

Visiting Lecturer, Ithaca College, Ithaca, N.Y., summer session, 1970
 Visiting Professor, Katholieke Universiteit Leuven, Belgium, fall semester, 1981
 Short-term Visiting Professor, Guelph University Canada, November 1982
 Visiting Professor, Laval University, Sainte-Foy, Quebec, fall 1986 - summer 1987
 Visiting Professor, University School of Physical Education, Wrocław, Poland, 2010-2012
 Visiting Professor, Liverpool John Moores University, Research Institute for Sport and Exercise Sciences, 2009

ACADEMIC HONORS: HONORARY DEGREES

Doctor Honoris Causa, Katholieke Universiteit Leuven/Louvain, Groep Biomedische Wetenschappen, Instituut voor Lichamelijke Opleiding (Catholic University of Leuven, Faculty of Biomedical Sciences, Institute of Physical Education), April 27, 1989

Doctor Honoris Causa, Akademia Wychowania Fizycznego im. Bronisława Czecha w Krakowie, Krakow, Poland (Bronislaw Czech University School of Physical Education in Cracow, Poland), October 16, 2001

Doctor Honoris Causa, Akademia Wychowania Fizycznego we Wrocławiu, Wrocław, Poland (University School of Physical Education in Wrocław, Poland), September 18, 2006

Doctor Honoris Causa, Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, Coimbra, Portugal (Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal), July 8, 2008

FESTSCHRIFT

GROWTH AND MATURATION IN HUMAN BIOLOGY AND SPORTS: Festschrift Honoring Robert M. Malina by Fellows and Colleagues, edited by Peter T. Katzmarzyk and Manuel J. Coelho e Silva. Coimbra, Coimbra University Press, 2013.

ACADEMIC HONORS: OTHERS

Southern District Scholar, Southern District of the American Alliance for Health, Physical Education, Recreation and Dance, 1982-1983

Distinguished Service Award, Department of Health and Physical Education, Golden Anniversary, Manhattan College, April 1986

Ninth Annual C.H. McCloy Research Lecturer, Research Consortium, American Alliance for Health, Physical Education, Recreation and Dance, April 1988

Foreign Member of the Polish Academy of Sciences, Division II - Biological Sciences, Warsaw, May 1991; diploma awarded by the Ambassador of the Republic of Poland, Washington, D.C., September 1991

Fellow, Institute for Advanced Study, Indiana University, Bloomington, 1992

Alliance Scholar, American Alliance for Health, Physical Education, Recreation and Dance, 1992-1993

Alumni Achievement Award, School of Education, University of Wisconsin, Madison, May 1992

Thirteenth Annual Alderson Lecturer, Department of Kinesiology and Health Education, University of Texas at Austin, February 1994

Citation Award, American College of Sports Medicine, May 1997

D.B. Dill Historical Lecture, American College of Sports Medicine, Annual Meeting, June 2000

Honor Award, North American Society for Pediatric Exercise Medicine, August 2002

Franz Boas Distinguished Achievement Award, Human Biology Association, March 2006

Clark Hetherington Award, National Academy of Kinesiology, September 2007

Hall of Honor, Department of Kinesiology and Health Education, University of Texas at Austin, April 2008

Distinguished Scholar Award, North American Society for the Psychology of Sport and Physical Activity, June 2009

Honor Award, American College of Sports Medicine, May 2013

Distinguished Fellow, Kosciuszko Foundation Collegium of Eminent Scientists of Polish Origin and Ancestry, April, 2014

Oded Bar-Or Memorial Lecture, North American Society for Pediatric Exercise Medicine, August 2014

President's Council on Fitness, Sports and Nutrition, 2015 Science Honor Award, presented at the Annual meeting of the American College of Sports Medicine, June 2016

MEMBERSHIP IN LEARNED OR PROFESSIONAL ORGANIZATIONS:

Phi Epsilon Kappa, 1956 -

American Alliance for Health, Physical Education, Recreation, and Dance (now Society of Health and Physical Educators), 1959 -

Research Consortium, American Alliance for Health, Physical Education, Recreation, and Dance (now Society of Health and Physical Educators), 1969 -, Fellow

American Association of Physical Anthropologists, 1964 -

Society for the Study of Human Biology, 1966 -, Honorary Member, 2005 -

Society for Research in Child Development, 1966 -

American Association for the Advancement of Science, 1967 -, Fellow

Human Biology Council (now Human Biology Association), 1973 -, Fellow

American College of Sports Medicine, 1978 -, Fellow

National Academy of Kinesiology, 1982 -, Fellow

Sociedad Venezolana de Antropologia Biologica, Honorary Member, 1983 -

International Association of Human Biologists, 1985 -

European Anthropological Association, 1985 -

Association of Mexican Biological Anthropologists, 1996 -

Polskie Towarzystwo Antropologiczne - Polish Anthropological Association, Honorary Member, 1999 -

International Association of Sport Kinetics, Honorary Member, 1999 -

SELECTED RESEARCH ACTIVITIES:

1. Philadelphia Center for Research in Child Growth, Children's Hospital of Philadelphia and University of Pennsylvania, research assistant for Dr. Wilton M. Krogman, 1963-1967.
2. South Korea, anthropometric survey of the Armed Forces of the Republic of Korea, Contract, U.S. Army Natick Laboratories, Rowland and Company, Haddonfield, N.J., 1965.
3. Ferrara, Italy, a study of growth of children with thalassemia major, research assistant for Dr. Irving J. Wolman, Pediatric Hematology, Children's Hospital of Philadelphia, 1966.
4. Oaxaca, Mexico, human biology studies in the Valley of Oaxaca, 1968 - ongoing:
 - a. Nutritional anthropometry of school children, 1968, 1972, 1977, Institute of Latine American Studies, University of Texas at Austin
 - b. Director of summer field training program in cultural anthropology, archaeology and physical anthropology, National Science Foundation Grant GZ 1906, 1971
 - c. Ten-year follow-up study of a Zapotec community, National Science Foundation Grant BNS 78-10642, 1978-1980
 - d. Secular change in size and physical fitness in the Valley of Oaxaca, Mexico, National Science Foundation, Grant BCS 9816400, 1999-2002.
 - e. Proposal for continued field work has been submitted.
5. Analysis of skeletal and dental materials from the Ernest Witte and Leonard K sites at Allens Creek, Lower Brazos River Valley, Texas. Contract, Houston Light and Power Company, 1975-1978.

6. Anthropometric, physiologic and demographic study of athletes at the Montreal Olympic Games, Canada, summer 1976.
7. Project Director, Push factors in Mexican migration to the United States, Institute of Latin American Studies, University of Texas at Austin, Department of State Contract 1722-820142, 1978 -1980.
8. Anthropometric symmetry in normal and retarded males, University of Texas Health Science Center at Dallas, TX, contract, 1979-1980.
9. Growth, maturation and aging of Manus (Papua New Guinea) in a mixed-longitudinal and secular perspective, National Science Foundation, Grant BNS 8004316, 1980-1982.
10. Study of skeletal remains at La Galgada, Peru: a preceramic culture in transition, 1981-1982.
11. Anthropometric symmetry in undernourished children. Biological Humanics Foundation, Dallas, TX, contract, Summer/Fall 1984.
12. Anthropometric consultant, The San Antonio Heart Study, National Heart, Lung, and Blood Institute, NIH, RO1-HL-24799, 1981-1984; co-investigator, Diabetes and cardiovascular risk in Mexican Americans. National Heart, Lung, and Blood Institute, NIH, RO1-HL-24799, 1984-1989.
13. Family background, physique and body composition of female intercollegiate athletes. Department of Intercollegiate Athletics for Women, University of Texas at Austin, 1985-1995.
14. Risk factors for injury in youth football, National Athletic Trainers' Association, Research and Education Foundation, grant # 300R001, 2000-2002.
15. Effects of elevated blood lead levels on growth and physical fitness of school youth in the Copper Basin of southwestern Poland. Collaborative research with the University School of Physical Education, Wrocław, Poland, 2004 - present.
16. Growth, maturation, functional capacity and sport-specific skills of youth athletes. Collaborative research with the Faculty of Physical Education and Sport, University of Coimbra, Coimbra, Portugal, 2002 – present.
17. Physical activity: comparison of accelerometry and diary methods. Collaborative research with the Faculty of Physical Education and Sport, University of Coimbra, Coimbra, Portugal, 2005 – present.
18. Functional capacities of aging adults. Collaborative research with the University School of Physical Education, Wrocław, Poland, 2012 - present.

Field Consultant

1. Anthropometric consultant to the U.S. PHS National Health Examination Survey, Cycle III, 1966-1967. Consultant, U.S. Health Examination Survey (HES) and Health and Nutrition Examination Survey (HANES), 1971-1979.
2. Nutritional status and preschool growth. Instituto de Nutricion de Centro America y Panama (INCAP), Guatemala
 - a. Visiting scientist, Division of Human Development, Effects of nutritional supplementation on the mental development and growth of preschool, rural Guatemalan Ladino children, 1972, 1973
 - b. Pan American Health Organization consultant for INCAP, 1974
 - c. Consultant to the Food Research Institute, Stanford University and INCAP, Early malnutrition and status in adolescence, NIH, 1 RO1 HD 22440-01, 1988-1989.

3. Pan American Health Organization consultant to Instituto de Investigaciones Medico Sociales, Quito, Ecuador, September 1978.

RESEARCH INTERESTS:

Growth, maturation and physical performance
 Physical activity as a factor in child/adolescent health, growth and maturation
 Motor development, with emphasis on cross-cultural comparisons
 Nutritional aspects of growth and performance, with emphasis on under-nutrition, overweight, obesity
 Youth sports, growth and maturation of young athletes, talent development, coach education
 Women in sport, with emphasis on physique, body composition, menarche, family background
 Latin America, with emphasis on Mexico

PROFESSIONAL ACTIVITIES - PROFESSIONAL JOURNALS

Editor, Yearbook of Physical Anthropology, 1980-1986

Book Review Editor, American Journal of Human Biology, 1989-1990

Editor-in-Chief, American Journal of Human Biology, 1990-2002

Associate Editor, Research Quarterly, 1971-1980; Section Editor, Growth and Development, Research Quarterly for Exercise and Sport, 1981-1993.

Section Editor, Growth and Development, Exercise and Sport Sciences Reviews, 1981-1999.

Advisory Editor, Abstracts in Anthropology, 1973-1978.

Editorial Board, Annals of Human Biology, journal of the Society for the Study of Human Biology, 1974-

Editorial Board, Human Biology, 1975-1982, 1989-1990.

Editorial Board, Child Development, 1981-1983.

Editorial Board, Pediatric Exercise Science, 1988-

Editorial Board, Medicine and Science in Sports and Exercise, 2001-2002.

Editorial Board, Clinical Journal of Sports Medicine, 2001-

Advisory Board, Acta Medica Auxologica, International Journal of Human Growth and Development, Milan, Italy, 1979-2003.

Consulting editor, Collegium Antropologicum, Zagreb, Yugoslavia, 1985-

Editorial Board, Anthropologischer Anzeiger, 1990 -

Editorial Board, Anthropological Review/Przegląd Antropologiczny, Poznań, Poland, 2005-

Editorial Board, Journal of Human Kinetics, official journal of the International Association of Sport Kinetics, Katowice, Poland, 1999-

Editorial Board, Human Movement, journal of the University School of Physical Education in Wrocław and University School of Physical Education in Poznań, Poland, 2004 -

Editorial Board, Medycyna Środowiskowa – Environmental Medicine, Sosnowiec, Poland, 2010-

Editorial Board, Kinesiology: International Journal of Fundamental and Applied Kinesiology, Zagreb, Croatia, 2010-

Editorial Board, Ovidius University Annals, Series Physical Education and Sport, Constanta, Romania, 2010-

Editorial Board, Revista Portuguesa de Ciências do Desporto, Portugal, 2005-

Editorial Board, Italian Journal of Sport Sciences, 2005-

Editorial Board, External, Revista Brasileira de Ciência e Movimento, Escola Superior de Educação Física de São Caetano do Sul and Centro de Estudos do Laboratório de Aptidão Física de São Caetano do Sul, Brazil, 1987 -

Editorial Board, Cuicuilco, quarterly publication of Escuela Nacional de Antropología e Historia (National School of Anthropology and History), Mexico City, DF, 1994-

Editorial Board, Identidades: Revista de Educación y Cultura, Fondo Editorial de la Unidad de Proyectos Estratégicos, IEEPO, Oaxaca, Mexico, 1999-

International Editorial Board, Applied Human Science - Journal of Physiological Anthropology, journal of the Japanese Society of Physiological Anthropology, 1995-
 Editorial Board, Anthropological Science, official journal of the Anthropological Society of Nippon/Japan, 1998 -
 Editorial Board, International Journal of Sport and Health Science, journal of the Japan Society of Physical Education, Health and Sport Sciences, 2003-2007; section editor for growth and development, 2007-2013.
 Editorial Board, Indian Journal of Sport Sciences, Faculty of Sport Sciences, Netaji Subhash National Institute of Sports, Patiala, India, 1988-

PROFESSIONAL ACTIVITIES: ELECTED OFFICES

Secretary-Treasurer, Human Biology Council, 1977-1980 (now Human Biology Association)
 President, Human Biology Council, 1984-1986 (now Human Biology Association)
 President-elect, National Academy of Kinesiology, 1986-1987; President, 1987-1988; Past-president, 1988-1989

PROFESSIONAL ACTIVITIES: COMMITTEES

Program Committee, Society for Research in Child Development, 1979-1983; Publications Committee 1984-1988.
 American College of Sports Medicine, Position Stands Committee, Sub-Committee on Marathon Running in Children, 1980-1981.
 Executive Board, International Council of Sport Science and Physical Education/Conseil International pour l'Education Physique et la Science du Sport (ICSSPE-CIEPSS), a non-governmental organization in consultative relationship with UNESCO, 1989-1995.
 International Relations Committee, American College of Sports Medicine, 1989-1992, 1998-2000.
 Talent Identification Committee, United States Diving, 1990-2005.
 Board of Trustees, Basic and Applied Sciences (elected by the membership), American College of Sports Medicine, 1990-1993.
 Administrative Council, American College of Sports Medicine, 1991-1992.
 Board Member, International Council for Physical Activity and Fitness Research, 1992-1996.
 Committee on Pediatric Exercise (Strategic Health Initiative on Pediatric Exercise, now the Strategic Health Initiative on Youth Sports and Health), American College of Sports Medicine, 1992-2012.
 Health Promotion Task Force, Texas Higher Education Coordinating Board, 1992-1994.
 Data Monitoring Board, National Growth and Health Study II, National Institutes of Health; National Heart, Lung, and Blood Institute, 1992-1998.
 European Anthropological Association, Council (elected by the membership), 1993-1994, 1998-2000, 2001-2003, 2004-2006, 2006-2008, 2008-2010, 2010-2012, 2012-2014, 2014-2016, 2016-2018
 Committee on Sports Medicine and Fitness, American Academy of Pediatrics, liaison representative - Institute for the Study of Youth Sports, 1997-2000.
 Sports Injury Advisory Group, Governor's Council on Physical Fitness, Health and Sports, State of Michigan, representing Michigan State University and the American College of Sports Medicine, 1998-2002.
 Task Force on Theme Integration, Youth Sports and Physical Activity, American College of Sports Medicine, (now the Strategic Health Initiative on Youth Sports and Health), 2003-2012.
 Co-Chair, Expert Panel on Youth Physical Activity, Centers for Disease Control and Prevention, 2003-2004.
 Research Council, Consejo de Investigación del Proyecto CAMBIO - Canada y Mexico Combatiendo la Obesidad Infantil (Canada-Mexico Battling Childhood Obesity), Queens University, Kingston, Ontario and Univeversidad de Guadalajara, Mexico, 2007 - 2010
 Pronouncements Committee, American College of Sports Medicine, 2007- 2010
 Physical Activity Guidelines Advisory Committee, Youth Health Subcommittee, 2007-2008
 Institute of Medicine of the National Academies, Committee on Fitness Measures and Health Outcomes in Youth, 2011-2012.

COURSES TAUGHT: UNIVERSITY OF TEXAS AT AUSTIN

1. Anthropology
 - a. Undergraduate

Introductory physical anthropology
 The concept of race
 Human physical growth and maturation
 Human osteology/skeletal biology of earlier populations
 Human adaptability

b. Graduate

Human physical growth and maturation
 Human adaptability
 Field methods in biological anthropology/human biology
 Techniques in growth studies

2. Latin American Studies

a. Undergraduate

Human biology of Mexico and Central America (cross-listed with Anthropology)

b. Graduate

Health, nutrition and development in Latin America

3. Kinesiology and Health Education

a. Undergraduate

Youth sports: Biosocial perspectives on competitive sports during childhood and youth
 Human physical growth and maturation
 Motor development and performance

b. Graduate

Health and human variability
 Human biology through the lifespan
 Growth, physical activity and fitness
 Youth sports: A biocultural approach
 Methods in the study of growth and maturation

COURSES TAUGHT: MICHIGAN STATE UNIVERSITY

1. Kinesiology

a. Graduate

Physical activity and well-being
 Growth, maturation, and physical activity

b. Undergraduate

Organized sport in the lives of youth (University-wide, freshman pro-seminar)
 Physical growth and motor behavior

VISITING FOREIGN SCIENTISTS:

While at the University of Texas:

Shinichi Demura, Faculty of Education, Kanazawa University, Kakuma, Kanazawa, Ishikawa, Japan
 Albrecht Claessens, Department of Biomedical Kinesiology, Faculty of Kinesiology and Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium
 Takashi Satake, Department of Anatomy, Nihon University School of Dentistry at Matsudo, Chiba, Japan
 Heidi Dander Hopfe, Department of Anthropology, University of Bremen, Germany
 Tadeus Bielicki, Institute of Anthropology, Polish Academy of Sciences, Wrocław, Poland
 Gaston Beunen, Department of Biomedical Kinesiology, Faculty of Kinesiology and Rehabilitation Sciences, Katholieke Universiteit Leuven, Belgium
 Eric Benefice, Epidemiology and Prevention Research, Institut Français de Recherche pour la Développement (IRD), France
 Quek Jin Jong, Nanyang Technological University, National Institute of Education, Singapore

While at Michigan State University:

Shohei Kokudo, Faculty of Education and Regional Sciences, Tottori University, 4-101, Koyamacho-Minami, Japan
 Takako Okayasu, Hokkaido Education University, Hokkaido, Japan
 Tadeusz Bielicki, Institute of Anthropology, Polish Academy of Sciences, Wrocław, Poland
 Kwangsoo Koo, Changwon National University, South Korea

Since retiring:

Takashi Satake, Department of Anatomy, Nihon University School of Dentistry at Matsudo, Chiba, Japan
 Jan Konarski, Department of Theory of Sport, Eugene Piasecki Academy of Physical Education), Poznań; Poland

SUBSEQUENT MATERIALS:

1. Publications in chronological order
2. Book reviews
3. Papers, lectures presented at professional meetings, seminars, symposia
4. Master's students and theses supervised
5. Doctoral students and dissertations supervised

PUBLICATIONS IN CHRONOLOGICAL ORDER (Abstracts not included) - KEY:

RJ - Refereed Journal (Peer Reviewed)	EV - Edited Volume
CP - Conference Proceedings	TR - Translation
CR – Committee Report	AR - Archeological Report
CSB - Chapter/Section in Book	BK – Book/Monograph
TRP - Technical Report	PR – Popular/General Report

1. G.L. Rarick, G. Bigley, R. Karst, and R.M. Malina, 1962. The measurable support of the ankle joint by conventional methods of taping. **Journal of Bone and Joint Surgery** 44-A: 1183-1190. (RJ)
2. R.M. Malina, L.B. Plagenz, and G.L. Rarick, 1963. The effect of exercise upon the measurable supporting strength of cloth and tape ankle wraps. **Research Quarterly** 34:158-165. (RJ)
3. F.E. Johnston and R.M. Malina, 1966. Age changes in the composition of the upper arm in Philadelphia children. **Human Biology** 38:1-21. (RJ)
4. R.M. Malina, 1966. Patterns of development in skinfolds of Negro and White children. **Human Biology** 38:89-103. (RJ)
5. E. Smithgall, F.E. Johnston, R.M. Malina, and M.A. Galbraith, 1966. Developmental changes in compact bone relationships in the second metacarpal. **Human Biology** 38:141-151. (RJ)
6. F.E. Johnston, K.P. Hertzog, and R.M. Malina, 1966. Phenylthiocarbamide taste sensitivity and its relationship to growth variation. **American Journal of Physical Anthropology** 24: 253-255. (RJ)
7. F.E. Johnston, K.P. Hertzog, and R.M. Malina, 1966. Longitudinal growth of children with thalassemia major and its relationship to hemoglobin level. **American Journal of Diseases of Children** 112:395-401. (RJ)
8. G.L. Hart, G.E. Rowland, and R.M. Malina, 1966. **Anthropometric Survey of the Armed Forces of the Republic of Korea**. Rowland and Company Report Number 66-30-9. Haddonfield, NJ: Rowland and Company. (TRP)
9. R.M. Malina and F.E. Johnston, 1967. Significance of age, sex, and maturity differences in upper arm composition. **Research Quarterly** 38:219-230. (RJ)

10. R.M. Malina and F.E. Johnston, 1967. Relation between bone, muscle, and fat widths in the upper arms and calves of boys and girls studied cross-sectionally at ages 6 to 16 years. **Human Biology** 39:211-223. (RJ)
11. R.M. Malina, 1968. Reliability of different methods of scoring throwing accuracy. **Research Quarterly** 39:149-160. (RJ)
12. R.M. Malina and G.L. Rarick, 1968. A device for assessing the role of information feedback in speed and accuracy of throwing performance. **Research Quarterly** 39:220-223. (RJ)
13. R.M. Malina, 1968. Invited comment on "Body composition and physical fitness." **Current Anthropology** 9:279-280. (RJ)
14. R.M. Malina, 1969. Exercise as an influence upon growth. **Clinical Pediatrics** 8:16-26. (RJ)
15. R.M. Malina, 1969. An anthropological perspective of man in action. In **New Perspectives on Man in Action**, B. Cratty and R. Brown, editors, pp. 147-162. Englewood Cliffs, NJ: Prentice-Hall. (CSB)
16. R.M. Malina, 1969. Effects of varied information feedback practice conditions on throwing speed and accuracy. **Research Quarterly** 40:134-145. (RJ) Reprinted in **Contemporary Readings in Sport Psychology**, W.P. Morgan, editor, pp. 23-35, Springfield, IL: CC Thomas, 1970.
17. R.M. Malina, 1969. Is it dangerous for young teen-agers to compete in contact sports? **Clinical Pediatrics** 8:306-308. (RJ)
18. R.M. Malina, 1969. Growth and physical performance of American Negro and White children: a comparative survey of differences in body size, proportions and composition, skeletal maturation, and various motor performances. **Clinical Pediatrics** 8:476-483. (RJ)
19. R.M. Malina, 1969. The quantification of fat, muscle, and bone in man. **Clinical Orthopaedics and Related Research** 65: 9-38. (RJ)
20. R.M. Malina, 1969. Skeletal maturation rate in North American Negro and White children. **Nature** 223:1075. (RJ)
21. F.E. Johnston and R.M. Malina, 1970. Correlations of midshaft breadths and compact bone thickness among bones of the upper and lower extremities of children ages 6 to 16 years. **American Journal of Physical Anthropology** 32:323-327. (RJ)
22. R.M. Malina. 1970. A comment on James Jordan's "Review of the physiological and anthropometric comparisons of Negroes and Whites." **Journal of Health, Physical Education and Recreation** 41:6-7 (June). (RJ)
23. R.M. Malina, J.D. Holman, and A.B. Harper, 1970. Parent size and growth status of offspring. **Social Biology** 17:120-123. (RJ)
24. R.M. Malina. Body composition, 1970. In **The Physical Fitness Encyclopedia**, C. Kuntzleman, editor, pp. 47-49. Emmaus, PA: Rodale Press. (CSB)
25. R.M. Malina, 1970. Growth. In **The Physical Fitness Encyclopedia**, C. Kuntzleman, editor, pp. 202-205. Emmaus, PA: Rodale Press. (CSB)
26. R.M. Malina, 1970. Race. In **The Physical Fitness Encyclopedia**, C. Kuntzleman, editor, pp. 399-401. Emmaus, PA: Rodale Press. (CSB)
27. R.M. Malina, 1970. Body weight tables. In **Encyclopedia of Sport Sciences and Medicine**, American College of Sports Medicine, pp. 1211-1213. New York, NY: Macmillan. (CSB)

28. R.M. Malina, A.B. Harper, and J.D. Holman, 1970. Growth status and performance relative to parental size. **Research Quarterly** 41:503-509. (RJ)
29. R.M. Malina, 1970. Skeletal maturation studied longitudinally over one year in American Whites and Negroes 6 through 13 years of age. **Human Biology** 42:377-390. (RJ)
30. R.M. Malina, 1970. Cultural change. In **Think-In: Medium for Change**, Report of the 1970 NAPECW Workshop. National Association for Physical Education of College Women, pp. 23-38. Madison, WI: Advertiser's Press. (CP)
31. R.M. Malina. 1971. The determinants of motor development. In **Motor Development Symposium** (honoring Anna S. Espenschade), pp. 22-46. Berkeley, CA: University of California. (CP)
32. R.M. Malina, A.B. Harper, H.H. Avent, and D.E. Campbell, 1971. Physique of female track and field athletes. **Medicine and Science in Sports** 3:32-38. (RJ)
33. R.M. Malina, 1971. Skinfolts of American Negro and White children. **Journal of the American Dietetic Association** 59:34-40. (RJ)
34. R.M. Malina, 1971. A consideration of factors underlying the selection of methods in the assessment of skeletal maturity. **American Journal of Physical Anthropology** 35:341-346. (RJ)
35. F.E. Johnston, R.M. Malina, and M.A. Galbraith, 1971. Height, weight, and age at menarche and the "critical weight" hypothesis. **Science** 174:1148-1149. (RJ)
36. H.H. Avent, D.E. Campbell, R.M. Malina, and A.B. Harper, 1971. Cardiovascular characteristics of selected track participants in the first annual DGWS track and field meet. **Research Quarterly** 42:440-443. (RJ)
37. R.M. Malina, 1972. Anthropology, growth and physical education. In **Physical Education: An Interdisciplinary Approach**, R.N. Singer, D.R. Lamb, J.W. Loy, Jr., R.M. Malina and S. Kleinman, pp. 237-309. New York, NY: Macmillan. (CSB)
38. R.M. Malina, H.A. Selby, and L.J. Swartz, 1972. Estatura, peso y circunferencia del brazo en una muestra transversal de ninos Zapotecos de 6 a 14 anos. **Anales de Antropologia** 9:143-155. (RJ)
39. R.M. Malina, 1972. Comparison of the increase in body size between 1899 and 1970 in a specially selected group with that in the general population. **American Journal of Physical Anthropology** 37:134-141. (RJ)
40. R.M. Malina, 1972. Skinfold-body weight correlations in Negro and White children of elementary school age. **American Journal of Clinical Nutrition** 25:861-863. (RJ)
41. R.M. Malina, 1972. Information feedback. In **Ergogenic Aids and Muscular Performance**, W.P. Morgan, editor, pp. 67-91. New York, NY: Academic Press. (CSB)
42. R.M. Malina, 1972. Weight, height and limb circumferences in American Negro and White children: longitudinal observations over a one year period. **Journal of Tropical Pediatrics and Environmental Child Health** 18:280-283. (RJ)
43. R.M. Malina and P.A. Gorzycki, 1973. Height and weight growth patterns of school age deaf children. **American Journal of Physical Anthropology** 38:135-143. (RJ)
44. R.M. Malina and G.L. Rarick, 1973. Growth, physique, and motor performance. In **Physical Activity: Human Growth and Development**, G.L. Rarick, editor, pp. 125-153. New York, NY: Academic Press. (CSB)

45. R.M. Malina, 1973. Ethnic and cultural factors in the development of motor abilities and strength in American children. In **Physical Activity: Human Growth and Development**, G.L. Rarick, editor, pp. 333-363. New York, NY: Academic Press. (CSB)
46. R.M. Malina, 1973. Biological substrata. In **Comparative Studies of Blacks and Whites in the United States**, K.S. Miller and R.M. Dreger, editors, pp. 53-123. New York, NY: Seminar Press. (CSB)
47. R.M. Malina, P.V.V. Hamill, and S. Lemeshow, 1973. Selected body measurements of children 6-11 years, United States. **Vital and Health Statistics**, Series 11, Number 123, pp. 48. Washington, DC: National Center for Health Statistics. (TRP)
48. R.M. Malina, A.B. Harper, H.H. Avent, and D.E. Campbell, 1973. Age at menarche in athletes and non-athletes. **Medicine and Science in Sports** 5: 11-13. (RJ)
49. R.M. Malina, 1973. Factors influencing motor development during infancy and childhood. In **A Textbook of Motor Development**, C.B. Corbin, editor, pp. 29-53. Dubuque, IA: Wm. C. Brown. (CSB)
50. R.M. Malina, 1974. Motor development: Determinants and the need to consider them. In **Psychology of Motor Behavior and Sport**, M.G. Wade, editor, pp. 294-306. Urbana, IL: Human Kinetics. (CP)
51. R.M. Malina, 1974. Adolescent changes in size, build, composition, and performance. **Human Biology** 46:117-131. (RJ)
52. J-P. Habicht, R. Martorell, C. Yarbrough, R.M. Malina, and R.E. Klein, 1974. Height and weight standards for preschool children: How relevant are ethnic differences in growth potential? **Lancet** 1:611-615. (RJ)
53. R.M. Malina, J-P. Habicht, C. Yarbrough, R. Martorell, and R.E. Klein, 1974. Skinfold thicknesses at seven sites in rural Guatemalan Ladino children, birth through seven years of age. **Human Biology** 46:453-469. (RJ)
54. D. Kolakowski and R.M. Malina, 1974. Spatial ability, throwing accuracy and man's hunting heritage. **Nature** 251:410-412. (RJ)
55. R.M. Malina, P.V.V. Hamill, and S. Lemeshow, 1974. Body dimensions and proportions, White and Negro children 6-11 years, United States. **Vital and Health Statistics**, Series 11, Number 143, 66 pp. Washington, DC: National Center for Health Statistics. (TRP)
56. H. Delgado, J-P. Habicht, C. Yarbrough, A. Lechtig, R. Martorell, R.M. Malina, and R.E. Klein, 1975. Nutritional status and the timing of deciduous tooth eruption. **American Journal of Clinical Nutrition** 28:216-224. (RJ)
57. C. Yarbrough, J-P. Habicht, R.M. Malina, A. Lechtig, and R.E. Klein, 1975. Length and weight in rural Guatemalan Ladino children, birth to seven years of age. **American Journal of Physical Anthropology** 42:439-447. (RJ)
58. R.M. Malina, 1975. Exercise and growth. **NA'PAO: A Saskatchewan Anthropology Journal** 5:3-8. (CP)
59. J.H. Himes, R. Martorell, J-P. Habicht, C. Yarbrough, R.M. Malina, and R.E. Klein, 1975. Patterns of cortical bone growth in moderately malnourished preschool children. **Human Biology** 47:337-350. (RJ)
60. R.M. Malina, 1975. **Growth and Development: The First Twenty Years in Man**. Minneapolis, MN: Burgess Publishing Company, 58 pp. (BK)
61. R.M. Malina, 1975. Anthropometric correlates of strength and motor performance. **Exercise and Sport Sciences Reviews** 3:249-274. (RJ)

62. R.M. Malina, J-P. Habicht, R. Martorell, A. Lechtig, C. Yarbrough, and R.E. Klein, 1975. Head and chest circumferences in rural Guatemalan Ladino children, birth to seven years of age. **American Journal of Clinical Nutrition** 28:1061-1070. (RJ)
63. R.M. Malina, 1975. Physical activity: a physical anthropologist's perspective. In **Proceedings**, 78th Annual Meeting, National College Physical Education Association for Men, pp. 39-45. Chicago, IL: University of Illinois at Chicago Circle. (CP)
64. J.H. Himes and R.M. Malina, 1975. Age and secular factors in the stature of adult Zapotec males. **American Journal of Physical Anthropology** 43:367-369. (RJ)
65. G.H. Doran and R.M. Malina, 1975. Skeletal materials from the Cogdell burial in Floyd County, Texas. **Bulletin of the Texas Archeological Society** 46: 65-67. (AR)
66. R. Martorell, C. Yarbrough, R.M. Malina, J-P. Habicht, A. Lechtig, and R.E. Klein, 1975. The head circumference/chest circumference ratio in mild-to-moderate protein-calorie malnutrition. **Environmental Child Health** 21:203-207. (RJ)
67. R.M. Malina, 1976. Physical anthropology, physical activity and sport. **Canadian Journal of Applied Sport Sciences** 1:155-161. (RJ)
68. R.M. Malina, J.H. Himes, and C.D. Stepick, 1976. Skeletal maturity of the hand and wrist in Oaxaca school children. **Annals of Human Biology** 3:211-219. (RJ)
69. R.M. Malina, W.H. Mueller, and J.D. Holman, 1976. Parent/child correlations and heritability of stature in Philadelphia Black and White children 6 to 12 years of age. **Human Biology** 48:475-486. (RJ)
70. W.H. Mueller and R.M. Malina, 1976. Differential contributions of stature phenotypes to assortative mating in parents of Philadelphia Black and White school children. **American Journal of Physical Anthropology** 45:269-275. (RJ)
71. J.H. Himes, R. Martorell, J-P. Habicht, C. Yarbrough, R.M. Malina, and R.E. Klein, 1976. Sexual dimorphism in bone growth as a function of body size in moderately malnourished Guatemalan preschool age children. **American Journal of Physical Anthropology** 45:331-335. (RJ)
72. R.M. Malina and A.N. Zavaleta, 1976. Androgyny of physique in female track and field athletes. **Annals of Human Biology** 3:441-446. (RJ)
73. C. Bouchard, R.M. Malina, W. Hollmann, and C. Leblanc, 1976. Relationships between skeletal maturity and submaximal working capacity in boys 8 to 18 years. **Medicine and Science in Sports** 8:186-190. (RJ)
74. A.B. Wesolowsky and R.M. Malina, 1976. The human skeletal materials from Boys School and their implications for aboriginal demography. In **Excavations at the Harris County Boys' School Cemetery: Analysis of Galveston Bay Area Mortuary Practices**, L.E. Aten, C.K. Chandler, A.B. Wesolowsky, and R.M. Malina, pp. 80-85. Texas Archeological Society, Special Publication, No. 3. (AR)
75. J.H. Himes, R.M. Malina, and C.D. Stepick, 1976. Relationships between body size and second metacarpal dimensions in Oaxaca, Mexico, school children 6 to 14 years of age. **Human Biology** 48:677-692. (RJ)
76. R.M. Malina, 1976. Tryb zycia i aktywnosc fizyczna czlowieka na tle zmian srodowiskowych (mode of life and physical activity in environmental change). **Wychowanie Fizyczne i Higiena Szkolna** 24(7):10-12. (TR)
77. R.M. Malina, 1976. Wplyw aktywnosci fizycznej na organism czlowieka (the effects of physical activity on the human organism). **Wychowanie Fizyczne i Higiena Szkolna** 24(8):5-7. (TR)
78. C. Bouchard, R.M. Malina, W. Hollmann, and C. Leblanc, 1977. Submaximal working capacity, heart size

- and body size in boys 8-18 years. **European Journal of Applied Physiology** 36:115-126. (RJ)
79. C. Yarbrough, R. Martorell, R.E. Klein, J. Himes, R.M. Malina, and J-P. Habicht, 1977. Stature and age as factors in the growth of second metacarpal cortical bone in moderately malnourished children. **Annals of Human Biology** 4:43-48. (RJ)
 80. R.M. Malina and J.H. Himes, 1977. Seasonality of births in a rural Zapotec municipio, 1945-1970. **Human Biology** 49:125-137. (RJ)
 81. R.M. Malina, 1977. Motor development in a cross-cultural perspective. In **Psychology of Motor Behavior and Sport, Volume II. Sport Psychology and Motor Development**, D.M. Landers and R.W. Christina, editors, pp. 191-208. Champaign, IL: Human Kinetics. (CP)
 82. J.H. Himes and R.M. Malina, 1977. Sexual dimorphism in metacarpal dimensions and body size of Mexican school children. **Acta Anatomica** 99:15-20. (RJ)
 83. R.M. Malina, 1977. Change in mode of life with environmental transformation, with a consideration of the effects of physical activity on the organism. In **Metody Kontroli Rozwoju Czlowieka i Zmian Struktury Populacji Ludzkich w Związku z Przemianami Srodowiska, Praca Zbiorowa**, N. Wolanski and R. Koziol, editors, pp. 177-205. Warsaw, Poland: Ossolineum (Zaklad Narodowny Imienia Ossolinskich). (CP)
 84. R.M. Malina and J.H. Himes, 1977. Differential age effects in seasonal variation of mortality in a rural Zapotec-speaking municipio, 1945-1970. **Human Biology** 49:415-428. (RJ)
 85. R.M. Malina and C. Chumlea, 1977. Age at menarche in deaf girls. **Annals of Human Biology** 4:485-488. (RJ)
 86. R.M. Malina, C. Chumlea, C.D. Stepick, and F. Gutierrez Lopez, 1977. Age at menarche in Oaxaca, Mexico, schoolgirls, with comparative data for other areas of Mexico. **Annals of Human Biology** 4:551-558. (RJ)
 87. C. Bouchard and R.M. Malina, 1977. Skeletal maturity in a Pan American Canadian team. **Canadian Journal of Applied Sport Sciences** 2:109-114. (RJ)
 88. R.M. Malina, 1978. Physical growth and maturity characteristics of young athletes. In **Children and Sport: A Contemporary Anthology**, R.A. Magill, M.J. Ash, and F.L. Smoll, editors, pp. 79-101. Champaign, IL: Human Kinetics. (CSB)
 89. C. Bouchard, C. Leblanc, R.M. Malina, and W. Hollmann, 1978. Skeletal age and submaximal working capacity in boys. **Annals of Human Biology** 5:75-78. (RJ)
 90. R.M. Malina, 1978. Growth, physical activity and performance in an anthropological perspective. In **Physical Activity and Human Well-Being**, F. Landry and W.A.R. Orban, editors, pp. 23-28. Miami, FL: Symposia Specialists. (CP)
 91. R.M. Malina and K.A.H. Moss, 1978. Age at menarche and family characteristics of high school athletes and nonathletes. In **Psychological Perspectives in Youth Sports**, F.L. Smoll and R.E. Smith, editors, pp. 69-87. Washington, DC: Hemisphere Publishing Corporation (Wiley). (CSB)
 92. R.M. Malina, 1978. Adolescent growth and maturation: selected aspects of current research. **Yearbook of Physical Anthropology** 21:63-94. (RJ)
 93. R.M. Malina, W.W. Spirduso, C. Tate, and A.M. Baylor, 1978. Age at menarche and selected menstrual characteristics in athletes at different competitive levels and in different sports. **Medicine and Science in Sports** 10:218-222. (RJ)
 94. R.M. Malina and J.H. Himes, 1978. Patterns of childhood mortality and growth status in a rural Zapotec

- community. **Annals of Human Biology** 5:517-531. (RJ)
95. R.M. Malina, 1978. Growth of muscle tissue and muscle mass. In **Human Growth. Volume 2. Postnatal Growth**, F. Falkner and J.M. Tanner, editors, pp. 273-294. New York, NY: Plenum. (CSB)
 96. D.A. Bailey, R.M. Malina, and R.L. Rasmussen, 1978. The influence of exercise, physical activity, and athletic performance on the dynamics of human growth. In **Human Growth. Volume 2. Postnatal Growth**, F. Falkner and J.M. Tanner, editors, pp. 475-505. New York, NY: Plenum. (CSB)
 97. R.M. Malina, 1979. Longitudinal growth studies: approaches, problems and results. In **The Measurement of Change in Physical Education**, Proceedings of the Colorado Measurement Symposium, D. Mood, editor, pp. 127-157. Boulder, CO: University of Colorado. (CP)
 98. R.M. Malina, 1979. Secular changes in growth, maturation, and physical performance. **Exercise and Sport Sciences Reviews** 6:203-255. (RJ)
 99. R.M. Malina, 1979. Secular changes in size and maturity: causes and effects. **Monographs of the Society for Research in Child Development**, Serial number 179, Volume 44, numbers 3-4, pp. 59-102. (RJ)
 100. R.M. Malina, 1979. The effects of exercise on specific tissues, dimensions and functions during growth. **Studies in Physical Anthropology** (Wroclaw, Poland) 5:21-52. (RJ)
 101. W.C. Chumlea, R.M. Malina, G.L. Rarick, and V.D. Seefeldt, 1979. Growth of short bones of the hand in children with Down's Syndrome. **Journal of Mental Deficiency Research** 23 (part 2):137-150. (RJ)
 102. R.M. Malina, 1979. Ethnic considerations in health and fitness. In **A Humanities Perspective on Holistic Health Values**, J. Cope, editor, pp. 37-44. Gunnison, CO: Western Colorado Health Systems Agency. (CSB)
 103. W.C. Chumlea and R.M. Malina, 1979. Weight at menarche in deaf girls. **Annals of Human Biology** 6:477-479. (RJ)
 104. R.M. Malina, C. Bouchard, R.F. Shoup, A. Demirjian, and G. Lariviere, 1979. Age at menarche, family size, and birth order in athletes at the Montreal Olympic Games, 1976. **Medicine and Science in Sports** 11:354-358. (RJ)
 105. C. Bouchard, A. Demirjian, and R.M. Malina, 1980. Heritability estimates of somatotype components based upon familial data. **Human Heredity** 30:112-118. (RJ)
 106. R.M. Malina, 1980. The measurement of body composition. In **Human Physical Growth and Maturation: Methodologies and Factors**, F.E. Johnston, A.F. Roche and C. Susanne, editors, pp. 35-59. New York, NY: Plenum. (CSB)
 107. R.M. Malina, 1980. Physical activity, growth, and functional capacity. In **Human Physical Growth and Maturation: Methodologies and Factors**, F.E. Johnston, A.F. Roche and C. Susanne, editors, pp. 303-327. New York, NY: Plenum. (CSB)
 108. R.M. Malina, 1980. Factors influencing motor development: Introductory comments (pp. 198-199); Biologically related correlates of motor development and performance during infancy and childhood (pp. 200-211); Environmentally related correlates of motor development and performance during infancy and childhood (212-224); Adolescent growth, maturity, and development (268-273). In **A Textbook of Motor Development**, 2nd edition, C.B. Corbin, editor. Dubuque, IA: Wm. C. Brown. (CSB)
 109. R.M. Malina, 1980. A multidisciplinary, biocultural approach to physical performance. In **Kinanthropometry II**, M. Ostyn, G. Beunen and J. Simons, editors, pp. 33-68. Baltimore, MD: University Park Press. (CP)

110. C. Bouchard, A. Demirjian, and R.M. Malina, 1980. Genetic pleiotropism in skeletal lengths and breadths. In **Kinanthropometry II**, M. Ostyn, G. Beunen, and J. Simons, editors, pp. 78-87. Baltimore, MD: University Park Press. (CP)
111. R.M. Malina and A.N. Zavaleta, 1980. Secular trend in the stature and weight of Mexican American children in Texas between 1930 and 1970. **American Journal of Physical Anthropology** 52:453-461. (RJ)
112. R.M. Malina, 1980. Biosocial correlates of motor development during infancy and early childhood. In **Social and Biological Predictors of Nutritional Status, Physical Growth and Neurological Development**, L.S. Greene and F.E. Johnston, editors, pp. 143-171. New York, NY: Academic Press. (CSB)
113. W.C. Chumlea, R.M. Malina, G.L. Rarick, and V.D. Seefeldt, 1980. Communalities for rates of diaphyseal elongation of short bones of the hand of children with Down's syndrome. **American Journal of Physical Anthropology** 53:129-131. (RJ)
114. P.H. Buschang and R.M. Malina, 1980. Brachymesophalangia-V in five samples of children: a descriptive and methodological study. **American Journal of Physical Anthropology** 53:189-195. (RJ)
115. R.M. Malina, H.A. Selby, W.L. Aronson, P.H. Buschang, and C. Chumlea, 1980. Re-examination of the age at menarche in Oaxaca, Mexico. **Annals of Human Biology** 7:281-282. (RJ)
116. R.M. Malina, 1980. Growth, strength, and physical performance. In **Encyclopedia of Physical Education, Fitness and Sports: Training, Environment, Nutrition and Fitness** G.A. Stull, editor, pp. 443-470. Salt Lake City, UT: Brighton Publishing Company. (CSB)
117. A.N. Zavaleta and R.M. Malina, 1980. Growth, fatness, and leanness in Mexican American children. **American Journal of Clinical Nutrition** 33:2008-2020. (RJ)
118. R.M. Malina, H.A. Selby, P.H. Buschang, and W.L. Aronson, 1980. Growth status of school children in a rural Zapotec community in the Valley of Oaxaca, Mexico, in 1968 and 1978. **Annals of Human Biology** 7:367-374. (RJ)
119. C. Bouchard, A. Demirjian, and R.M. Malina, 1980. Path analysis of family resemblance in physique. **Studies in Physical Anthropology** (Wroclaw, Poland) 6:61-70. (RJ)
120. R.M. Malina, 1980. Push factors in Mexican migration to the United States: The background to migration--a summary of three studies with policy implications. **Mexico-U.S. Migration Research Reports**, 14 pp. Austin, TX: University of Texas, Institute of Latin American Studies. (TRP)
121. W.H. Mueller and R.M. Malina, 1980. Genetic and environmental influences on growth of Philadelphia Black and White school children. **Annals of Human Biology** 7:441-448. (RJ)
122. R.M. Malina, 1980. Health, physical fitness, and ethnicity. **The Borderlands Journal**, South Texas Institute of Latin and Mexican American Studies 4(1):21-65. (RJ)
123. R.M. Malina, 1980. Wplyw cwiczen fizycznych na niektore tkanki, rozmiary i funkcje organizmu w trakcie rozwoju osobniczego (the effects of exercise on specific tissues, dimensions and functions during growth). **Wychowanie Fizyczne i Sport** 24:3-35. (TR)
124. R.M. Malina, J.H. Himes, C.D. Stepick, F. Gutierrez Lopez, and P.H. Buschang, 1981. Growth of rural and urban children in the Valley of Oaxaca, Mexico. **American Journal of Physical Anthropology** 55:269-280. (RJ)
125. R.M. Malina, 1981. Zmiany sekularne sprawnosci fizycznej, czesc I (secular changes in physical performance, part I). **Wychowanie Fizyczne i Higiena Szkolna** 28(10):383-389. (TR)

126. R.M. Malina, 1981. Trend sekularny sprawnosci fizycznej, czesci II (secular changes in physical performance, part II). **Wychowanie Fizyczne i Higiena Szkolna** 29(2):54-57. (TR)
127. R.M. Malina, 1981. Growth, maturation, and human performance. In **Perspectives on the Academic Discipline of Physical Education: A Tribute to G. Lawrence Rarick**, G.A. Brooks, editor, pp. 190-210. Champaign, IL: Human Kinetics. (CSB)
128. R.M. Malina and W.H. Mueller, 1981. Genetic and environmental influences on the strength and motor performance of Philadelphia school children. **Human Biology** 53:163-179. (RJ)
129. W.C. Chumlea, R.M. Malina, and G.L. Rarick, 1981. Brachymesophalangia of the fifth finger, stature, and weight in children with Down's syndrome. **Journal of Mental Deficiency Research** 25:7-10. (RJ)
130. R.M. Malina and B.B. Little, 1981. Comparison of TW1 and TW2 skeletal age differences in American Black and White and in Mexican children, 6-13 years. **Annals of Human Biology** 8:543-548. (RJ)
131. R.M. Malina and C.A. Bramblett, 1981. Skeletal and dental materials from the Ernest Witte and Leonard K sites. In **Allens Creek: A Study in the Cultural Prehistory of the Lower Brazos River Valley, Texas**, G.D. Hall, editor. Research Report No. 61, pp. 325-352. Austin, TX: University of Texas, Texas Archeological Survey. (AR)
132. B.W. Meleski, R.M. Malina, and C. Bouchard, 1981. Cortical bone, body size and skeletal maturity in ice hockey players 10 to 12 years of age. **Canadian Journal of Applied Sport Sciences** 6:212-217. (RJ)
133. R. Martorell and R.M. Malina, 1981. Anthropometric measures of nutritional status. **Journal of the American Dietetic Association** 78:389. (RJ,Letter)
134. R.M. Malina, 1981. Cultural pluralism, physical activity, and youth sports. Annual Youth Sports Forum, Michigan State University, **ERIC Clearinghouse on Teacher Education**, Document No. SP 022 909 (ED 235 117), 26 pp. (CP)
135. R.M. Malina, P.H. Buschang, W.L. Aronson, and H.A. Selby, 1982. Aging in selected anthropometric dimensions in a rural Zapotec-speaking community in the Valley of Oaxaca, Mexico. **Social Science and Medicine** 16:217-222. (RJ)
136. A.N. Zavaleta and R.M. Malina, 1982. Growth and body composition of Mexican American boys 9 through 14 years of age. **American Journal of Physical Anthropology** 57:261-271. (RJ)
137. R.M. Malina, 1982. Delayed age of menarche of athletes. **Journal of the American Medical Association** 247:3312. (RJ, comment)
138. R.M. Malina, C. Bouchard, R.F. Shoup, and G. Lariviere, 1982. Age, family size and birth order in Montreal Olympic athletes. In **Physical Structure of Olympic Athletes, Part I. The Montreal Olympic Games Anthropological Project**, J.E.L. Carter, editor, pp. 13-24. Basel, Switzerland: S. Karger. (CSB)
139. R.M. Malina, C. Bouchard, R.F. Shoup, A. Demirjian, and G. Lariviere, 1982. Growth and maturity status of Montreal Olympic athletes less than 18 years of age. In **Physical Structure of Olympic Athletes, Part I. The Montreal Olympic Games Anthropological Project**, J.E.L. Carter, editor, pp. 117-127. Basel, Switzerland: S. Karger. (CSB)
140. W.H. Mueller, R.F. Shoup, and R.M. Malina, 1982. Fat patterning in athletes in relation to ethnic origin and sport. **Annals of Human Biology** 9:371-376. (RJ)
141. R.M. Malina, 1982. Physical growth and maturity characteristics of young athletes. In **Children and Sport**, 2nd edition, revised, R.A. Magill, M.J. Ash and F.L. Smoll, editors, pp. 73-96. Champaign, IL: Human Kinetics. (CSB)

142. B.W. Meleski, R.F. Shoup, and R.M. Malina, 1982. Size, physique, and body composition of competitive female swimmers 11 through 20 years of age. **Human Biology** 54:609-625. (RJ)
143. R.M. Malina, 1982. Motor development in the early years. In **The Young Child: Reviews of Research**, Volume 3, S.G. Moore and C.R. Cooper, editors, pp. 211-229. Washington, DC: National Association for the Education of Young Children. (CSB)
144. R.M. Malina, editor, 1982. **Yearbook of Physical Anthropology**, Volume 25, 208 pp. New York, NY: Alan R. Liss. (EV)
145. R.M. Malina, W.H. Mueller, C. Bouchard, R.F. Shoup, and G. Lariviere, 1982. Fatness and fat patterning among athletes at the Montreal Olympic Games, 1976. **Medicine and Science in Sports and Exercise** 14:445-452. (RJ)
146. R.M. Malina, 1982. Human biology of urban and rural communities in the Valley of Oaxaca, Mexico. In **Ekologia Populacji Ludzkich**, N. Wolanski, editor, pp. 469-503. Wroclaw, Poland: Ossolineum, Wydawnictwo Polskiej Akademii Nauk. (CP)
147. G. Beunen, R.M. Malina, M. Ostyn, R. Renson, J. Simons, and D. Van Gerven, 1982. Fatness and skeletal maturity of Belgian boys 12 through 17 years of age. **American Journal of Physical Anthropology** 59:387-392. (RJ)
148. R.M. Malina, B.W. Meleski, and R.F. Shoup, 1982. Anthropometric, body composition, and maturity characteristics of selected school-age athletes. **Pediatric Clinics of North America** 29:1305-1323. (RJ)
149. R.M. Malina, 1982. Secular changes in strength and physical performance. **Roczniki Naukowe Akademia Wychowania Fizycznego w Poznaniu**, Zeszyt 30 (1981), pp. 29-72. Warszawa-Poznan: Panstwowe Wydawnictwo Naukowe. (CSB)
150. R.M. Malina, P.H. Buschang, W.L. Aronson, and H.A. Selby, 1982. Childhood growth status of eventual migrants and sedentes in a rural Zapotec community in the Valley of Oaxaca, Mexico. **Human Biology** 54:709-716. (RJ)
151. A.F. Roche and R.M. Malina, 1983. **Manual of Physical Status and Performance in Childhood, Volume 1. Physical Status**. New York, NY: Plenum, 1440 pp. (BK)
152. R.M. Malina and A.F. Roche, 1983. **Manual of Physical Status and Performance in Childhood, Volume 2. Physical Performance**. New York, NY: Plenum, 803 pp. (BK)
153. R.M. Malina, 1983. Socio-cultural influences on physical activity and performance. **Bulletin de la Societe Royale Belge d'Anthropologie et de Prehistoire** 94:155-176. (CP)
154. R.M. Malina, 1983. Menarche in athletes: a synthesis and hypothesis. **Annals of Human Biology** 10:1-24. (RJ)
155. R.M. Malina, H.A. Selby, P.H. Buschang, W.L. Aronson, and R.G. Wilkinson, 1983. Adult stature and age at menarche in Zapotec-speaking communities in the Valley of Oaxaca, Mexico, in a secular perspective. **American Journal of Physical Anthropology** 60: 437-449. (RJ)
156. C. Bouchard and R.M. Malina, 1983. Genetics for the sport scientist: selected methodological considerations. **Exercise and Sport Sciences Reviews** 11:275-305. (RJ)
157. C. Bouchard and R.M. Malina, 1983. Genetics of physiological fitness and motor performance. **Exercise and Sport Sciences Reviews** 11:306-339. (RJ)

158. R.M. Malina, H.A. Selby, P.H. Buschang, W.L. Aronson, and B.B. Little, 1983. Assortative mating for phenotypic characteristics in a Zapotec community in Oaxaca, Mexico. **Journal of Biosocial Science** 15:273-280. (RJ)
159. R.M. Malina, 1983. Human growth, maturation, and regular physical activity. **Acta Medica Auxologica** 15:5-23. (RJ)
160. P.H. Buschang and R.M. Malina, 1983. Growth in height and weight of mild-to-moderately undernourished Zapotec school children. **Human Biology** 55:587-597. (RJ)
161. G. Beunen, R.M. Malina, M. Ostyn, R. Renson, J. Simons, and D. Van Gerven, 1983. Fatness, growth and motor fitness of Belgian boys 12 through 20 years of age. **Human Biology** 55:599-613. (RJ)
162. R.M. Malina, editor, 1983. **Yearbook of Physical Anthropology**, Volume 26, 233 pp. New York, NY: Alan R. Liss. (EV)
163. R.M. Malina, B.B. Little, M.P. Stern, S.P. Gaskill, and H.P. Hazuda, 1983. Ethnic and social class differences in selected anthropometric characteristics of Mexican American and Anglo adults: The San Antonio Heart Study. **Human Biology** 55:867-883. (RJ)
164. R.M. Malina, 1983. Growth and maturity profile of primary school children in the Valley of Oaxaca, Mexico. **Garcia de Orta Serie de Antropobiologia: Revista do Instituto de Investigacao Cientifica Tropical (Lisboa)** 2(1 & 2):153-157. (RJ)
165. R.M. Malina, 1984. Physical growth and maturation. In **Motor Development during Childhood and Adolescence**, J.R. Thomas, editor, pp. 2-26. Minneapolis, MN: Burgess. (CSB)
166. T. Bielicki, J. Koniarek, and R.M. Malina, 1984. Interrelationships among certain measures of growth and maturation rate in boys during adolescence. **Annals of Human Biology** 11:201-210. (RJ)
167. R.M. Malina, 1984. Kinanthropometric research in human growth. In **Human Growth and Development**, J. Borms, R. Hauspie, A. Sand, C. Susanne, and M. Hebbelinck, editors, pp. 437-451. New York, NY: Plenum. (CP)
168. R.M. Malina, 1984. Physical activity and motor development/ performance in populations nutritionally at risk. In **Energy Intake and Activity**, E. Pollitt and P. Amante, editors, pp. 285-302. New York, NY: Alan R. Liss. (CP)
169. J.E. Schutte, E.J. Townsend, J. Hugg, R.F. Shoup, R.M. Malina, and C.G. Blomqvist, 1984. Density of lean body mass is greater in Blacks than in Whites. **Journal of Applied Physiology** 56:1647-1649. (RJ)
170. C. Bouchard and R.M. Malina, 1984. Genetics and Olympic athletes: A discussion of methods and issues. In **Physical Structure of Olympic Athletes. Part II. Kinanthropometry of Olympic Athletes**, J.E.L. Carter, editor, pp. 28-38. Basel, Switzerland: S. Karger. (CSB)
171. R.M. Malina, B.B. Little, C. Bouchard, J.E.L. Carter, P.C.R. Hughes, D. Kunze, and L. Ahmed, 1984. Growth status of Olympic athletes less than 18 years of age: Young athletes at the Mexico City, Munich, and Montreal Olympic Games. In **Physical Structure of Olympic Athletes. Part II. Kinanthropometry of Olympic Athletes**, J.E.L. Carter, editor, pp. 183-201. Basel, Switzerland: S. Karger. (CSB)
172. R.M. Malina, 1984. Human growth, maturation, and regular physical activity. In **Advances in Pediatric Sport Sciences, Volume 1. Biological Issues**, R.A. Boileau, editor, pp. 59-83. Champaign, IL: Human Kinetics. (CSB)
173. R.M. Malina and P.H. Buschang, 1984. Anthropometric asymmetry in normal and mentally retarded males. **Annals of Human Biology** 11:515-531. (RJ)

174. R.M. Malina, 1984. Comments on clinical methods of assessing body composition. **Medicine and Science in Sports and Exercise** 16:614-615. (RJ)
175. R.M. Malina, editor, 1984. **Yearbook of Physical Anthropology**, Volume 27, 231 pp. New York, NY: Alan R. Liss. (EV)
176. R.M. Malina, 1984. Secular changes in strength and physical performance. **Studies in Human Ecology** 6:73-91. (RJ)
177. R.M. Malina and R.F. Shoup, 1985. Anthropometric and physique characteristics of female volleyball players at three competitive levels. **Humanbiologia Budapestinensis** 16:105-112. (RJ)
178. R.F. Shoup and R.M. Malina, 1985. Anthropometric and physique characteristics of female high school varsity athletes in three sports. **Humanbiologia Budapestinensis** 16:169-177. (RJ)
179. R.M. Malina, 1985. Human biology. In **Handbook of Latin American Studies, No. 45, Social Sciences 1983**, D.M. Martin, editor, pp. 192-227. Austin, TX: University of Texas Press. (CSB)
180. R.M. Malina and P.H. Buschang, 1985. Growth, strength and motor performance of Zapotec children, Oaxaca, Mexico. **Human Biology** 57:163-181. (RJ)
181. R.M. Malina and B.B. Little, 1985. Body composition, strength, and motor performance in undernourished boys. In **Children and Exercise XI**, R.A. Binkhorst, H.C.G. Kemper and W.H.M. Saris, editors, pp. 293-300. Champaign, IL: Human Kinetics. (CP)
182. M.I. Deutsch, W.H. Mueller, and R.M. Malina, 1985. Androgyny in fat patterning is associated with obesity in adolescents and young adults. **Annals of Human Biology** 12:275-286. (RJ)
183. R.M. Malina, 1985. Growth and physical performance of Latin American children and youth: socio-economic and nutritional contrasts. **Collegium Antropologicum** 9:9-31. (CP, reprinted in **UNISA Latin American Report** (Pretoria) 3(1):28-49, 1987).
184. M. Moriyama, T. Takemoto, H. Kashiwazaki, T. Suzuki, and R.M. Malina, 1985. An analysis of relationships between menarche and attained body size. **Journal of the Anthropological Society of Nippon** 93:33-43. (RJ)
185. B.W. Meleski and R.M. Malina, 1985. Changes in body composition and physique of elite university-level swimmers during a competitive season. **Journal of Sports Sciences** 3:33-40. (RJ)
186. R.M. Malina, B.B. Little, P.H. Buschang, J. DeMoss, and H.A. Selby, 1985. Socioeconomic variation in the growth status of children in a subsistence agricultural community. **American Journal of Physical Anthropology** 68:385-391. (RJ)
187. R.M. Malina, editor, 1985. **Yearbook of Physical Anthropology**, Volume 28, 266 pp. New York, NY: Alan R.Liss. (EV)
188. R.M. Malina, 1985. Charakterystyka wzrastania i dojrzewania mlodych sportowcow (growth and maturity characteristics of young athletes). **Sport Wyczynowy** 23(12):37-44. (TR)
189. R.M. Malina, 1985. Secular comparisons of the statures of Mexican and Mexican American children, youth and adults. **Acta Medica Auxologica** 17:21-34. (RJ)
190. R.M. Malina and C. Bouchard, editors, 1986. **Sport and Human Genetics**. Champaign, IL: Human Kinetics, 184 pp. (EV, CP)

191. R.M. Malina, 1986. Genetics of motor development and performance. In **Sport and Human Genetics**, R.M. Malina and C. Bouchard, editors, pp. 23-58. Champaign, IL: Human Kinetics. (CP)
192. R.M. Malina, 1986. Readiness for competitive sport. In **Sport for Children and Youths**, M.R. Weiss and D. Gould, editors, pp. 45-50. Champaign, IL: Human Kinetics. (CP)
193. R.M. Malina, 1986. Maturational considerations in elite young athletes. In **Perspectives in Kinanthropometry**, J.A.P. Day, editor, pp. 29-43. Champaign, IL: Human Kinetics. (CP)
194. R.M. Malina, 1986. Motor development and performance of children and youth in undernourished populations. In **Sport, Health, and Nutrition**, F.I. Katch, editor, pp. 213-226. Champaign, IL: Human Kinetics. (CP)
195. R.M. Malina, 1986. Growth of muscle tissue and muscle mass. In **Human Growth, Volume 2. Postnatal Growth and Neurobiology**, F. Falkner and J.M. Tanner, editors, pp. 77-99. New York, NY: Plenum. (CSB)
196. D.A. Bailey, R.M. Malina, and R.L. Mirwald, 1986. Physical activity and growth of the child. In **Human Growth, Volume 2. Postnatal Growth and Neurobiology**, F. Falkner and J.M. Tanner, editors, pp. 147-170. New York, NY: Plenum. (CSB)
197. S.M. Haffner, M.P. Stern, H.P. Hazuda, M. Rosenthal, J.A. Knapp, and R.M. Malina, 1986. The role of obesity and fat patterning in non-insulin dependent diabetes mellitus in Mexican Americans and non-Hispanic Whites. **Diabetes Care** 9:153-161. (RJ)
198. P.H. Buschang, R.M. Malina, and B.B. Little, 1986. Linear growth of Zapotec schoolchildren: growth status and yearly velocity for leg length and sitting height. **Annals of Human Biology** 13:225-234. (RJ)
199. R.M. Malina, 1986. Energy expenditure and physical activity during childhood and youth. In **Human Growth: A Multidisciplinary Review**, A. Demirjian, editor, pp. 215-225. London: Taylor and Francis. (CP)
200. R.M. Malina, 1986. Child growth and health studies in Oaxaca. **Practicing Anthropology**, special issue on Applied Directions and Dimensions in Biomedical Anthropology, 8(1-2):13-15. (RJ)
201. R.M. Malina, G. Beunen, R. Wellens, and A. Claessens, 1986. Skeletal maturity and body size of teenage Belgian track and field athletes. **Annals of Human Biology** 13:331-339. (RJ)
202. B.B. Little and R.M. Malina, 1986. Gene flow and variation in stature and craniofacial dimensions among indigenous populations of southern Mexico, Guatemala, and Honduras. **American Journal of Physical Anthropology** 70:505-512. (RJ)
203. B.B. Little, R.M. Malina, P.H. Buschang, J.H. DeMoss, and L.R. Little, 1986. Genetic and environmental effects on growth of children from a subsistence agricultural community in southern Mexico. **American Journal of Physical Anthropology** 71:81-87. (RJ)
204. R.M. Malina, 1986. Physical growth and maturation. In **Physical Activity and Well-Being**, V. Seefeldt, editor, pp. 3-38. Reston, VA: American Alliance for Health, Physical Education, Recreation and Dance. (CSB)
205. R.M. Malina, editor, 1986. **Yearbook of Physical Anthropology**, Volume 29, 210 pp. New York, NY: Alan R. Liss. (EV)
206. R.M. Malina, R. Martorell, and F. Mendoza, 1986. Growth status of Mexican American children and youths: Historical trends and contemporary issues. **Yearbook of Physical Anthropology** 29:45-79. (RJ)
207. R.M. Malina, A.N. Zavaleta, and B.B. Little, 1986. Estimated overweight and obesity in Mexican American school children. **International Journal of Obesity** 10:483-491. (RJ)

208. S.M. Haffner, M.P. Stern, H.P. Hazuda, J. Pugh, J.K. Patterson, and R.M. Malina, 1986. Upper body and centralized adiposity in Mexican Americans and non-Hispanic whites: Relationship to body mass index and other behavioral and demographic variables. **International Journal of Obesity** 10:493-502. (RJ)
209. R.M. Malina, B.B. Little, and P.H. Buschang. 1986. Sibling similarities in the strength and motor performance of undernourished school children. **Human Biology** 58:945-953. (RJ)
210. W.H. Mueller, M.I. Deutsch, R.M. Malina, D.A. Bailey, and R.L. Mirwald, 1986. Subcutaneous fat topography: Age changes and relationship to cardiovascular fitness in Canadians. **Human Biology** 58:955-973. (RJ)
211. R.M. Malina, K.H. Brown, and A.N. Zavaleta, 1987. Relative lower extremity length in Mexican American and in American Black and White youth. **American Journal of Physical Anthropology** 72:89-94. (RJ)
212. R.M. Malina, 1987. Bioelectric methods for estimating body composition: An overview and discussion. **Human Biology** 59:329-335. (RJ)
213. B.B. Little, R.M. Malina, P.H. Buschang, and J.H. DeMoss, 1987. Sibling correlations for growth status in schoolchildren from a rural community in Oaxaca, Mexico. **Annals of Human Biology** 14:11-21. (RJ)
214. R.M. Malina, A.N. Zavaleta, and B.B. Little, 1987. Body size, fatness, and leanness of Mexican American children in Brownsville, Texas: changes between 1972 and 1983. **American Journal of Public Health** 77:573-577. (RJ)
215. R.M. Malina, 1987. Human biology. In **Handbook of Latin American Studies, No. 47, Social Sciences 1985**, D.M. Martin, editor, pp. 201-227. Austin, TX: University of Texas Press. (CSB)
216. R.M. Malina, 1987. Nutrition and growth. In **Nutritional Anthropology**, F.E. Johnston, editor, pp. 173-196. New York, NY: Alan R. Liss. (CSB)
217. W.H. Mueller and R.M. Malina, 1987. Relative reliability of circumferences and skinfolds as measures of body fat distribution. **American Journal of Physical Anthropology** 72:437-439. (RJ)
218. R.M. Malina, A.N. Zavaleta, and B.B. Little, 1987. Secular changes in the stature and weight of Mexican American school children in Brownsville, Texas, between 1928 and 1983. **Human Biology** 59:509-522. (RJ)
219. R.M. Malina, 1986-1987. Sviluppo e prestazione sportiva (development and sport performance, part I). **Scuola dello Sport: Rivista di Cultura Sportiva** 6 (nuova serie, numero 7-8, Dicembre-Marzo):17-21. (TR)
220. R.M. Malina, B.B. Little, R.F. Shoup, and P.H. Buschang, 1987. Adaptive significance of small body size: strength and motor performance of school children in Mexico and Papua New Guinea. **American Journal of Physical Anthropology** 73:489-499. (RJ)
221. R.M. Malina, 1987. Sviluppo e prestazione sportiva (development and sport performance, part II). **Scuola dello Sport: Rivista di Cultura Sportiva** 6 (nuova serie, numero 9, Giugno):16-23. (TR)
222. H.J. Kaplowitz, W.H. Mueller, B.J. Selwyn, R.M. Malina, D.A. Bailey, and R.L. Mirwald, 1987. Sensitivities, specificities, and positive predictive values of simple indices of body fat distribution. **Human Biology** 59:809-825. (RJ)
223. R.M. Malina, 1987. Anthropometry. In **McGraw-Hill Encyclopedia of Science and Technology**, 6th edition, pp.621-622. New York: McGraw-Hill. (CSB)
224. R.M. Malina, 1987. Anthroposcopy. In **McGraw-Hill Encyclopedia of Science and Technology**, 6th edition, p. 622. New York: McGraw-Hill. (CSB)

225. R.M. Malina, 1988. Competitive youth sports and biological maturation. In **Competitive Sports for Children and Youth: An Overview of Research and Issues**, E.W. Brown and C.F. Branta, editors, pp. 227-245. Champaign, IL: Human Kinetics. (CP)
226. R.M. Malina and H.M. Eckert, editors, 1988. **Physical Activity in Early and Modern Populations**, American Academy of Physical Education Papers No. 21. Champaign, IL: Human Kinetics, 110 pp. (CP,EV)
227. R.M. Malina, 1988. Physical activity in early and modern populations: An evolutionary view. In **Physical Activity in Early and Modern Populations**, American Academy of Physical Education Papers No. 21, R.M. Malina and H.M. Eckert, editors, pp. 1-12. Champaign, IL: Human Kinetics. (CP)
228. G.P. Beunen, R.M. Malina, M.A. Van't Hof, J. Simons, M. Ostyn, R. Renson, and D. Van Gerven, 1988. **Adolescent Growth and Motor Performance: A Longitudinal Study of Belgian Boys**. Champaign, IL: Human Kinetics, 102 pp. (BK)
229. A.D. Martin, J.E.L. Carter, K.C. Hendy, and R.M. Malina, 1988. Segment lengths. In **Anthropometric Standardization Reference Manual**, T.G. Lohman, A.F. Roche and R. Martorell, editors, pp. 9-26. Champaign, IL: Human Kinetics. (CP, republished under the same title in an abridged version in 1991)
230. R.M. Malina, 1988. Physical anthropology. In **Anthropometric Standardization Reference Manual**, T.G. Lohman, A.F. Roche and R. Martorell, editors, pp. 99-102. Champaign, IL: Human Kinetics. (CP, republished under the same title in an abridged version in 1991)
231. R.M. Malina and C. Bouchard, 1988. Subcutaneous fat distribution during growth. In **Fat Distribution during Growth and Later Health Outcomes**, C. Bouchard and F.E. Johnston, editors, pp. 63-84. New York, NY: Alan R. Liss. (CP)
232. R.M. Malina, editor, 1988. **Young Athletes: Biological, Psychological and Educational Perspectives**. Champaign, IL: Human Kinetics, 305 pp. (CP,EV)
233. R.M. Malina, 1988. Biological maturity status of young athletes. In **Young Athletes: Biological, Psychological and Educational Perspectives**, R.M. Malina, editor, pp. 121-140. Champaign, IL: Human Kinetics. (CP)
234. R.M. Malina, 1988. Readiness for competitive sports. In **The Growing Child in Competitive Sport: 1987 BANC International Congress Proceedings**, pp. 67-77. Leeds, UK: National Coaching Foundation. (CP)
235. R.M. Malina, 1988. Growth, performance, activity, and training during adolescence. In **Women and Exercise: Physiology and Sports Medicine**, M.M. Shangold and G. Mirkin, editors, pp. 120-128. Philadelphia, PA: F.A. Davis. (CSB)
236. G. Beunen and R.M. Malina, 1988. Growth and physical performance relative to the timing of the adolescent spurt. **Exercise and Sport Sciences Reviews** 16:503-540. (RJ)
237. R. Martorell, R.M. Malina, R.O. Castillo, F.S. Mendoza, and I.G. Pawson, 1988. Body proportions in three ethnic groups: children and youths 2-17 years in NHANES II and HHANES. **Human Biology** 60:205-222. (RJ)
238. R.M. Malina, 1988. Racial/ethnic variation in the motor development and performance of American children. **Canadian Journal of Sport Sciences** 13:136-143. (RJ)
239. R.M. Malina, 1988. Growth and maturation of young athletes: Biological and social considerations. In **Children in Sport**, 3rd edition, revised, F.L. Smoll, R.A. Magill and M.J. Ash, editors, pp. 83-101. Champaign, IL: Human Kinetics. (CSB)

240. B.B. Little, P.H. Buschang, and R.M. Malina, 1988. Socioeconomic variation in estimated growth velocity of schoolchildren from a rural, subsistence agricultural community in southern Mexico. **American Journal of Physical Anthropology** 76:443-448. (RJ)
241. B.B. Little, R.M. Malina, and P.H. Buschang, 1988. Increased heterozygosity and child growth in an isolated subsistence agricultural community in the Valley of Oaxaca, Mexico. **American Journal of Physical Anthropology** 77:85-90. (RJ)
242. R.M. Malina, C. Bouchard, and G. Beunen, 1988. Human growth: Selected aspects of current research on well-nourished children. **Annual Review of Anthropology** 17:187-219. (RJ)
243. R.M. Malina, 1988. The average child deserves more fitness programs. **The Physician and Sportsmedicine** 16(10):39. (RJ, Guest Editorial)
244. R.M. Malina, 1988. Geschiktheid voor competitiesport (readiness for competitive sport). **Hermes**, Tijdschrift van het Instituut voor Lichamelijke Opleiding [Journal of the Institute of Physical Education, Catholic University of Leuven, Belgium] 19:267-282. (TR)
245. T. Grieder, A. Bueno Mendoza, A.E. Smith, Jr., and R.M. Malina, 1988. **La Galgada, Peru: A Preceramic Culture in Transition**. Austin: University of Texas Press, 282 pp. (BK)
246. R.M. Malina, 1988. Il momento opportuno: Il problema della maturità per lo sport nella fanciullezza e nell'adolescenza. **Scuola dello Sport: Rivista di Cultura Sportiva** 7 (nuova serie, numero 14, Settembre):14-20. (TR)
247. B.B. Little, D.S. Guzick, R.M. Malina, and M.B. Rocha Ferreira, 1989. Environmental influences cause menstrual synchrony, not pheromones. **American Journal of Human Biology** 1: 53-57. (RJ)
248. R.M. Malina, guest editor, 1989. Perspectives on Human Growth and Maturation. **American Journal of Human Biology**, special issue 1:141-228. (RJ, EV)
249. R.M. Malina, M.F. Skrabanek, and B.B. Little, 1989. Growth and maturity status of Black and White children classified as obese by different criteria. **American Journal of Human Biology** 1:193-199. (RJ)
250. R.M. Malina, 1989. Growth and maturation. In **Estudios de Antropología Biológica, IV Coloquio de Antropología Física "Juan Comas"**. Mexico, DF: Universidad Nacional Autónoma de México y Instituto Nacional de Antropología e Historia, pp. 55-73. (CP)
251. R.M. Malina, 1989. Growth and maturation: Normal variation and effect of training. In **Perspective in Exercise Science and Sports Medicine. Volume 2. Youth, Exercise, and Sport**, C.V. Gisolfi and D.R. Lamb, editors, pp. 223-265. Indianapolis, IN: Benchmark Press. (CP)
252. G. Beunen, R.M. Malina, A. Claessens, and R. Wellens, 1989. Skeletale maturiteit en lichaamsafmetingen bij jonge Belgische atletiekbeoefenaars (skeletal maturity and body size of teenage Belgian track and field athletes). **Hermes**, Tijdschrift van het Instituut voor Lichamelijke Opleiding [Journal of the Institute of Physical Education, Catholic University of Leuven, Belgium] 20:157-169. (TR)
253. R.M. Malina, 1989. Training for sport and puberty. In **Hormones and Sport**, Z. Laron and A.D. Rogol, editors, pp. 55-66. New York: Raven Press. (CP)
254. B.B. Little, R.M. Malina, P.H. Buschang, and L.R. Little, 1989. Natural selection is not related to reduced body size in a rural subsistence agricultural community in southern Mexico. **Human Biology** 61:287-296. (RJ)
255. B.B. Little and R.M. Malina, 1989. Genetic drift and natural selection in an isolated Zapotec-speaking community in the Valley of Oaxaca, southern Mexico. **Human Heredity** 39:99-106. (RJ)

256. R.M. Malina, 1989. Application of bioelectric impedance analysis to children and adolescents. In **Body Composition Measurements in Infants and Children, Report of the 98th Ross Conference on Pediatric Research**, pp. 14-19. Columbus, OH: Ross Laboratories. (CP)
257. R.M. Malina, 1989. Children in the exercise sciences. **Research Quarterly for Exercise and Sport** 60:305-317. (RJ)
258. R.M. Malina and C. Bouchard, 1989. Genetic considerations in physical fitness. In **Assessing Physical Fitness and Physical Activity in Population-Based Surveys**, T.F. Drury, editor, pp. 453-473. DHHS Pub. No. (PHS) 89-1253. Public Health Service, Washington, DC: US Government Printing Office. (CP)
259. R.M. Malina, 1989. The child and physical activity. **Hermes**, Tijdschrift van het Intituut voor Lichamelijke Opleiding [Journal of the Institute of Physical Education, Catholic University of Leuven, Belgium] 20:377-388. (RJ)
260. R.M. Malina, 1990. Growth, exercise, fitness, and later outcomes. In **Exercise, Fitness, and Health: A Consensus of Current Knowledge**, C. Bouchard, R.J. Shephard, T. Stephens, J.R. Sutton and B.D. McPherson, editors, pp. 637-653. Champaign, IL: Human Kinetics. (CP)
261. B.B. Little, R.M. Malina, and P.H. Buschang, 1990. Sibling similarity in annual growth increments in schoolchildren from a rural community in Oaxaca, Mexico. **Annals of Human Biology** 17:41-47. (RJ)
262. R. Wellens and R.M. Malina, 1990. The age at menarche. In **Growth and Fitness of Flemish Girls: The Leuven Growth Study**, J. Simons, G.P. Beunen, R. Renson, A.L.M. Claessens, B. Vanreusel and J.A.V. Lefevre, editors, pp. 119-125. Champaign, IL: Human Kinetics. (CSB)
263. R. Wellens, R.M. Malina, G. Beunen, and J. Lefevre, 1990. Age at menarche in Flemish girls: Current status and secular change in the 20th century. **Annals of Human Biology** 17:145-152. (RJ)
264. J-P. Despres, C. Bouchard, and R.M. Malina, 1990. Physical activity and coronary risk factors during childhood and adolescence. **Exercise and Sport Sciences Reviews** 18:243-261. (RJ)
265. R.M. Malina, 1990. Biocultural perspectives on physical activity and sport (conferencia inaugural). In **Humanismo y Nuevas Tecnologías en la Educación Física y el Deporte**, J. Duran, J.L. Hernandez and L.M. Ruiz, editors, pp. 27-36. Madrid: Instituto Nacional de Educacion Fisica, Universidad Politecnica de Madrid. (CP)
266. R.M. Malina, D.J. Eveld, and B. Woynarowska, 1990. Growth and sexual maturation of active Polish children 11-14 years of age. **Hermes**, Tijdschrift van het Intituut voor Lichamelijke Opleiding [Journal of the Institute of Physical Education, Catholic University of Leuven, Belgium] 21:341-353. (RJ)
267. R.M. Malina, 1990. Tracking of physical fitness and performance during growth. In **Children and Exercise**, Band 4, Schriftenreihe der Hamburg-Mannheimer-Stiftung fur Informationsmedizin, G. Beunen, J. Ghesquiere, T. Reybrouck and A.L. Claessens, editors, pp. 1-10. Stuttgart: Ferdinand-Enke-Verlag. (CP)
268. R.W. Wellens, R.M. Malina, and A.H. Buss, 1990. Activity as a temperamental trait: Relationship to physique and energy expenditure in young adults. In **Children and Exercise**, Band 4, Schriftenreihe der Hamburg-Mannheimer-Stiftung fur Informationsmedizin, G. Beunen, J. Ghesquiere, T. Reybrouck and A.L. Claessens, editors, pp. 170-176. Stuttgart: Ferdinand-Enke-Verlag. (CP)
269. R.M. Malina, 1990. Research on secular trends in auxology. **Anthropologischer Anzeiger** 48:209-227. (RJ)
270. R.M. Malina, 1990. Growth of Latin American children: Socioeconomic, urban-rural and secular comparisons. **Revista Brasileira de Ciencia e Movimento** 4:46-75. (RJ)

271. R.M. Malina, 1990. Physical growth and performance during the transitional years (9-16). In **From Childhood to Adolescence: A Transitional Period**, R. Montemayor, G.R. Adams and T.P. Gullotta, editors, pp. 41-62. Newbury Park, CA: Sage Publications. (CSB)
272. R.M. Malina and B.B. Little, 1990. Estimated body composition of boys 9-14 years of age from a rural Zapotec-speaking community in the Valley of Oaxaca. In **Para Conocer al Hombre: Homenaje a Santiago Genovés as los 33 Años como Investigador en la UNAM**, L. Lara Tapia, editor, pp. 553-559. Mexico, DF: Universidad Nacional Autonoma de México. (CSB)
273. R.M. Malina, 1991. Fitness and performance: Adult health and the culture of youth. In **New Possibilities, New Paradigms?** American Academy of Physical Education Papers No. 24, R.J. Park and H.M. Eckert, editors, pp. 30-38. Champaign, IL: Human Kinetics. (CP)
274. R.M. Malina, 1991. Ratios and derived indicators in the assessment of nutritional status. In **Anthropometric Assessment of Nutritional Status**, J.H. Himes, editor, pp. 151-171. New York: Wiley-Liss. (CSB)
275. R.M. Malina, 1991. Growth spurt, Adolescent. II. In **Encyclopedia of Adolescence, Volume I**, R.M. Lerner, A.C. Petersen and J. Brooks-Gunn, editors, pp. 425-429. New York: Garland Publishing. (CSB)
276. R.M. Malina, 1991. Puberty, Sport and. In **Encyclopedia of Adolescence, Volume II**, R.M. Lerner, A.C. Petersen and J. Brooks-Gunn, editors, pp. 908-911. New York: Garland Publishing. (CSB)
277. M.B. Rocha Ferreira, R.M. Malina, and L.L. Rocha, 1991. Anthropometric, functional and psychological characteristics of eight-year-old Brazilian children from low socioeconomic status. In **Human Growth, Physical Fitness and Nutrition**, R.J. Shephard and J. Parizkova, editors, pp. 109-118. Basel: S. Karger. (CSB)
278. R.M. Malina, B.B. Little, and P.H. Buschang, 1991. Estimated body composition and strength of chronically mild-to-moderately undernourished boys in southern Mexico. In **Human Growth, Physical Fitness and Nutrition**, R.J. Shephard and J. Parizkova, editors, pp. 119-132. Basel: S. Karger. (CSB)
279. R.M. Malina and C. Bouchard, 1991. **Growth, Maturation, and Physical Activity**. Champaign, IL: Human Kinetics, 501 pp. (BK)
280. B.B. Little, P.H. Buschang, and R.M. Malina, 1991. Heterozygosity and craniofacial dimensions of Zapotec school children from a subsistence community in the Valley of Oaxaca, southern Mexico. **Journal of Craniofacial Genetics and Developmental Biology** 11:18-23. (RJ)
281. R.M. Malina, 1991. Darwinian fitness, physical fitness and physical activity. In **Applications of Biological Anthropology to Human Affairs**, C.G.N. Mascie-Taylor and G.W. Lasker, editors, pp. 143-184. Cambridge: Cambridge University Press. (CSB)
282. R.M. Malina and M. Moriyama, 1991. Growth and motor performance of Black and White children 6-10 years of age: A multivariate analysis. **American Journal of Human Biology** 3:599-611. (RJ)
283. R.M. Malina and T. Bielicki, 1992. Growth and maturation of boys active in sports: Longitudinal observations from the Wroclaw Growth Study. **Pediatric Exercise Science** 4:68-77. (RJ)
284. R.M. Malina, 1992. Physique and body composition: Effects on performance and effects of training, semistarvation, and overtraining. In **Eating, Body Weight and Performance in Athletes**, K.D. Brownell, J. Rodin and J.H. Wilmore, editors, pp. 94-111. Philadelphia, PA: Lea and Febiger. (CSB)
285. G.P. Beunen, R.M. Malina, R. Renson, J. Simons, M. Ostry, and J. Lefevre, 1992. Physical activity and growth, maturation and performance: A longitudinal study. **Medicine and Science in Sports and Exercise** 24:576-585. (RJ)

286. T. Bielicki, R.M. Malina, and H. Waliszko, 1992. Monitoring the dynamics of social stratification: Statural variation among Polish conscripts in 1976 and 1986. **American Journal of Human Biology** 4:345-352. (RJ)
287. T. Baranowski, C. Bouchard, O. Bar-Or, T. Bricker, G. Heath, S.Y.S. Kimm, R.M. Malina, E. Obarzanek, R. Pate, W.B. Strong, B. Truman, and R. Washington, 1992. Assessment, prevalence, and cardiovascular benefits of physical activity and fitness in youth. **Medicine and Science in Sports and Exercise** 24(suppl):S237-247. (RJ)
288. A.L. Claessens, R.M. Malina, J. Lefevre, G. Beunen, V. Stijnen, H. Maes, and F.M. Veer, 1992. Growth and menarcheal status of elite female gymnasts. **Medicine and Science in Sports and Exercise** 24:755-763. (RJ)
289. R. Wellens, R.M. Malina, A.F. Roche, W.C. Chumlea, S. Guo, and R.M. Siervogel, 1992. Body size and fatness in young adults in relation to age at menarche. **American Journal of Human Biology** 4:783-787. (RJ)
290. R.M. Malina, 1992. Physical activity and behavioural development during childhood and youth. In **Physical Activity and Health**, Society for the Study of Human Biology Symposium 34, N.G. Norgan, editor, pp. 101-120. Cambridge: Cambridge University Press. (CP)
291. H. Danker-Hopfe, and R.M. Malina, 1992. Estimation of mean ages at menarche: Methodological considerations. **Acta Medica Auxologica** 24:173-180. (RJ)
292. T. Satake, P.G. Morris, H. Danker-Hopfe, and R.M. Malina, 1993. Plotting somatotypes using SAS/GRAPH. **American Journal of Human Biology** 5:237-241. (RJ)
293. T.M.K. Song, R.M. Malina, and C. Bouchard, 1993. Familial resemblance in somatotype. **American Journal of Human Biology** 5:265-272. (RJ)
294. R.M. Malina, 1993. Longitudinal perspectives on physical fitness during childhood and youth. In **World-Wide Variation in Physical Fitness**, A.L. Claessens, J. Lefevre and B. Vanden Eynde, editors, pp. 94-105. Leuven: Institute of Physical Education, Catholic University of Leuven. (CP)
295. R.M. Malina, 1993. Youth in competitive sport at elite levels. In **International Sports Science Conference '93: Optimising Performance**, W.M. Low, K.C. Teh, P. Goh, B.Y. Yeong, and H.J. Teo, editors, pp. 102-112. Singapore: Singapore Sports Council. (CP)
296. R.M. Malina, 1993. Ethnic variation in the prevalence of obesity in North American children and youth. **Critical Reviews in Food Science and Nutrition** 33 (4/5): 389-396. (RJ)
297. R.M. Malina and J.L. Gabriel, editors, 1993. **U.S. Diving Sport Science Seminar 1993, Proceedings**. Indianapolis, IN: United States Diving, 164 pp. (CP,EV)
298. R.M. Malina and C.A. Geithner, 1993. Background in sport, growth status, and growth rate of Junior Olympic divers. In **U.S. Diving Sport Science Seminar 1993, Proceedings**, R.M. Malina and J.L. Gabriel, editors, pp. 26-35. Indianapolis, IN: United States Diving. (CP)
299. C.A. Geithner and R.M. Malina, 1993. Somatotypes of Junior Olympic divers. In **U.S. Diving Sport Science Seminar 1993, Proceedings**, R.M. Malina and J.L. Gabriel, editors, pp. 36-40. Indianapolis, IN: United States Diving. (CP)
300. S.J. Anderson, R. O'Brien, J.L. Gabriel, W.H. Heusner, R.M. Malina, C.A. Geithner, D. Golden, and J. Shea, 1993. Sport, medical and injury background of Junior Olympic divers. In **U.S. Diving Sport Science Seminar 1993, Proceedings**, R.M. Malina and J.L. Gabriel, editors, pp. 41-49. Indianapolis, IN: United States Diving. (CP)
301. R.M. Malina, 1993. Youth sports: Readiness, selection and trainability. In **Kinanthropometry IV**, W.

- Duquet and J.A.P. Day, editors, pp. 285-301. London: E & FN Spon. (CP)
302. R.M. Malina, 1994. Growth, performance, activity, and training during adolescence. In **Women and Exercise: Physiology and Sports Medicine**, 2nd edition, M. Shangold and G. Mirkin, editors, pp. 141-151. Philadelphia: F.A. Davis. (CSB)
303. R.M. Malina, 1994. Benefits of physical activity from a lifetime perspective. In **Toward Active Living**, H.A. Quinney, L. Gauvin and A.E.T. Wall, editors, pp. 47-53. Champaign, IL: Human Kinetics. (CP)
304. R.M. Malina, 1994. Physical activity: Relationship to growth, maturation, and physical fitness. In **Physical Activity, Fitness, and Health**, C. Bouchard, R.J. Shephard and T. Stephens, editors, pp. 918-930. Champaign, IL: Human Kinetics. (CP)
305. R.M. Malina, 1994. Anthropometry, strength and motor fitness. In **Anthropometry: The Individual and the Population**, S.J. Ulijaszek and C.G.N. Mascie-Taylor, editors, pp. 160-177. Cambridge: Cambridge University Press. (CSB)
306. R.M. Malina and M.E. Pena Reyes, 1994. Relative fat distribution: Relationship to skeletal maturation, growth status, and motor fitness of boys 8-11 years. **American Journal of Human Biology** 6:19-23. (RJ)
307. T.M.K. Song, L. Perusse, R.M. Malina, and C. Bouchard, 1994. Twin resemblance in somatotype and comparisons with other twin studies. **Human Biology** 66:453-464. (RJ)
308. T. Satake, R.M. Malina, S. Tanaka, and F. Kikuta, 1994. Individual variation in the sequence of ages at peak velocity in seven body dimensions. **American Journal of Human Biology** 6:359-367. (RJ)
309. R.M. Malina, 1994. Physical growth and biological maturation of young athletes. **Exercise and Sport Sciences Reviews** 22:389-433. (RJ)
310. R.M. Malina, 1994. Physical activity and training: Effects on stature and the adolescent growth spurt. **Medicine and Science in Sports and Exercise** 26:759-766. (RJ)
311. R.M. Malina, 1994. Attained size and growth rate of female volleyball players between 9 and 13 years of age. **Pediatric Exercise Science** 6:257-266. (RJ)
312. R.M. Malina, R.C. Ryan, and C.M. Bonci, 1994. Age at menarche in athletes and their mothers and sisters. **Annals of Human Biology** 21:417-422. (RJ)
313. G.P. Beunen, R.M. Malina, J.A. Lefevre, A.L. Claessens, R. Renson, and B. Vanreusel, 1994. Adiposity and biological maturity in girls 6-16 years of age. **International Journal of Obesity** 18:542-546. (RJ)
314. G.P. Beunen, R.M. Malina, J.A. Lefevre, A.L. Claessens, R. Renson, J. Simons, H. Maes, B. Vanreusel, and R. Lysens, 1994. Size, fatness and relative fat distribution of males of contrasting maturity status during adolescence and as adults. **International Journal of Obesity** 18:670-678. (RJ)
315. R.M. Malina, 1994. Children in elite sport: Auxological considerations. In **Auxology '94: Children and Youth at the End of the 20th Century**, O. Eiben, editor, **Humanbiologia Budapestinensis** 25:441-451. (CP)
316. M.E. Pena Reyes, E. Cardenas-Barahona, and R.M. Malina, 1994. Growth, physique, and skeletal maturation of soccer players 7-17 years of age. In **Auxology '94: Children and Youth at the End of the 20th Century**, O. Eiben, editor, **Humanbiologia Budapestinensis** 25: 453-458. (CP)
317. O. Bar-Or and R.M. Malina, 1995. Activity, fitness, and health of children and adolescents. In **Child Health, Nutrition, and Physical Activity**, L.W.Y. Cheung and J.B. Richmond, editors, pp. 79-123. Champaign, IL: Human Kinetics. (CP)

318. R.M. Malina, 1995. Issues in normal growth and maturation. **Current Opinion in Endocrinology and Diabetes** 2:83-90. (RJ)
319. R.M. Malina, 1995. Physical activity and fitness of children and youth: Questions and implications. **Medicine, Exercise, Nutrition, and Health** 4:123-135. (RJ)
320. R.M. Malina, G.P. Beunen, A.L. Claessens, J. Lefevre, B.V. Eynde, R. Renson, B. Vanreusel, and J. Simons, 1995. Fatness and physical fitness of girls 7 to 17 years. **Obesity Research** 3:221-232. (RJ)
321. R.M. Malina, 1995. Anthropometry. In **Physiological Assessment of Human Fitness**, P.J. Maud and C. Foster, editors, pp. 205-219. Champaign, IL: Human Kinetics. (CP)
322. Y-C. Huang and R.M. Malina, 1995. Secular changes in the stature and weight of Taiwanese children, 1964-1988. **American Journal of Human Biology** 7:485-496. (RJ)
323. R.M. Malina, 1995. Cardiovascular health status of Latin American children and youth. In **New Horizons in Pediatric Exercise Science**, C.J.R. Blimkie and O. Bar-Or, editors, pp. 195-220. Champaign, IL: Human Kinetics. (CP)
324. T.M.K. Song, G. Theriault, D. Prud'homme, R.M. Malina, and C. Bouchard, 1995. Relationships of physical fitness, fatness, and lifestyle indicators with blood iron in children and adults. **American Journal of Human Biology** 7:631-641. (RJ)
325. R.M. Malina and D.M.S. Merrett, 1995. Androgyny of physique of women athletes: Comparisons by sport and over time. In **Essays on Auxology**, R. Hauspie, G. Lindgren and F. Falkner, editors, pp. 355-363. Welwyn Garden City, Hertfordshire, UK: Castlemead Publications. (CSB)
326. R.M. Malina and J.L. Gabriel, editors, 1995. **U.S. Diving Sport Science Seminar 1995: Proceedings**. Indianapolis, IN: United States Diving, 106 pp. (CP,EV)
327. M.E. Pena Reyes, R.M. Malina, B.B. Little, and P. Buschang, 1995. Consumo de alimentos en una comunidad rural Zapoteca en el Valle de Oaxaca. In **Estudios de Antropología Biológica, Volumen V**, R.M. Ramos Rodriguez and S. Lopez Alonso, editors, pp. 407-414. Mexico, DF: Instituto Nacional de Antropología e Historia. (CP)
328. R.M. Malina, Y-C. Huang, and K.H. Brown, 1995. Subcutaneous adipose tissue distribution in adolescent girls of four ethnic groups. **International Journal of Obesity** 19:793-797. (RJ)
329. R.M. Malina, 1996. The young athlete: Biological growth and maturation in a biocultural context. In **Children and Youth in Sport: A Biopsychosocial Perspective**, F.L. Smoll and R.E. Smith, editors, pp. 161-186. Dubuque, IA: Brown and Benchmark Publishers. (CSB)
330. R.M. Malina, 1996. Regional body composition: Age, sex, and ethnic variation. In **Human Body Composition**, A.F. Roche, S.B. Heymsfield and T.G. Lohman, editors, pp. 217-255. Champaign, IL: Human Kinetics. (CSB)
331. R.M. Malina, 1996. Situación de la salud cardiovascular en los niños y jóvenes latinoamericanos. **Anales de Pediatría de México**, pp. 17-29, January-March. (TR)
332. Y-C. Huang and R.M. Malina, 1996. Physical activity and correlates of estimated energy expenditure in Taiwanese adolescents 12-14 years of age. **American Journal of Human Biology** 8:225-236. (RJ)
333. E. Benefice, K. Simondon, and R.M. Malina, 1996. Physical activity patterns and anthropometric changes in Senegalese women observed over a complete seasonal cycle. **American Journal of Human Biology** 8:251-261. (RJ)

334. G. Beunen and R.M.Malina, 1996. Growth and biological maturation: Relevance to athletic performance. In **The Child and Adolescent Athlete**, O. Bar-Or, editor, pp. 3-24. Oxford: Blackwell Science. (CSB)
335. R.M. Malina and G. Beunen, 1996. Matching of opponents in youth sports. In **The Child and Adolescent Athlete**, O. Bar-Or, editor, pp. 202-213. Oxford: Blackwell Science. (CSB)
336. R.M. Malina and G. Beunen, 1996. Monitoring of growth and maturation. In **The Child and Adolescent Athlete**, O. Bar-Or, editor, pp. 647-672. Oxford: Blackwell Science. (CSB)
337. R.M. Malina, D.M.S. Merrett, C.M. Bonci, R.C. Ryan, and R.E. Wellens, 1996. Relationship between androgyny and somatotype in female athletes and non-athletes. In **Human Biology – Global Developments**, L.S. Sidhu and S.P. Singh, editors, pp. 27-37. Ludhiana, India: USG Publishers. (CSB)
338. S.R. Siegel, P.T. Katzmarzyk, and R.M. Malina, 1996. Somatotypes of female soccer players 10-24 years of age. In **Studies in Human Biology**, E. Bodzsar and C. Susanne, editors, pp. 277-285. Budapest: Eotvos University Press. (CSB)
339. R.M. Malina and T. Bielicki, 1996. Retrospective longitudinal growth study of boys and girls active in sport. **Acta Paediatrica** 85:570-576, 1996. (RJ)
340. R.M. Malina, P.T. Katzmarzyk, and G. Beunen, 1996. Birth weight and its relationship to size attained and relative fat distribution at 7-12 years of age. **Obesity Research** 4:385-390. (RJ)
341. R.M. Malina, 1996. Tracking of physical activity and physical fitness across the lifespan. **Research Quarterly for Exercise and Sport** 67(suppl):48-57. (RJ)
342. E. Benefice and R.M. Malina, 1996. Body size, body composition and motor performance of mild-to-moderately undernourished Senegalese children. **Annals of Human Biology** 23:307-321. (RJ)
343. R.M. Malina, 1996. Sudden death in young athletes. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 19(2):1-2. (PR)
344. R.M. Malina, 1996. Familial factors in physical activity and performance of children and youth. **Journal of Human Ecology, Special Issue No. 4: The Family as an Environment for Human Development**. Delhi, India: Kamla-Raj Enterprises, pp. 131-143. (CSB)
345. E. Benefice, T. Fouere, R.M. Malina, and G. Beunen, 1996. Anthropometric and motor characteristics of Senegalese children with different nutritional histories. **Child: Care, Health and Development** 22:151-165. (RJ)
346. E. Benefice, T. Fouere, R.M. Malina, and G. Beunen, 1996. Anthropometrie et performances motrices d'enfants Senegalais de 4-6 ans. **Cahiers d'Anthropologie et Biometrie Humaine (Paris)** 14: 163-170. (CP)
347. R.M. Malina, 1996. Growth and maturation of female gymnasts. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 19(3):1-3. (PR)
348. R.M. Malina, 1997. Anthropometry in physical education and sport sciences. In **History of Physical Anthropology: An Encyclopedia, Volume One**, F. Spencer, editor, pp. 90-94. New York: Garland Publishing, Inc. (CSB)
349. R.J. Klika and R.M. Malina, 1997. Predicting skiing performance in 14-18 year old competitive alpine skiers. In **Science and Skiing**, E. Muller, H. Schwameder, E. Kornexl and C. Raschner, editors, pp. 272-284. London: E & FN Spon. (CP)
350. R.M. Malina, P.T. Katzmarzyk, C.M. Bonci, R.C. Ryan, and R.E. Wellens, 1997. Family size and age at menarche in athletes. **Medicine and Science in Sports and Exercise** 29:99-106. (RJ)

351. R.M. Malina, G. Beunen, J. Lefevre, and B. Woynarowska, 1997. Maturity-associated variation in peak oxygen uptake in active adolescent boys and girls. **Annals of Human Biology** 24:19-31. (RJ)
352. G.P. Beunen, D.M. Rogers, B. Woynarowska, and R.M. Malina, 1997. Longitudinal study of ontogenetic allometry of oxygen uptake in boys and girls grouped by maturity status. **Annals of Human Biology** 24:33-43. (RJ)
353. R.M. Malina, 1997. Program for Athletic Coaches' Education (PACE) into the 21st Century. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 19(4):1-2. (PR)
354. R.M. Malina, P.T. Katzmarzyk, T.M.K. Song, G. Theriault, and C. Bouchard, 1997. Somatotype and cardiovascular risk factors in healthy adults. **American Journal of Human Biology** 9:11-19. (RJ)
355. G.P. Beunen, R.M. Malina, J. Lefevre, A.L. Claessens, R. Renson, and J. Simons, 1997. Prediction of adult stature and noninvasive assessment of biological maturation. **Medicine and Science in Sports and Exercise** 29:225-230. (RJ)
356. C. Bouchard, R.M. Malina, and L. Perusse, 1997. **Genetics of Fitness and Physical Performance**. Champaign, IL: Human Kinetics, 400 pp. (BK)
357. J.N. Roemmich, R.M. Blizzard, S.D. Peddada, R.M. Malina, A.F. Roche, J.M. Tanner, and A.D. Rogol, 1997. Longitudinal assessment of hormonal and physical alterations during normal puberty in boys. IV: Predictions of adult height by the Bayley-Pinneau, Roche-Wainer-Thissen, and Tanner-Whitehouse methods compared. **American Journal of Human Biology** 9:371-380. (RJ)
358. V. Seefeldt, R.M. Malina, and P. T. Katzmarzyk, 1997. Facts and myths about pediatric sports injuries: What science tells us. In **Proceedings, National Athletic Trainers' Association, 48th Annual Meeting and Clinical Symposia**, pp. 134-136. Champaign, IL: Human Kinetics. (CP)
359. R.M. Malina, 1997. Talent identification and selection in sport. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 20(1):1-3. (PR)
360. G. Beunen, M. Ostin, J. Simons, R. Renson, A.L. Claessens, B. Vanden Eynde, J. Lefevre, B. Vanreusel, R.M. Malina, and M.A. van't Hof, 1997. Development and tracking of fitness components: Leuven Longitudinal Study of Lifestyle, Fitness and Health. **International Journal of Sports Medicine** 18 (suppl 3):S171-S178. (RJ)
361. R.M. Malina, B. Woynarowska, T. Bielicki, G. Beunen, D. Eweld, C.A. Geithner, Y-C. Huang, and D.M. Rogers, 1997. Prospective and retrospective longitudinal studies of the growth, maturation, and fitness of Polish youth active in sport. **International Journal of Sports Medicine** 18 (suppl 3):S179-S185. (RJ)
362. G.P. Beunen, R.M. Malina, J. Lefevre, A.L. Claessens, R. Renson, B. Vanden Eynde, B. Vanreusel, and J. Simons, 1997. Skeletal maturation, somatic growth and physical fitness in girls 6-16 years of age. **International Journal of Sports Medicine** 18:413-419. (RJ)
363. P.T. Katzmarzyk, R.M. Malina, and G.P. Beunen, 1997. The contribution of biological maturation to the strength and motor fitness of children. **Annals of Human Biology** 24:493-505. (RJ)
364. R.M. Malina, 1997. Youth sports and the growth of children. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 20(2):1-2, 6-7. (PR)
365. R.M. Malina, 1997. Activity and fitness of youth: Are they related? Do they track? In **Exercise and Fitness: Benefits and Risks**, K. Froberg, O. Lammert, H. St. Hansen and C.J.R. Blimkie, editors, pp. 161-171. Odense, Denmark: Odense University Press. (CP)

366. R.M. Malina, 1997. Menarche in athletes: Delayed or simply late? **Medicina Sportiva** (Krakow) 1:153-165. (CP)
367. C. Bouchard and R.M. Malina, 1998. Croissance et maturation de l'enfant. In **L'Enfant et le Sport : Introduction a un Traité de Médecine du Sport Chez l'Enfant**, C.M. Thiebault and P. Sprumont, editors, pp. 17-26. Bruxelles, Belgique: DeBoeck Université. (CSB)
368. J.C. Martin and R.M. Malina, 1998. Developmental variations in anaerobic performance associated with age and sex. In **Pediatric Anaerobic Performance**, E. Van Praagh, editor, pp. 45-64. Champaign, IL: Human Kinetics. (CSB)
369. P.T. Katzmarzyk, R.M. Malina, T.M.K. Song, G. Theriault, and C. Bouchard, 1998. Physique and echocardiographic dimensions in children, adolescents and young adults. **Annals of Human Biology** 25:145-157. (RJ)
370. P.T. Katzmarzyk, R.M. Malina, T.M.K. Song, and C. Bouchard, 1998. Somatotype and indicators of metabolic fitness in youth. **American Journal of Human Biology** 10:341-350. (RJ)
371. P.T. Katzmarzyk, R.M. Malina, T.M.K. Song, and C. Bouchard, 1998. Physical activity and health-related fitness in youth: A multivariate analysis. **Medicine and Science in Sports and Exercise** 30:709-714. (RJ)
372. R. M. Malina, 1998. Growth and maturation of young athletes - Is training for sport a factor? In **Sports and Children**, K-M. Chan and L.J. Micheli, editors, pp. 133-161. Hong Kong: Williams and Wilkins Asia-Pacific. (CP)
373. R.M. Malina, 1998. Menarche in athletes: Delayed or simply late? **Sport Health** (Sports Medicine Australia) 16(2):11-13. (PR)
374. E.W. Brown, M.A. Clark, M.E. Ewing, and R.M. Malina, 1998. Participation in youth sports: Benefits and risks. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 21(2):1-4. (PR)
375. C.A. Geithner, B. Woynarowska, and R.M. Malina, 1998. The adolescent spurt and sexual maturation in girls active and not active in sport. **Annals of Human Biology** 25:415-423. (RJ)
376. R.M. Malina, 1998. Post-natal growth and maturation. In **The Cambridge Encyclopedia of Human Growth and Development**, S.J. Ulijaszek, F.E. Johnston, and M.A. Preece, editors, pp. 177-181. Cambridge: Cambridge University Press. (CSB)
377. R.M. Malina, 1998. Physical activity and training for sport as factors affecting growth and maturation. In **The Cambridge Encyclopedia of Human Growth and Development**, S.J. Ulijaszek, F.E. Johnston, and M.A. Preece, editors, pp. 216-219. Cambridge: Cambridge University Press. (CSB)
378. R.M. Malina, 1998. Motor development and performance. In **The Cambridge Encyclopedia of Human Growth and Development**, S.J. Ulijaszek, F.E. Johnston, and M.A. Preece, editors, pp. 247-250. Cambridge: Cambridge University Press. (CSB)
379. R.M. Malina, P.T. Katzmarzyk, and S.R. Siegel, 1998. Overnutrition, undernutrition and the body mass index: Implications for strength and motor fitness. In **Physical Fitness and Nutrition during Growth**, J. Parizkova and A.P. Hills, editors, pp. 13-26. Basel: S. Karger. (CSB)
380. R.M. Malina, 1998. Physical activity, sport, social status and Darwinian fitness. In **Human Biology and Social Inequality**, S.S. Strickland and P.S. Shetty, editors, pp. 165-192. Cambridge: Cambridge University Press. (CSB)
381. V. Seefeldt and R.M. Malina, 1998. **The prevention of injuries in in-line skating. Position statement.**

- Michigan Governor's Council on Physical Fitness, Health and Sports. Lansing, MI: Michigan Department of Community Health, DHC-0460, 8 pp. (TRP)
382. P.T. Katzmarzyk and R.M. Malina, 1998. Obesity and relative subcutaneous fat distribution among Canadians of First Nation and European ancestry. **International Journal of Obesity** 22:1127-1131. (RJ)
383. P.T. Katzmarzyk and R.M. Malina, 1998. Contribution of organized sports participation to estimated daily energy expenditure in youth. **Pediatric Exercise Science** 10:378-386. (RJ)
384. G. Beunen, H.H. Maes, R. Vlietinck, R.M. Malina, M. Thomis, E. Feys, R. Loos, and C. Derom, 1998. Univariate and multivariate genetic analysis of subcutaneous fatness and fat distribution in early adolescence. **Behavior Genetics** 28:279-288. (RJ)
385. P.T. Katzmarzyk, R.M. Malina, T.M.K. Song, and C. Bouchard, 1998. Television viewing, physical activity and health-related fitness of youth in the Quebec Family Study. **Journal of Adolescent Health** 23:318-325. (RJ)
386. R.M. Malina and E.W. Brown, 1998. Growth and maturation of football players: Implications for selection in youth programs. **Insight: The F.A. Coaches Association Journal** 2(issue 1, Autumn):27-30. (PR)
387. L.J. Micheli, N. Armstrong, O. Bar-Or, C. Boreham, K. Chan, R. Eston, A. Hills, N. Maffulli, R.M. Malina, N.V.K. Nair, A. Nevill, T. Rowland, C. Sharp, W.D. Stanish, and S. Tanner, 1998. Sports and children: Consensus statement on organized sports for children. **Bulletin of the World Health Organization** 76:455-457. (RJ)
388. W.C. Taylor, S.N. Blair, S.S. Cummings, C.C. Wun, and R.M. Malina, 1999. Childhood and adolescent physical activity patterns and adult physical activity. **Medicine and Science in Sports and Exercise** 31:118-123. (RJ)
389. R.M. Malina, S. Koziel, and T. Bielicki, 1999. Variation in subcutaneous adipose tissue distribution associated with age, sex, and maturation. **American Journal of Human Biology** 11:189-200. (RJ)
390. P.T. Katzmarzyk and R.M. Malina, 1999. Body size and physique among Canadians of First Nation and European ancestry. **American Journal of Physical Anthropology** 108:161-172. (RJ)
391. R.M. Malina, 1999. Sport, violence, and Littleton: A perspective. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 22(1):1-2. (PR)
392. R.M. Malina, 1999. Talent identification and selection in sport. **Technique: An Official Publication of USA Gymnastics** 19 (no. 3): 16-19. (PR)
393. C.A. Geithner, T. Satake, B. Woynarowska, and R.M. Malina, 1999. Adolescent spurts in body dimensions: Average and modal sequences. **American Journal of Human Biology** 11:287-295. (RJ)
394. Z. Welon, T. Bielicki, E. Rogucka, and R.M. Malina, 1999. Effect of education and marital status on premature mortality among urban adults in Poland, 1988-1989. **American Journal of Human Biology** 11:397-403. (RJ)
395. G. Beunen, R.M. Malina, A.L. Claessens, J. Lefevre, and M. Thomis, 1999. Ulnar variance and skeletal maturity of radius and ulna in female gymnasts. **Medicine and Science in Sports and Exercise** 31:653-657. (RJ)
396. P.T. Katzmarzyk, R.M. Malina, T.M.K. Song, and C. Bouchard, 1999. Physique, subcutaneous fat, adipose tissue distribution, and risk factors in the Quebec Family Study. **International Journal of Obesity** 23:476-484. (RJ)

397. R.M. Malina, 1999. Normal weight gain in growing children. **Healthy Weight Journal** 13:37-38. (RJ)
398. R.M. Malina, 1999. Trainability of young athletes. In **Proceedings, National Athletic Trainers' Association, 50th Annual Meeting and Clinical Symposia**, pp. 7-9. Champaign, IL: Human Kinetics. (CP)
399. R.M. Malina, P.T. Katzmarzyk, and G.P. Beunen, 1999. Relation between birth weight at term and growth rate, skeletal age, and cortical bone at 6-11 years. **American Journal of Human Biology** 11:505-511. (RJ)
400. P.T. Katzmarzyk, L. Perusse, R.M. Malina, and C. Bouchard, 1999. Seven-year stability of indicators of obesity and adipose tissue distribution in the Canadian population. **American Journal of Clinical Nutrition** 69:1123-1129. (RJ)
401. J.C. Eisenmann, P.T. Katzmarzyk, G. Theriault, T.M.K. Song, R.M. Malina, and C. Bouchard, 1999. Physical activity and pulmonary function in youth: The Quebec Family Study. **Pediatric Exercise Science** 11:208-217. (RJ)
402. R.M. Malina and P.T. Katzmarzyk, 1999. Validity of the body mass index as an indicator of the risk and presence of overweight in adolescents. **American Journal of Clinical Nutrition** 70(suppl): 131S-136S. (RJ)
403. E. Benefice, T. Fouere, and R.M. Malina, 1999. Early nutritional history and motor performance of Senegalese children, 4-6 years of age. **Annals of Human Biology** 26:443-455. (RJ)
404. P.T. Katzmarzyk, M.C. Mahaney, J. Blangero, J.-J. Quek, and R.M. Malina, 1999. Potential effects of ethnicity in genetic and environmental sources of variability in the stature, mass, and body mass index of children. **Human Biology** 71:977-987. (RJ)
405. P.T. Katzmarzyk, R.M. Malina, and C. Bouchard, 1999. Physical activity, physical fitness, and coronary heart disease risk factors in youth: The Quebec Family Study. **Preventive Medicine** 29:555-562. (RJ)
406. G.P. Beunen, R.M. Malina, and M. Thomis, 1999. Physical growth and maturation of female gymnasts. In **Human Growth in Context**, F.E. Johnston, B. Zemel and P.B. Eveleth, editors. London: Smith-Gordon, pp. 281-289. (CP)
407. R.M. Malina, 1999. Growth and maturation of elite female gymnasts: Is training a factor. In **Human Growth in Context**, F.E. Johnston, B. Zemel and P.B. Eveleth, editors. London: Smith-Gordon, pp. 291-301. (CP)
408. A.L. Claessens, J Lefevre, G Beunen, and R.M. Malina, 1999. The contribution of anthropometric characteristics to performance scores in elite female gymnasts. **Journal of Sports Medicine and Physical Fitness** 39:355-360. (RJ)
409. R.M. Malina, 1999. Crescita. In **L'Universo del Corpo, Volume III**. Rome: Istituto della Enciclopedia Italiana, Fondata da Giovanni Treccani, pp. 34-46. (CSB)
410. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, C. Krein, R. Malina, J.C. Young, F.E. Reed, R.L. Washington, W.L. Risser; Committee on Sports Medicine and Fitness, 1999. Human immunodeficiency virus and other blood-borne viral pathogens in the athletic setting. **Pediatrics** 104:1400-1403. (CR)
411. J.C. Eisenmann, P.T. Katzmarzyk, G. Theriault, T.M.K. Song, R.M. Malina, and C. Bouchard, 2000. Cardiac dimensions, physical activity, and submaximal working capacity in youth of the Quebec Family Study. **European Journal of Applied Physiology** 81:40-46. (RJ)
412. R.M. Malina, 2000. Growth, maturation, and performance. In **Exercise and Sport Science**, W.E. Garrett and D.T. Kirkendall, editors. Philadelphia: Lippincott Williams & Wilkins, pp. 425-445. (CSB)
413. J.C. Eisenmann, P.T. Katzmarzyk, D.A. Arnall, V. Kanuho, C. Interpreter, and R.M. Malina, 2000. Growth

- and overweight of Navajo youth: Secular changes from 1955 to 1997. **International Journal of Obesity** 24:211-218. (RJ)
414. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, C. Krein, R. Malina, J.C. Young, F.E. Reed, R.L. Washington; Committee on Sports Medicine and Fitness, 2000. Safety in youth ice hockey: The effects of body checking. **Pediatrics** 105:657-658. (CR)
415. T. Bielicki, A. Szklarska, Z. Welon, and R.M. Malina, 2000. Variation in the body mass index among young adult Polish males between 1965 and 1995. **International Journal of Obesity** 24:658-662. (RJ)
416. P.T. Katzmarzyk, R.M. Malina, L. Perusse, T. Rice, M.A. Province, D.C. Rao, and C. Bouchard, 2000. Familial resemblance in fatness and fat distribution. **American Journal of Human Biology** 12:395-404. (RJ)
417. G. Beunen, M. Thomis, H.H. Maes, R. Loos, R.M. Malina, A.L. Claessens, and R. Vlietinck, 2000. Genetic variance of adolescent growth in stature. **Annals of Human Biology** 27:173-186. (RJ)
418. R.M. Malina, 2000. Matching youth in sport by maturity status. **Spotlight on Youth Sports**, Institute for the Study of Youth Sports, Michigan State University 22(4):1-4. (PR)
419. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, R. Malina, C. Krein, J.C. Young, F.E. Reed, R.L. Washington, S. Bolduc, M.J. Bull, P. Agran, D. Laraque, S.H. Pollack, G.A. Smith, H.R. Spivak, M. Tenenbein, S.B. Tully, R.A. Brenner, S. Bryn, C. Neverman, R.A. Schieber, R. Stanwick, D. Tinsworth, W.P. Tully, R.R. Tanz, V. Garcia, M.L. Katcher, B. Smith; Committee on Sports Medicine and Fitness and Committee on Injury and Poison Prevention, 2000. Swimming programs for infants and toddlers. **Pediatrics** 105:868-870. (CR)
420. R.M. Malina, M.E. Peña Reyes, J.C. Eisenmann, L. Horta, J. Rodrigues, and R. Miller, 2000. Height, mass and skeletal maturity of elite Portuguese soccer players 11-16 years. **Journal of Sports Sciences** 18:685-693. (RJ)
421. P.T. Katzmarzyk, R.M. Malina, L. Perusse, T. Rice, M.A. Province, D.C. Rao, and C. Bouchard, 2000. Familial resemblance for physique: Heritabilities for somatotype components. **Annals of Human Biology** 27:467-477. (RJ)
422. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, R. Malina, C. Krein, J.C. Young, F.E. Reed, R.L. Washington, H.L. Taras, D.A. Cimino, J.W. McGrath, R.D. Murray, W.A. Yankus, T.L. Young, H. Magalnick, M. Fleming, M. Glendon, L. Harrison-Jones, L. Wolfe, J.L. Newberry, M. Verson; Committee on Sports Medicine and Fitness and Committee on School Health, 2000. Physical fitness and activity in schools. **Pediatrics** 105:1156-1157. (CR)
423. P.T. Katzmarzyk, T. Rankinen, L. Perusse, R.M. Malina, and C. Bouchard, 2000. 7-year stability of blood pressure in the Canadian population. **Preventive Medicine** 31:403-409. (RJ)
424. A.L. Claessens, G. Beunen, and R.M. Malina, 2000. Anthropometry, physique, body composition and maturity. In **Paediatric Exercise Science and Medicine**, N. Armstrong and W. van Mechelen, editors. Oxford: Oxford University Press, pp. 11-22. (CSB)
425. R.M. Malina, 2000. Growth and maturation: Do regular physical activity and training for sport have a significant influence? In **Paediatric Exercise Science and Medicine**, N. Armstrong and W. van Mechelen, editors. Oxford: Oxford University Press, pp. 95-106. (CSB)
426. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, R. Malina, C. Krein, J.C. Young, F.E. Reed, R.L. Washington, O. Bar-Or; Committee on Sports Medicine and Fitness, 2000. Intensive training and specialization in young athletes. **Pediatrics** 106:154-157. (CR)

427. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, R. Malina, C. Krein, J.C. Young, F.E. Reed, R.L. Washington, O. Bar-Or; Committee on Sports Medicine and Fitness, 2000. Climatic heat stress and the exercising child and adolescent. **Pediatrics** 106:158-159. (CR)
428. J. Zhang, S.D. Peddada, R.M. Malina, and A.D. Rogol, 2000. Longitudinal assessment of hormonal and physical alterations during normal puberty in boys. VI. Modeling of growth velocity, mean growth hormone (GH mean), and serum testosterone (T) concentrations. **American Journal of Human Biology** 12:814-824. (RJ)
429. J.C. Eisenmann and R. M. Malina, 2000. Body size and endurance performance. In **Endurance and Sport**, 2nd edition, R.J. Shephard and P.-O. Astrand, editors. Oxford: Blackwell Science, pp. 37-51. (CSB)
430. S.J. Anderson, B.A. Griesemer, M.D. Johnson, T.J. Martin, L.G. McLain, T.W. Rowland, E. Small, C. LeBlanc, C. Krein, J.C. Young, R. Malina, F.E. Reed, R.L. Washington, O. Bar-Or, A. Loucks, S. Tanner; Committee on Sports Medicine and Fitness, 2000. Medical concerns in the female athlete. **Pediatrics** 106:610-613. (CR)
431. M. Thomis, D.M. Rogers, G.P. Beunen, B. Woynarowska, and R.M. Malina, 2000. Allometric relationship between body size and peak VO₂ relative to age at menarche. **Annals of Human Biology** 27:623-633. (RJ)
432. R.C. Rosendo da Silva and R.M. Malina, 2000. Nivel de atividade fisica em adolescentes do Municipio de Niteroi, Rio de Janeiro, Brasil. **Cadernos de Saude Publica** 16:1091-1097. (RJ)
433. H. Kolodziej, A. Szklarska, and R.M. Malina, 2001. Young adult height of offspring born to rural-to-urban migrant parents and urban-born parents. **American Journal of Human Biology** 13:30-34. (RJ)
434. P.T. Katzmarzyk, L. Perusse, R.M. Malina, J. Bergeron, J-P. Despres, and C. Bouchard, 2001. Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood: the Quebec Family Study. **Journal of Clinical Epidemiology** 54:190-195. (RJ)
435. R.M. Malina, 2001. Physical activity and fitness: Pathways from childhood to adulthood. **American Journal of Human Biology** 13:162-172. (RJ)
436. P.T. Campbell, P.T. Katzmarzyk, R.M. Malina, D.C. Rao, L. Perusse, and C. Bouchard, 2001. Prediction of physical activity and physical work capacity (PWC150) in young adulthood from childhood to adolescence with consideration of parental measures. **American Journal of Human Biology** 13:190-196. (RJ)
437. E. Benefice, D. Garnier, K.B. Simondon, and R.M. Malina, 2001. Relationship between stunting in infancy and growth and fat distribution during adolescence in Senegalese girls. **European Journal of Clinical Nutrition** 55:50-58. (RJ)
438. R.M. Malina, 2001. Physical education and its physical domains. In **World Summit on Physical Education**, G. Doll-Tepper and D. Scoretz, editors. Berlin: International Council of Sport Science and Physical Education, pp. 57-76. (CP)
439. R.L. Washington, D.T. Bernhardt, J. Gomez, M.D. Johnson, T.J. Martin, T.W. Rowland, E. Small, C. LeBlanc, C. Krein, R. Malina, J.C. Young, F.E. Reed, S. Anderson, S. Bolduc, O. Bar-Or, H. Newland, H.L. Taras, D.A. Cimino, J.W. McGrath, R.D. Murray, W.A. Yankus, T.L. Young, M. Fleming, M. Glendon, L. Harrison-Jones, J.L. Newberry, E. Pattishall, M. Vernon, L. Wolfe, S. Li; Committee on Sports Medicine and Fitness and Committee on School Health, 2001. Organized sports for children and preadolescents. **Pediatrics** 107:1459-1462. (CR)
440. D.T. Bernhardt, J. Gomez, M.D. Johnson, T.J. Martin, T.W. Rowland, E. Small, C. LeBlanc, R. Malina, C. Krein, J.C. Young, FE Reed, S.J. Anderson, B.A. Griesemer, O. Bar-Or; Committee on Sports Medicine and Fitness, 2001. Strength training by children and adolescents. **Pediatrics** 107:1470-1472. (CR)

441. N. Maffulli, K.M. Chan, R. Macdonald, R.M. Malina, and A.W. Parker, editors, 2001. **Sports Medicine for Specific Ages and Abilities**. London: Churchill Livingstone. (EV)
442. A.D. Baxter-Jones and R.M. Malina, 2001. Growth and maturation issues in elite young athletes: Normal variation and training. In **Sports Medicine for Specific Ages and Abilities**, N. Maffulli, K.M. Chan, R. Macdonald, R.M. Malina, and A.W. Parker, editors. London: Churchill Livingstone, pp. 95-108. (CSB)
443. J.C. Eisenmann, J.M. Pivarnik, and R.M. Malina, 2001. Scaling peak VO₂ to body mass in young male and female distance runners. **Journal of Applied Physiology** 90:2172-2180. (RJ)
444. P.T. Katzmarzyk, P. Walker, and R.M. Malina, 2001. A time-motion study of organized youth sports. **Journal of Human Movement Studies** 40:325-334. (RJ)
445. J.C. Eisenmann, C.J. Womack, M.J. Reeves, J.M. Pivarnik, and R.M. Malina, 2001. Blood lipids of young distance runners: Distribution and inter-relationships among training volume, peak oxygen consumption, and body fatness. **European Journal of Applied Physiology** 85:104-112. (RJ)
446. P.T. Campbell, P.T. Katzmarzyk, R.M. Malina, D.C. Rao, L. Perusse, and C. Bouchard, 2001. Stability of adiposity phenotypes from childhood and adolescence into young adulthood with contribution of parental measures. **Obesity Research** 9:394-400. (RJ)
447. R.M. Malina, 2001. Injuries in organized sports for children and adolescents. In **Children and Injuries**, J.L. Frost, editor. Tucson, AZ: Lawyers and Judges Publishing Company, pp. 199-248. (CSB)
448. R.M. Malina, 2001. Adherence to physical activity from childhood to adulthood: A perspective from tracking studies. **Quest** 53:346-355. (CP)
449. R.M. Malina and C.A. Geithner, 2001. Characteristics of Junior Olympic Divers. **Inside USA Diving** 9(summer):3, 6-7, 28. (PR)
450. E. Benefice, D. Garnier, K.B. Simondon, and R.M. Malina, 2001. Différences de croissance et de composition corporelle au cours de la puberté entre adolescentes Sénégalaises ayant été ou non-malnutries lors de leur petite enfance (Differences in growth and body composition during puberty between Senegalese adolescent girls stunted or non-stunted in infancy). **Biometrie Humaine et Anthropologie** (formerly Cahiers d'Anthropologie et de Biométrie Humaine) 19:55-61. (RJ)
451. R.M. Malina, 2001. Tracking of physical activity across the lifespan. **President's Council on Physical Fitness and Sports Research Digest**, Series 3, No. 14 (September). (RJ)
452. J.C. Eisenmann, C.J. Womack, M.J. Reeves, J.M. Pivarnik, and R.M. Malina, 2001. Blood lipids in young distance runners. **Medicine and Science in Sports and Exercise** 33:1661-1666. (RJ)
453. R.M. Malina, 2001. Activity and fitness of youth. In **Pohyb a Zdravi/Movement and Health**, Sbornik 2. Mezinarodni Konference/Proceedings of the 2nd International Conference, H. Valkova and Z. Hanelova, editors. Olomouc, Czech Republic: Palacky University, pp. 27-33. (CP)
454. R.M. Malina, 2001. Growth and maturity status of young artistic gymnasts: Status, progress, and issues. In **Science in Artistic Gymnastics**, Proceedings, 6th Internationaal Sportwetenschappelijk Symposium, M. Lenoir and R. Philippaerts, editors. Ghent, Belgium: Publicatiefonds Voor Lichamelijke Opvoeding vzw, pp. 21-38. (CP)
455. M.D. Fortier, P.T. Katzmarzyk, R.M. Malina, and C. Bouchard, 2001. Seven-year stability of physical activity and musculoskeletal fitness in the Canadian population. **Medicine and Science in Sports and Exercise** 33:1905-1911. (RJ)

456. M.E. Peña Reyes and R.M. Malina, 2001. Fels and Tanner-Whitehouse skeletal ages of school children 7-13 years of age in Oaxaca, Mexico. In **Perspectives in Human Growth, Development and Maturation**, P. Dasgupta and R. Hauspie, editors. Dordrecht, Netherlands: Kluwer Academic Publishers, pp. 55-65. (CSB)
457. R.M. Malina, 2001. Principles of growth, maturation, and development. In **A Multidisciplinary Approach to Human Movement**, A. Faro and F. Sobral, editors. Coimbra, Portugal: Universidade de Coimbra, Faculdade de Ciências do Desporto e Educação Física, Centro de Estudos Biocinéticos, pp. 29-44. (CSB)
458. R.M. Malina, 2001. Childhood and adolescent obesity: Selected issues and implications. In **Obesity, Growth and Development**, F.E. Johnston and G.D. Foster, editors. London: Smith-Gordon, pp. 1-20. (CSB)
459. R.M. Malina and C.A. Geithner, 2001. Successful divers: Characteristics as Junior Olympic participants. **Inside USA Diving** 9(Fall):3, 6-7. (PR)
460. R.M. Malina, 2001. Youth football players: Perspectives from growth and maturation. **Insight: The F.A. Coaches Association Journal** 5(issue 1, Winter):27-31. (PR)
461. R.M. Malina, 2001. Anthropology and physical activity: A lifespan perspective. **Medicina Sportiva** (Krakow) 5(EE2):E69-E75. (RJ)
462. E.A. Vadocz and R.M. Malina, 2001. Bio-perceptual sources of self-concept among competitive figure skaters. In **Proceedings of the 10th World Congress of Sport Psychology, Volume 3**, A. Papaioannou, M. Goudas, Y. Theodorakis, editors. Skiathos, Hellas, Greece: Christo Doulidi Publications, pp. 364-366. (CP)
463. R.M. Malina, 2002. Having fun - A jock in two worlds: Kinesiology and Human Biology. In **A Guide to Careers in Physical Anthropology**, A.S. Ryan, editor. Westport, CT: Bergin and Garvey, pp. 189-217. (CSB)
464. E.A. Vadocz, S.R. Siegel, and R.M. Malina, 2002. Age at menarche in competitive figure skaters: Variation by competency and discipline. **Journal of Sports Sciences** 20:93-100. (RJ)
465. J.C. Martin, R.M. Malina, and W.W. Spirduso, 2002. Effects of crank length on maximal cycling power and optimal pedaling rate of boys aged 8-11 years. **European Journal of Applied Physiology** 86:215-217. (RJ)
466. M.E. Pena Reyes, E.E. Cardenas Barahona, M.B. Cahuich, A. Barragan, and R.M. Malina, 2002. Growth status of children 6-12 years of age from two different geographic regions of Mexico. **Annals of Human Biology** 29:11-25. (RJ)
467. Y-C. Huang and R.M. Malina, 2002. Physical activity and health-related physical fitness in Taiwanese adolescents. **Journal of Physiological Anthropology** 21:11-19. (RJ)
468. R.M. Malina, 2002. The young athlete: Biological growth and maturation in a biocultural context. In **Children and Youth in Sport: A Biopsychosocial Perspective**, 2nd edition, F.L. Smoll and R.E. Smith, editors. Dubuque, IA: Kendall Hunt, pp. 261-292. (CSB)
469. G. Beunen, A.D.G. Baxter-Jones, R.L. Mirwald, M. Thomis, J. Lefevre, R.M. Malina, and D.A. Bailey, 2002. Intraindividual allometric development of aerobic power in 8- to 16-year-old boys. **Medicine and Science in Sports and Exercise** 34:503-510. (RJ)
470. V. Seefeldt, R.M. Malina, and M.A. Clark, 2002. Factors affecting levels of physical activity in adults. **Sports Medicine** 32:143-168. (RJ)
471. A.D.G. Baxter-Jones, A.M. Thompson, and R.M. Malina, 2002. Growth and maturation of elite young female athletes. **Sports Medicine and Arthroscopy Review** 10:42-49. (RJ)
472. J.C. Eisenmann and R.M. Malina, 2002. Growth status and estimated growth rate of young distance runners.

International Journal of Sports Medicine 23:168-173. (RJ)

473. R.M. Malina, R.A. Battista, and S.R. Siegel, 2002. Anthropometry of adult athletes: Concepts, methods and applications. In **Nutritional Assessment of Athletes**, J.A. Driskell and I. Wolinsky, editors. Boca Raton, FL: CRC Press, pp.135-175. (CSB)
474. R.M. Malina, 2002. Aktywnosc fizyczna a rokowanie dlugowiecznosci (Physical activity: a lifespan perspective). **Medicina Sportiva** (Krakow) 6:9-16. (TR)
475. A. Lipowicz, S.Gronkiewicz, and R.M. Malina, 2002. Body mass index, overweight and obesity in married and never married men and women in Poland. **American Journal of Human Biology** 14:468-475. (RJ)
476. J.C. Eisenmann and R.M. Malina, 2002. Age-related changes in subcutaneous adipose tissue of adolescent distance runners and association with blood lipoproteins. **Annals of Human Biology** 29:389-397. (RJ)
477. R.M. Malina, 2002. Wychowanie fizyczne i jego sfera fizyczna (Physical education and its physical objectives). **Swiatowy Kongres Wychowania Fizycznego**, Berlin, 1999. Wroclaw, Poland: Akademii Wychowania Fizycznego we Wroclawiu (University School of Physical Education in Wroclaw), pp. 45-59. (TR, the proceedings of the 1999 World Summit on Physical Education were also translated and published in Chinese [2002, pp. 83-123 in the Chinese translation] and in Japanese [2002, pp. 80-117 in the Japanese translation].)
478. R.M. Malina, 2002. Exercise and growth: Physical activity as a factor in growth and maturation. In **Human Growth and Development**, N. Cameron, editor. New York: Elsevier Science, pp. 321-348. (CSB)
479. R.M. Malina, 2002. Growth and maturation: Application to children and adolescents in sports. In **Pediatric Sports Medicine for Primary Care**, R.B. Birrer, B.A. Griesemer and M.B. Cataletto, editors. Philadelphia: Lippincott, Williams and Wilkins, pp. 39-58. (CSB)
480. B.B. Little, P.H. Buschang, and R.M. Malina, 2002. Anthropometric asymmetry in chronically undernourished children from southern Mexico. **Annals of Human Biology** 29:526-537. (RJ)
481. Z. Welon, A. Szklarska, T. Bielicki, and R.M. Malina, 2002. Sex differences in the pattern of age-dependent increase in the BMI. **American Journal of Human Biology** 14:693-698. (RJ)
482. J.C. Eisenmann and R.M. Malina, 2002. Secular trend in peak oxygen consumption among United States youth in the 20th century. **American Journal of Human Biology** 14:699-706. (RJ)
483. K.E. Pfeiffer, J.M. Pivarnik, C.J. Womack, M.J. Reeves, and R.M. Malina, 2002. Reliability and validity of the Borg and OMNI rating of perceived exertion scales in adolescent girls. **Medicine and Science in Sports and Exercise** 34:2057-2061. (RJ)
484. R.M. Malina, S.P. Cumming, and A.P. Kontos, 2002. Youth sports: Benefits, risks and related issues. In **Human Growth from Conception to Maturity**, G. Gilli, L.M. Schell and L. Benso, editors. London: Smith-Gordon, pp. 297-307. (CP)
485. M.E. Peña Reyes, J.C. Eisenmann, L. Horta, B. Ribeiro, J.F. Aroso, and R.M. Malina, 2002. Growth, maturation and performance of young football (soccer) players. In **Human Growth from Conception to Maturity**, G. Gilli, L.M. Schell and L. Benso, editors. London: Smith-Gordon, pp. 309-314. (CP)
486. R.M. Malina, 2002. Performance in the context of growth and maturation. In **The Female Athlete**, M.L. Ireland and A. Nattiv, editors. Philadelphia: Saunders, pp. 49-65. (CSB)
487. R.M. Malina, 2002. Crescita e maturazione nella ginnastica artistica (growth and maturation of artistic gymnasts). **Scuola dello Sport: Rivista di Cultura Sportiva** 21(no. 55, April-June):28-35. (TR)

488. R.M. Malina, 2002. Sports, school. In **Encyclopedia of Education**, 2nd edition, J.W. Guthrie, editor. Farmington Hills, MI: Macmillan Reference USA, pp. 2305-2312. (CSB)
489. M. Coelho e Silva, A. Figueiredo, F. Sobral, and R.M. Malina, 2002. Variaveis correlatas da motivação para a prática desportiva em jovens futebolistas masculinos de 13 e 14 anos de idade (variation in correlates of motivation for the practice of sport in young male soccer players 13 and 14 years of age). **Treino Desportivo** 19: 32-38. (PR)
490. M. Coelho e Silva, F. Sobral, and R.M. Malina, 2003. **Determinância Sociogeográfica da Prática Desportiva na Adolescência**. Coimbra, Portugal: Centro de Estudos do Desporto Infante-Juvenil, Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, 145 pp. (BK)
491. R.M. Malina, 2003. Growth and maturity status of young soccer (football) players. In **Science and Soccer**, 2nd edition, T. Reilly and M. Williams, editors. London: Routledge, pp. 287-306. (CSB)
492. R.M. Malina, 2003. Young athletes: Growth, maturation, and training effects. In **The Future of Youth Athletics**, Proceedings of an International Seminar organized by the International Athletic Foundation. Monaco: International Athletic Foundation, pp. 9-20. (CP)
493. R.M. Malina and M.A. Clark, editors, 2003. **Youth Sports: Perspectives for a New Century**. Monterey, CA; Coaches Choice, 253 pp. (CP,EV)
494. R.M. Malina and S.P. Cumming, 2003. Current status and issues in youth sports. In **Youth Sports: Perspectives for a New Century**, R.M. Malina and M.A. Clark, editors. Monterey, CA: Coaches Choice, pp. 7-25. (CP)
495. R.M. Malina and J.C. Eisenmann, 2003. Trainability during childhood and adolescence. In **Youth Sports: Perspectives for a New Century**, R.M. Malina and M.A. Clark, editors. Monterey, CA: Coaches Choice, pp. 76-93. (CP)
496. A.P. Kontos and R.M. Malina, 2003. Youth sports in the 21st century: Overview and new directions. In **Youth Sports: Perspectives for a New Century**, R.M. Malina and M.A. Clark, editors. Monterey, CA: Coaches Choice, pp. 240-253. (CP)
497. J.C. Eisenmann, P.T. Katzmarzyk, L. Perusse, C. Bouchard, and R.M. Malina, 2003. Estimated daily energy expenditure and blood lipids in adolescents: The Quebec Family Study. **Journal of Adolescent Health** 33:147-153. (RJ)
498. J.C. Eisenmann and R.M. Malina, 2003. Age- and sex-associated variation in neuromuscular capacities of adolescent distance runners. **Journal of Sports Sciences** 21:551-557. (RJ)
499. R.M. Malina, M. Barron, P. Morano, S.J. Miller, S.P. Cumming, and A.P. Kontos, 2003. Incidence and player risk factors for injury in youth football (American). **Revista Portuguesa de Ciências do Desporto** 3(2):12-14. (CP)
500. M.E. Peña Reyes, S.K. Tan, and R.M. Malina, 2003. Urban-rural contrasts in the physical fitness of school children in Oaxaca, Mexico. **American Journal of Human Biology** 15:800-814. (RJ)
501. M.E. Peña Reyes, S.K. Tan, and R.M. Malina, 2003. Urban-rural contrasts in the growth status of school children in Oaxaca, Mexico. **Annals of Human Biology** 30:693-713. (RJ)
502. M. Coelho e Silva and R.M. Malina, 2003. Estado de crescimento, corpulencia e adiposidade em adolescentes do Distrito de Coimbra (growth status, mass and adiposity in adolescents from the District of Coimbra). **Alimentação Human**, Sociedade Portuguesa de Ciências da Nutrição e Alimentação 9:3-22. (RJ)
503. M. Coelho e Silva, A. Figueiredo, and R.M. Malina, 2003. Physical growth and maturation related variation

- in young male soccer athletes. **Acta Kinesiologiae Universitatis Tartuensis** 8:34-50. (RJ)
504. M. Coelho e Silva, F. Sobral, and R.M. Malina, 2003. Discussao sobre o papel da educacao fisica na saude de publica (Discussion of the role of physical education in public health). **Horizonte: Revista de Educaçao Fisica e Desporto** 19:18-23. (PR)
505. R.M. Malina and S.P. Cumming, 2003. A non-invasive method for estimating maturity status. **Insight: The F.A. Coaches Associatoin Journal** 6(issue 4, Autumn): 34-37. (PR)
506. R.C. Rosendo da Silva and R.M. Malina, 2003. Sobrepeso, atividade fisica e tempo de televisao entre adolescentes de Niteroi, Rio de Janeiro, Brasil (Overweight, physical activity and television time among adolescents in Niteroi, Rio de Janeiro, Brasil). **Revista Brasileira de Ciencia e Movimento** 11:63-66 (12:61, errata). (RJ)
507. R.M. Malina, 2003. A tribute to Johanna Faulhaber Kamman (1911-2000). In **Estudios de Antropologia Biologia, Volumen XI**, C. Serrano Sanchez, S. Lopez Alonso and F. Ortiz Pedraza, editors. Mexico, DF: Instituto Nacional de Antropologia e Historia, Universidad Nacional Autonoma de Mexico, pp. 15-20. (CP)
508. M.I. Mourão-Carvalho, J. Vasconcelos-Raposo and R.M. Malina, 2003. Diferencias de genero y tiempo libre en adolescentes (gender differences in free time among adolescents). **Educacion Desarrollo y Diversidad** (Ourense, Spain) 6(2):79-94. (RJ)
509. R.M. Malina, C. Bouchard, and O. Bar-Or, 2004. **Growth, Maturation, and Physical Activity**, 2nd edition. Champaign, IL: Human Kinetics, 712 pp. (BK)
510. R.M. Malina, 2004. Motor development during infancy and early childhood: Overview and suggested directions for research. **International Journal of Sport and Health Science** 2:50-66. (RJ)
511. R.M. Malina, J.C. Eisenmann, S.P. Cumming, B. Ribeiro, and J. Aroso, 2004. Maturity-associated variation in the growth and functional capacities of youth football (soccer) players 13-15 years. **European Journal of Applied Physiology** 91:555-562. (RJ)
512. R.M. Malina, 2004. Tracking physical activity across the life span. In **Toward a Better Understanding of Physical Fitness and Activity, Selected Topics, Volume Two**, C.B. Corbin, R.P. Pangrazi and B.D. Franks, editors, pp. 133-143. Scottsdale, AZ: Holcomb Hathaway Publishers. (CSB)
513. M. Coelho e Silva and R.M. Malina, editors, 2004. **Children and Youth in Organized Sports**. Coimbra, Portugal: University of Coimbra Press, 298 pp. (EV)
514. M. Coelho e Silva and R.M. Malina, 2004. Biological and social relationships of participation motivation in youth sports. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 54-69. (CSB)
515. S.R.Siegel, M. E. Peña Reyes, E.E. Cardenas Barahona, and R.M. Malina, 2004. Organized sport among Mexican youth. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 70-81. (CSB)
516. R.M. Malina, 2004. Growth and maturation: Basic principles and effects of training. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 137-161. (CSB)
517. R.M. Malina and J.E. Eisenmann, 2004. Responses of children and adolescents to systematic training. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 162-168. (CSB)
518. M. Coelho e Silva, A. Figueiredo, F. Sobral, and R.M. Malina, 2004. Profile of youth soccer players: Age-

- related variation and stability. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 189-198. (CSB)
519. S.P. Cumming, M. Standage, and R.M. Malina, 2004. Youth soccer: A biocultural perspective. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 209-221. (CSB)
520. M.E. Peña Reyes and R.M. Malina, 2004. Growth and maturity profile of youth swimmers in Mexico. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 222-230. (CSB)
521. R.M. Malina, 2004. Injuries in youth sports. In **Children and Youth in Organized Sports**, M. Coelho e Silva and R.M. Malina, editors. Coimbra, Portugal: University of Coimbra Press, pp. 259-274. (CSB)
522. R.M. Malina, 2004. Growth and maturity status of children and adolescents in organized sports. In **Physiological and Pathological Auxology**, I. Nicoletti, L. Benso and G. Gilli, editors. Florence, Italy: Edizioni Centro Studi Auxologici, pp. 595-605. (CSB)
523. P.T. Katzmarzyk, S.R. Srinivasan, W. Chen, R.M. Malina, C. Bouchard, and G.S. Berenson, 2004. Body mass index, waist circumference, and clustering of cardiovascular risk factors in a biracial sample of children and adolescents. **Pediatrics** 114:e198-205. (RJ)
524. R.M. Malina and S.P. Cumming, 2004. Maturity-associated variation in functional and sport-specific skill tests: Implications for adolescent football players. **Insight: The F.A. Coaches Association Journal** 7(issue 3, Summer): 37-39. (PR)
525. C.A. Geithner, M.A. Thomis, B. Vanden Eynde, H.H.M. Maes, R.J.F. Loos, M. Peeters, A.L.M. Claessens, R. Vleitnick, R.M. Malina, and G.P. Beunen, 2004. Growth in peak aerobic power during adolescence. **Medicine and Science in Sports and Exercise** 36:1616-1624. (RJ).
526. M. Coelho e Silva, A. Figueiredo, and R.M. Malina, 2004. Avaliacao da mestria motora no inicio da preparacao de jovens futebolistas (evaluation of motor skills in the initial preparation of young soccer players). **Horizonte: Revista de Educaçao Fisica e Desporto** 19(July-August):23-32. (PR)
527. S. K. Tan, M.E. Peña Reyes, and R.M. Malina, 2004. Somatotypes of rural and urban children in southern Mexico. In **Physique and Body Composition: Variability and Sources of Variation** (Monographs of the European Anthropological Association), E.B. Bodzsar and C. Susanne, editors. Budapest: Eotvos University Press, pp. 65-76. (RJ)
528. E.V. Monsma and R.M. Malina, 2004. Correlates of eating disorders risk among female figure skaters: A profile of adolescent competitors. **Psychology of Sport and Exercise** 5:447-460. (RJ)
529. D. Freitas, J. Maia, G. Beunen, J. Lefevre, A. Claessens, A. Marques, A. Rodrigues, C. Silva, M. Crespo, M. Thomis, A. Sousa, and R.M. Malina, 2004. Skeletal maturity and socio-economic status in Portuguese children and youths: the Madeira Growth Study. **Annals of Human Biology** 31:408-420. (RJ)
530. R.M. Malina, 2004. A ciencia do desporto: Campo de investigação interdisciplinar (Sport science: An interdisciplinary field for research). In **O Lugar do Corpo**, R. Gomes, M.J.C. e Silva and R.M. Malina. Publicação colecionavel, parte integrante da **Rua Larga: Revista da Reitoria da Universidade de Coimbra** no. 6, October, pp. 12-13. (PR)
531. M. Coelho e Silva, A. Figueiredo, V. Vaz, and R.M. Malina, 2004. Especificidades da aptidão aeróbia/anaeróbia (Specificity of aerobic and anaerobic capacity). **Treino Desportivo** (Instituto do Desporto de Portugal) 25(Agosto):14-23. (PR)
532. R.M. Malina, 2004. Secular trends in growth, maturation and physical performance: A review. **Przegląd**

Antropologiczny – Anthropological Review (Poznań) 67:3-31. (RJ)

533. R.M. Malina, M.E. Peña Reyes, S.K. Tan, P.H. Buschang, B.B. Little, and S. Koziel, 2004. Secular change in height, sitting height and leg length in rural Oaxaca, southern Mexico: 1968-2000. **Annals of Human Biology** 31:615-633. (RJ)
534. R.M. Malina, M.E. Peña Reyes, S.K. Tan, and B.B. Little, 2004. Secular change in age at menarche in rural Oaxaca, southern Mexico: 1968-2000. **Annals of Human Biology** 31:634-646. (RJ)
535. C.A. Geithner, S.K. Tan, and R.M. Malina, 2004. Somatotypes of elite junior divers: Sex and age group variation. **Anthropologiai Közlemények** 45:127-132. (RJ)
536. R.M. Malina, 2004. Dimensioni, costituzione, composizione corporea e caratteristiche di maturazione degli atleti adolescenti e giovani praticanti atletica leggera (size, physique, body composition and maturity characteristics of adolescent and young adult track and field athletes). **Atletica Studi** (Rome) 35(3):3-18. (CP)
537. M. Thomis, A.L. Claessens, J. Lefevre, R. Philippaerts, G.P. Beunen, and R.M. Malina, 2005. Adolescent growth spurts in female gymnasts. **Journal of Pediatrics** 146:239-244. (RJ)
538. R.M. Malina, P.J. Morano, M. Barron, S.J. Miller, and S.P. Cumming, 2005. Growth status and estimated growth rate of youth football players: A community-based study. **Clinical Journal of Sports Medicine** 15:125-132. (RJ)
539. R.M. Malina, 2005. Variation in body composition associated with sex and ethnicity. In **Human Body Composition**, 2nd edition, S.B. Heymsfield, T.G. Lohman, Z.M. Wang and S.B. Going, editors. Champaign, IL: Human Kinetics, pp. 271-298, 473-476. (CSB)
540. I. Janssen, P.T. Katzmarzyk, S.R. Srinivasan, W. Chen, R.M. Malina, C. Bouchard, and G.S. Berenson, 2005. Combined influence of body mass index and waist circumference on coronary heart disease risk factors among children and adolescents. **Pediatrics** 115:1623-1630. (RJ)
541. W.B. Strong, R.M. Malina, C.J.R. Blimkie, S.R. Daniels, R.K. Dishman, B. Gutin, A.C. Hergenroeder, A. Must, P.A. Nixon, J.M. Pivarnik, T. Rowland, S. Trost, and F. Trudeau, 2005. Evidence based physical activity for school youth. **Journal of Pediatrics** 146:732-737. (RJ)
542. R.M. Malina, S.P. Cumming, A.P. Kontos, J.C. Eisenmann, B. Ribeiro, and J. Aroso, 2005. Maturity-associated variation in sport-specific skills of youth soccer players aged 13-15 years. **Journal of Sports Sciences** 23:515-522. (RJ)
543. R.M. Malina, S.P. Cumming, P.J. Morano, M. Barron, and S.J. Miller, 2005. Maturity status of youth football players: A noninvasive estimate. **Medicine and Science in Sports and Exercise** 37:1044-1052. (RJ)
544. I. Janssen, P.T. Katzmarzyk, S.R. Srinivasan, W. Chen, R.M. Malina, C. Bouchard, and G.S. Berenson, 2005. Utility of childhood BMI in the prediction of adulthood disease: Comparison of national and international references. **Obesity Research** 13:1106-1115. (RJ)
545. B.B. Little and R.M. Malina, 2005. Inbreeding avoidance in an indigenous community in the Valley of Oaxaca, southern Mexico. **Human Biology** 77:305-316. (RJ)
546. B.B. Little and R.M. Malina, 2005. Familial similarity in body size in an isolated Zapotec-speaking community in the Valley of Oaxaca, southern Mexico: Estimated genetic and environmental effects. **Annals of Human Biology** 32:513-524. (RJ)
547. R.M. Malina, 2005. Giovani atleti: Crescita, maturazione e influenza dell'allenamento (Young athletes: Growth, maturation, and the influence of training). In **Le Basi Scientifiche dell'Allentamento in Atletica**

- Leggera** (The scientific basis of training in light athletics). Rome: Federazione Italiana di Atletica Leggera (FIDAL), Centro Studi & Ricerche, pp. 17-36. (CSB)
548. R.M. Malina, 2005. Milestones of motor development and indicators of biological maturity. In **The Cambridge Encyclopedia of Child Development**, B. Hopkins, editor. Cambridge: Cambridge University Press, pp. 528-534. (CSB)
549. R.M. Malina, C.A. Geithner, R. O'Brien, and S.K. Tan, 2005. Sex differences in the motor performances of elite young divers. **Italian Journal of Sport Sciences** 12:18-23. (RJ)
550. S.P. Cumming, J.C. Eisenmann, F.L. Smoll, R.E. Smith, and R.M. Malina, 2005. Body size and perceptions of coaching behaviors by adolescent female athletes. **Psychology of Sport and Exercise** 6:693-705. (RJ)
551. R.M. Malina, 2005. Youth football players: Number of participants, growth and maturity status. In **Science and Football V, Proceedings of the Fifth World Congress on Science and Football**, T. Reilly, J. Cabri and D. Araujo, editors. London: Routledge, pp. 419-428. (CP)
552. A. Figueiredo, M. Coelho e Silva, J. Dias, and R.M. Malina, 2005. Age and maturity-related variability in body size and physique among youth male Portuguese soccer players. In **Science and Football V, Proceedings of the Fifth World Congress on Science and Football**, T. Reilly, J. Cabri and D. Araujo, editors. London: Routledge, pp. 448-452. (CP)
553. M. Coelho e Silva, A. Figueiredo, H. Relvas, and R.M. Malina, 2005. Correlates of playing time in 15- to 16-year-old male soccer players. In **Science and Football V, Proceedings of the Fifth World Congress on Science and Football**, T. Reilly, J. Cabri and D. Araujo, editors. London: Routledge, pp. 475-480. (CP)
554. M.J. Coelho e Silva, A. Rodrigues, A.J. Figueiredo, and R.M. Malina, 2005. Actividade física com intensidade moderada e vigorosa em adolescentes: Estimativa multimetodo (physical activity of moderate and vigorous intensity in adolescents: a multimethod estimate). In **Os Lugares do Lazer** (Places of Leisure), R.M. Gomes, editor. Lisbon: Instituto do Desporto de Portugal, pp. 21-38. (CSB)
555. S. Koziel and R.M. Malina, 2005. Variation in relative fat distribution associated with maturational timing: The Wroclaw Growth Study. **Annals of Human Biology** 32:691-701. (RJ)
556. R.M. Malina, 2005. Estimating passport age from bone age: Fallacy. **Insight: The F.A. Coaches Association Journal** 8(Autumn/Winter):23-27. (PR)
557. E.V. Monsma and R.M. Malina, 2005. Anthropometry and somatotype of competitive female figure skaters 11-22 years. Variation by competitive level and discipline. **Journal of Sports Medicine and Physical Fitness** 45:491-500. (RJ)
558. M. Coelho e Silva, A. Figueiredo, and R.M. Malina, 2005. Aerobic and anaerobic assessment on young athletes – a summary of findings among soccer players. **Journal of the Coimbra Network of Exercise Sciences** 2:4-7. (RJ)
559. R.M. Philippaerts, R. Voeyens, M. Janssens, B. Van Renterghem, D. Matthys, R. Craen, J. Bourgois, J. Vrijens, G. Beunen, and R.M. Malina, 2006. The relationship between peak height velocity and physical performance in youth soccer players. **Journal of Sports Sciences** 24:221-230. (RJ)
560. A.L. Claessens, J. Lefevre, G.P. Beunen, and R.M. Malina, 2006. Maturity-associated variation in the body size and proportions of elite female gymnasts 14-17 years. **European Journal of Pediatrics** 165:186-192. (RJ)
561. J.P. Difiori, D.J. Caine, and R.M. Malina, 2006. Wrist pain, distal radial physeal injury, and ulnar variance in the young gymnast. **American Journal of Sports Medicine** 34:840-849. (RJ)

562. R.M. Malina, P.J. Morano, M. Barron, S.J. Miller, S.P. Cumming, and A.P. Kontos, 2006. Incidence and player risk factors for injury in youth football. **Clinical Journal of Sports Medicine** 16:214-222. (RJ)
563. B.B. Little, P.H. Buschang, M.E. Pena Reyes, S.K. Tan, and R.M. Malina, 2006. Craniofacial dimensions in children in rural Oaxaca, southern Mexico: Secular change, 1968-2000. **American Journal of Physical Anthropology** 131:127-136. (RJ)
564. S. Koziel, A. Szklarska. T. Bielicki, and R.M. Malina, 2006. Changes in the BMI of Polish conscripts between 1965 and 2001: Secular and socio-occupational variation. **International Journal of Obesity** 30:1382-1388. (RJ)
565. R.M. Malina, A.L. Claessens, K. Van Aken, M. Thomis, J. Lefevre, R. Philippaerts, and G.P. Beunen, 2006. Maturity offset in gymnasts: Application of a prediction equation. **Medicine and Science in Sports and Exercise** 38:1342-1347. (RJ)
566. E.V. Monsma, R.M. Malina, and D.L. Feltz, 2006. Puberty and physical self-perceptions of competitive female figure skaters: An interdisciplinary approach. **Research Quarterly for Exercise and Sport** 77:158-166. (RJ)
567. D.P. Coe, J.M. Pivarnik, C.J. Womack, M.J. Reeves, and R.M. Malina, 2006. Effect of physical education and activity levels on academic achievement in children. **Medicine and Science in Sports and Exercise** 35:1515-1519. (RJ)
568. R.M. Malina, 2006. Youth physical activity in different cultural contexts. In **New Horizons: 24th International Council for Physical Activity and Fitness Research Symposium**, S. Czyż and F. Viviani, editors. Wroclaw, Poland: Elsevier Urban & Partner, pp. 133-142. (CP)
569. R.M. Malina, 2006. **Growth and Maturation of Child and Adolescent Track and Field Athletes / Crescita e Maturazione di Bambini ed Adolescenti Praticanti Atletica Leggera** (in both English and Italian). Rome, Italy: Centro Studi e Ricerche, Federazione Italiana di Atletica Leggera, 464 pp. (BK)
570. R. Vaeyens, R.M. Malina, M. Janssens, B. Van Renterghem, J. Bourgois, J. Vrijens, and R.M. Philippaerts, 2006. A multidisciplinary selection model for youth soccer: Ghent Youth Soccer Project. **British Journal of Sports Medicine** 40:928-934. (RJ)
571. B.B. Little, M.E. Peña Reyes, and R.M. Malina, 2006. Opportunity for natural selection and gene flow in an isolated Zapotec-speaking community in southern Mexico in the throes of a secular increase in size. **Human Biology** 78:295-305. (RJ)
572. Z. Ignasiak, T. Slawinska, K. Rożek, B.B. Little, and R.M. Malina, 2006. Lead and growth status of school children living in the copper basin of south-western Poland: Differential effects on bone growth. **Annals of Human Biology** 33:401-414. (RJ)
573. S.P. Cumming, R.A. Battista, M. Standage, M.E. Ewing, and R.M. Malina, 2006. Estimated maturity status and perceptions of adult autonomy support in youth soccer players. **Journal of Sports Sciences** 24:1039-1046. (RJ)
574. R.M. Malina, 2006. Weight training in youth – growth, maturation, and safety: An evidence-based review. **Clinical Journal of Sports Medicine** 16:478-487. (RJ)
575. G.P. Beunen, A.D. Rogol, and R.M. Malina, 2006. Indicators of biological maturation and secular changes in biological maturation. **Food and Nutrition Bulletin** 27 (4, supplement):S244-S256. (RJ)
576. R.M. Malina and P.T. Katzmarzyk, 2006. Physical activity and fitness in an international standard for preadolescent and adolescent children. **Food and Nutrition Bulletin** 27 (4, supplement):S295-S313. (RJ)

577. V. Lopes, C.M. Silva Vasques, M.B. Ferreira Leite de Oliveira Pereira, J.A. Ribeiro Maia, and R.M. Malina, 2006. Physical activity patterns during school recess: A study in children 6 to 10 years old. **International Electronic Journal of Health Education** 9:192-201. (RJ)
578. R.M. Malina, 2006. Youth physical activity: Implications for adult physical activity and health. **Studies in Physical Culture and Tourism** (Poznań, Poland) 13 (supplement):29-33. (CP)
579. A.M. Rodrigues, A.J. Figueiredo, M. J. Coelho e Silva, J. Mota, and R.M. Malina, 2006. Preliminary report of a concurrent validation of a 3-day diary with accelerometry in a Portuguese sample of adolescents. **Journal of the Coimbra Network of Exercise Sciences** 3:1-5. (RJ)
580. A.J. Figueiredo, M.J. Coelho e Silva, and R.M. Malina, 2006. Perfil de jovens futebolistas: crescimento somático e desempenho desportivo-motor em infantis e iniciados masculinos. In **Desporto de Jovens ou Jovens do Desporto?**, M.J. Coelho e Silva, C.E. Goncalves and A.J. Figueiredo, editors, pp. 19-35, Coimbra, Portugal: Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra. (CSB)
581. J.C. Eisenmann, R.M. Malina, A. Tremblay, and C. Bouchard, 2007. Adiposity and cardiac dimensions among 9- to 18-year-old youth: the Quebec Family Study. **Journal of Human Hypertension** 21:114-119. (RJ)
582. R.M. Malina, 2007. Body composition in athletes: assessment and estimated fatness. **Clinics in Sports Medicine** 26:37-68. (RJ)
583. R. Battista, J. Pivarnik, G. Dummer, N. Sauer, and R.M. Malina, 2007. Comparisons of physical characteristics and performances among female collegiate rowers. **Journal of Sports Sciences** 25:651-657. (RJ)
584. A. Szklarska, S. Koziel, T. Bielicki, and R.M. Malina, 2007. Influence of height on attained level of education in males at 19 years of age. **Journal of Biosocial Science** 39:575-582. (RJ)
585. R.M. Malina, 2007. Physical fitness of children and adolescents in the United States: Status and secular change. In **Pediatric Fitness: Secular Trends and Geographic Variability**, G.R. Tomkinson and T.S. Olds, editors, pp. 67-90, Basel: S. Karger. (CSB)
586. R.M. Malina, 2007. Physical activity and children and adolescents. In **Adequacy of Evidence for Physical Activity Guidelines Development**, C.W. Suijter and V.I. Kraak, rapporteurs, pp. 95-101, Washington, DC: National Academies Press. (CP)
587. Y-C. Huang and R.M. Malina, 2007. BMI and health-related physical fitness in Taiwanese youth 9-18 years. **Medicine and Science in Sports and Exercise** 39:701-708. (RJ)
588. R.M. Malina, B. Ribeiro, J. Aroso, and S.P. Cumming, 2007. Characteristics of youth soccer players 13-15 years classified by skill level. **British Journal of Sports Medicine** 41:290-295. (RJ)
589. R.M. Malina, 2007. Dualism revisited. **International Journal of Sport Psychology** 38:104-108. (RJ)
590. B.B. Little and R.M. Malina, 2007. Gene-environment interaction in skeletal maturity and body dimensions of urban Oaxaca Mestizo schoolchildren. **Annals of Human Biology** 34:216-225. (RJ)
591. R.M. Malina, M. Chamorro, L. Serratos, and F. Morate, 2007. TW3 and Fels skeletal ages in elite youth soccer players. **Annals of Human Biology** 34:265-272. (RJ)
592. Z. Ignasiak, T. Sławinska, K. Rożek, R.M. Malina, and B.B. Little, 2007. Blood lead level and physical fitness of school children in the copper basin of south-western Poland: Indirect effects through growth stunting. **Annals of Human Biology** 34:329-343. (RJ)

593. M.E. Peña Reyes, A. Garcia Montes, D. Lopez Romero, M. Ramirez Hernandez, A. Ramirez Ortiz, S.K. Tan, and R.M. Malina, 2007. Contraste urbano-rural en los patrones de actividad fisica en niños de escuelas primarias del estado de Oaxaca, en el sur de Mexico. In **Memoria del VII Congreso de la Asociación Latinoamericana de Antropología Biológica**, P.O. Hernandez Espinoza, C. Serrano Sanchez and F. Ortiz Pedraza, editors, pp. 269-279. Mexico, D.F.: Instituto Nacional de Antropología e Historia. (CP)
594. R.M. Malina, M.E. Peña Reyes, S.K. Tan, P.H. Buschang, and B.B. Little, 2007. Overweight and obesity in a rural Amerindian population in Oaxaca, Southern Mexico, 1968-2000. **American Journal of Human Biology** 19:711-721. (RJ)
595. R.M. Malina, T.P. Dompier, J.W. Powell, M.J. Barron, and M.T. Moore, 2007. Validation of a noninvasive maturity estimate relative to skeletal age in youth football players. **Clinical Journal of Sports Medicine** 17:362-368. (RJ)
596. R.M. Malina, P.J. Morano, M. Barron, S.J. Miller, S.P. Cumming, A.P. Kontos, and B.B. Little, 2007. Overweight and obesity among youth participants in American football. **Journal of Pediatrics** 151:378-382. (RJ)
597. A.F. Seabra, D.M. Mendonça, M.A. Thomis, R.M. Malina, and J.A. Maia, 2007. Sports participation among Portuguese youth 10 to 18 years. **Journal of Physical Activity and Health** 4:370-380. (RJ)
598. R.M. Malina, 2007. Building an active mindset in children. **ACSM Fit Society Page**, A Quarterly Publication of the American College of Sports Medicine, www.acsm.org, Late Summer/Early Fall, page 4. (PR)
599. R.M. Malina and J.L. Gabriel, editors, 2007. **USA Diving Coach Development Reference Manual**. Indianapolis, IN: USA Diving Publications, USA Diving, 783 pp. (EV)
600. R.M. Malina, 2007. Growth, maturation and development: Applications to young athletes and in particular to divers. In **USA Diving Coach Development Reference Manual**, R.M. Malina and J.L. Gabriel, editors, pp. 3-29. Indianapolis, IN: USA Diving Publications, USA Diving. (CSB)
601. S.J. Anderson and the United States Diving Talent Identification Committee: D. Golden, W.H. Heusner, R. O'Brien, R.M. Malina, J. Shea, C. Geithner, and J. Gabriel, 2007. Sport and health background of Junior National championship divers. In **USA Diving Coach Development Reference Manual**, R.M. Malina and J.L. Gabriel, editors, pp. 31-38. Indianapolis, IN: USA Diving Publications, USA Diving. (CSB)
602. S.P. Cumming, M. Standage, and R.M. Malina, 2007. Motivating young divers. In **USA Diving Coach Development Reference Manual**, R.M. Malina and J.L. Gabriel, editors, pp. 195-201. Indianapolis, IN: USA Diving Publications, USA Diving. (CSB)
603. C.E. Gonçalves, S.P. Cumming, M.J. Coelho e Silva, and R.M. Malina, editors, 2007. **Sport and Education: Tribute to Martin Lee**. Coimbra, Portugal: Coimbra University Press, 207 pp. (EV)
604. R.M. Malina, 2007. Benefits and risks of participation in organized youth sports. In **Sport and Education: Tribute to Martin Lee**, C.E. Gonçalves, S.P. Cumming, M.J. Coelho e Silva, and R.M. Malina, editors, pp. 57-71. Coimbra, Portugal: Coimbra University Press. (CSB)
605. G. Beunen and R.M. Malina, 2008. Growth and biologic maturation: Relevance to athletic performance. In **The Young Athlete**, H. Hebestreit and O. Bar-Or, editors, pp. 3-17. Malden, MA: Blackwell Publishing. (CSB)
606. R.M. Malina, 2008. Skill acquisition in childhood and adolescence. In **The Young Athlete**, H. Hebestreit and O. Bar-Or, editors, pp. 96-111. Malden, MA: Blackwell Publishing. (CSB)
607. R.M. Malina and G. Beunen, 2008. Growth and maturation: Methods of monitoring. In **The Young Athlete**, H. Hebestreit and O. Bar-Or, editors, pp. 430-442. Malden, MA: Blackwell Publishing. (CSB)

608. B.B. Little, R.M. Malina, and M.E. Peña Reyes, 2008. Natural selection and demographic transition in a Zapotec-speaking genetic isolate in the Valley of Oaxaca, southern Mexico. **Annals of Human Biology** 35:34-49. (RJ)
609. C.M. Bonci, L.J. Bonci, L.R. Granger, C.L. Johnson, R.M. Malina, L.W. Milne, R.R. Ryan, and E.M. Vanderbunt, 2008. National Athletic Trainers' Association position statement: Preventing, detecting, and managing disordered eating in athletes. **Journal of Athletic Training** 43:80-108. (RJ)
610. S.P. Cumming, M. Standage, F. Gillison, and R.M. Malina, 2008. Sex differences in exercise behavior during adolescence: Is biological maturation a confounding factor? **Journal of Adolescent Health** 42:480-485. (RJ)
611. R.M. Malina and B.B. Little, 2008. Physical activity: The present in the context of the past. **American Journal of Human Biology** 20:373-391. (RJ)
612. R.M. Malina, 2008. Physical activity in childhood and adolescence: Implications for adult health and activity. In **Ageing Related Problems in Past and Present Populations** (Biennial Books of the European Anthropological Association, Volume 5), E.B. Bodzsar and C. Susanne, editors, pp. 189-204. Budapest: Plantin Publ. & Press Ltd. (CSB)
613. R.M. Malina, M.E. Peña Reyes, S.K. Tan, and B.B. Little, 2008. Physical activity in youth from a subsistence agriculture community in the Valley of Oaxaca, southern Mexico. **Applied Physiology, Nutrition and Metabolism** 33:819-830. (RJ)
614. A.M. Rodrigues, A.J. Figueiredo, M.J. Coelho e Silva, J. Mota, and R.M. Malina, 2008. Actividade física e saúde em idade pediátrica: Estudo em adolescentes escolares com base em diferentes metodologias de avaliação e vários critérios de classificação. **Boletim do Sociedade Portuguesa de Educação Física** 33: 37-49. (RJ)
615. R.M. Malina, 2008. Biocultural factors in developing physical activity levels. In **Youth Physical Activity and Sedentary Behavior: Challenges and Solutions**, A.L. Smith and S.J.H. Biddle, editors, pp. 141-166. Champaign, IL: Human Kinetics. (CSB)
616. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2008. Epidemiologic transition in an isolated indigenous community in the Valley of Oaxaca, Mexico. **American Journal of Physical Anthropology** 137:69-81. (RJ)
617. R.M. Malina, 2008. Attività fisica dei giovani: Salute potenziale e benefici della condizione fisica (Physical activity in youth: Potential health and fitness benefits). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 39(2):3-16. (RJ)
618. R.M. Malina, 2008. Physical activity: Impact on child health and nutritional needs. In **Pediatric Nutrition in Practice**, B. Koletzko, P. Cooper, M. Makrides, C. Garza, R. Uauy and W. Wang, editors, pp. 62-66. Basel: S. Karger. (CSB)
619. E.V. Monsma, K.A. Pfeiffer, and R.M. Malina, 2008. Relationship of social physique anxiety to indicators of physique. **Research Quarterly for Exercise and Sport** 79:417-422. (RJ)
620. R.M. Malina, 2008. Talent development in sport: Concepts and issues. In **Talent Identification and Development – The Search for Sporting Excellence**, R. Fisher and R. Bailey, editors, pp. 107-121. Berlin: International Council for Sport Science and Physical Education - Perspectives: The Multidisciplinary Series of Physical Education and Sport Science, Volume 9. (CSB)
621. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2008. Secular change in the growth status of urban and rural schoolchildren aged 6-13 years in Oaxaca, southern Mexico. **Annals of Human Biology** 35:475-489. (RJ)
622. M.J. Coelho e Silva, A.J. Figueiredo, H. Moreira Carvalho, and R.M. Malina, 2008. Functional capacities and

- sport-specific skills of 14- to 15-year-old male basketball players: Size and maturity effects. **European Journal of Sport Science** 8:277-285. (RJ)
623. R.M. Malina, 2008. Promoting physical activity in children and adolescents: A review. **Clinical Journal of Sports Medicine** 18:549-550. (RJ, commentary)
624. A.L. Claessens, G. Beunen, and R.M. Malina, 2008. Anthropometry, physique, body composition, and maturity. In **Pediatric Exercise Science and Medicine**, 2nd edition, N. Armstrong and W. van Mechelen, editors, pp. 23-36. Oxford: Oxford University Press. (CSB)
625. M.A. Mazzuco, A.J. Figueiredo, M.J. Coelho e Silva, S.G. da Silva, and R.M. Malina, 2008. Age-related variation of physical structure, functional capacities and soccer-specific skills among pubertal soccer players. **Journal of Physical Education and Sport Science** (Coimbra Network) 4:75-81. (RJ)
626. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2008. Historia natural del crecimiento de niños y púberes en una comunidad indígena: el Proyecto Oaxaca. **Cuadernos de Nutricion** 31:207-214 (Noviembre/Diciembre). (RJ)
627. R.M. Malina, 2008. Sport giovanile organizzato. Parte 1: Benefici potenziali della pratica (Organized youth sports: Potential benefits of participation). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 39(4):3-16. (RJ)
628. A.J. Figueiredo, C.E. Gonçalves, M.J. Coelho e Silva, and R.M. Malina, 2009. Youth soccer players, 11-14 years: Maturity, size, function, skill and goal orientation. **Annals of Human Biology** 36:60-73. (RJ)
629. R.M. Malina, 2009. Ethnicity and biological maturation in sports medicine research. **Scandinavian Journal of Medicine and Science in Sports** 19:1-2. (RJ, invited editorial comment)
630. S.P. Cumming, M. Standage, F.B. Gillison, T.P. Dompier, and R.M. Malina, 2009. Biological maturity status, body size, and exercise behaviour in British youth: A pilot study. **Journal of Sports Sciences** 27:677-686. (RJ)
631. A.J. Figueiredo, C.E. Gonçalves, M.J. Coelho e Silva, and R.M. Malina, 2009. Characteristics of youth soccer players who drop out, persist or move up. **Journal of Sports Sciences** 27:883-891. (RJ)
632. R.M. Malina, 2009. Sviluppo del talento nello sport. Parte I: Concetti di base (Talent development in sport. Part I: Basic concepts). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 40(1):3-18. (RJ)
633. M.W. Peeters, M.A. Thomis, G.P. Beunen, and R.M. Malina, 2009. Genetics and sports: An overview of the pre-molecular biology era. **Medicine and Sport Science** 54: 28-42. (RJ)
634. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2009. Auxology and social inequality in Oaxaca, Mexico: the state and community levels. In **Human Growth in a Changing Lifestyle**, K. Ashizawa and N. Cameron, editors, pp. 85-98. London: Smith-Gordon. (CP)
635. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2009. Socioeconomic variation in the growth status of urban school children 6-13 years in Oaxaca, Mexico, in 1972 and 2000. **American Journal of Human Biology** 21:805-816. (RJ)
636. R.M. Malina, 2009. Sviluppo del talento nello sport. Parte II: Efficacia dei programmi di selezione del talento (Talent development in sport. Part II. Effectiveness of talent selection programs). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 40(2):4-10. (RJ)
637. M.E. Peña Reyes, E.E. Cárdenas Barahona, P. Stefani-Lamadrid, M. Del Olmo Calzada, and R.M. Malina, 2009. Growth status of indigenous school children 6-14 years in the Tarahumara Sierra, northern Mexico, in

- 1990 and 2007. **Annals of Human Biology** 36:757-769. (RJ)
638. R.M. Malina, 2009. Children and adolescents in the sport culture: The overwhelming majority to the select few. **Journal of Exercise Science and Fitness** 7(Suppl):S1-S10. (RJ)
639. D. Thivel, R.M. Malina, L. Isacco, J. Aucouturier, M. Meyer, and P. Duché, 2009. Metabolic syndrome in obese children and adolescents: dichotomous or continuous? **Metabolic Syndrome and Related Disorders** 7:549-555. (RJ)
640. A.J. Figueiredo, M.E. Peña Reyes, M.J. Coelho e Silva, and R.M. Malina, 2009. **O Jovem Futebolista: Uma Perspectiva Auxológica**. Coimbra, Portugal: Câmara Cantanhede Municipio e Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, 114 pp. (BK)
641. R.M. Malina, 2009. Sviluppo del talento nello sport. Parte III: La corsa all specializzazione (Talent development in sport. Part III. The rush to specialization). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 40(3):3-16. (RJ)
642. M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, 2009. **Youth Sports, Volume 1: Participation, Trainability and Readiness**. Coimbra: Coimbra University Press, 219 pp. (EV)
643. R.M. Malina, 2009. Organized youth sports – background, trends, benefits and risks. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 2-27. Coimbra: Coimbra University Press. (CSB)
644. S.R. Siegel, M.E. Peña Reyes, E.E. Cárdenas Barahona, and R.M. Malina, 2009. Participation in organized sport among urban Mexican youth. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 38-48. Coimbra: Coimbra University Press. (CSB)
645. M.J. Coelho e Silva, F. Sobral, and R.M. Malina, 2009. Motivation for sport in Portuguese youth – biological and social dimensions. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 49-61. Coimbra: Coimbra University Press. (CSB)
646. R.M. Malina, 2009. Effects of training for sport on growth and maturation. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 118-129. Coimbra: Coimbra University Press. (CSB)
647. R.M. Malina and J.E. Eisenmann, 2009. Functional responses of children and adolescents to systematic training. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 130-138. Coimbra: Coimbra University Press. (CSB)
648. R.M. Malina, 2009. Injury in youth sports – surveillance, risk and rates. In **Youth Sports, Volume 1: Participation, Trainability and Readiness**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 188-204. Coimbra: Coimbra University Press. (CSB)
649. M.J. Coelho e Silva, A.J. Figueiredo, H. Moreira Carvalho, V. Vaz, C.E. Gonçalves, I. Rêgo, R. Soles Gonçalves, M.E. Peña Reyes, C. Castagna, K.A.P. Lemmink, R. Vaeyens, R.M. Philippaerts, and R.M. Malina, 2009. **Atleta e Adolescente: Maturação Esquelética, Tamanho Corporal, Fraccionação da Massa Apendicular, Potência Muscular e Aptidão Anaeróbia**. Coimbra: Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, 96 pp. (BK)
650. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2010. Secular change in heights of indigenous adults from a Zapotec-speaking community in Oaxaca, southern Mexico. **American Journal of Physical Anthropology** 141:463-475. (RJ)

651. R.M. Malina, 2010. Childhood and adolescent physical activity and risk of adult obesity. In **Physical Activity and Obesity**, 2nd edition, C. Bouchard and P.T. Katzmarzyk, editors, pp. 111-113, 376-377. Champaign, IL: Human Kinetics. (CSB)
652. R.M. Malina, 2010. Growth, maturation and development: General principles and applications to young athletes. In **Proceedings of International Scientific Symposium 2008, Elite Young Athletes: Biopsychosocial Approaches to Sporting Excellence**, R. So, editor, pp. 33-60. Hong Kong: Hong Kong Sports Institute Limited. (CP)
653. R.M. Malina, M.E. Peña Reyes, S.K. Tan, and B.B. Little, 2010. Secular change in muscular strength of indigenous rural youth 6-17 years in Oaxaca, southern Mexico: 1968-2000. **Annals of Human Biology** 37:168-184. (RJ)
654. R.M. Malina, 2010. Maturity status and injury risk in youth soccer players. **Clinical Journal of Sports Medicine** 20:132-133. (RJ, commentary)
655. R.M. Malina, 2010. Growth and maturation: Interactions and sources of variation. In **Human Variation from the Laboratory to the Field**, C.G. Nicholas Mascie-Taylor, A. Yasukouchi and S. Ulijaszek, editors, pp. 199-218. Boca Raton, FL: CRC Press, Taylor and Francis Group. (CP)
656. G.P. Beunen, R.M. Malina, D.I. Freitas, J.A. Maia, A.L. Claessens, E.R. Gouveia and J. Lefevre, 2010. Cross-validation of the Beunen-Malina method to predict adult height. **Annals of Human Biology** 37:593-597. (RJ)
657. R.M. Malina, M.E. Peña Reyes, and B.B. Little, 2010. Consecuencias biológicas de la desigualdad social: Ejemplos a nivel del estado y la comunidad en Oaxaca. In **Los Niños, Actores Sociales Ignorados: Levantando el Velo, una Mirada al Pasado**, L. Marquez Morfin, editor, pp. 325-359. Mexico, DF: Escuela Nacional de Antropología e Historia. (CSB)
658. R.M. Malina, B.B. Little, and M.E. Peña Reyes, 2010. Nutritional status of indigenous populations in the Valley of Oaxaca ~3500 BP to the present. In **Nutritional Factors in Past and Present Populations** (Biennial Books of the European Anthropological Association, Volume 6), E.B. Bodzsár and C. Susanne, editors, pp. 25-37. Budapest: Plantin Publ. and Press, Ltd. (CSB)
659. M.E. Peña Reyes, G.B. Chavez, B.B. Little, and R.M. Malina, 2010. Community well-being and growth status of indigenous school children in rural Oaxaca, southern Mexico. **Economics and Human Biology** 8:177-187. (RJ)
660. M.J. Coelho e Silva, H. Moreira Carvalho, C.E. Gonçalves, A.J. Figueiredo, M.T. Elferink-Gemser, R.M. Philippaerts, and R.M. Malina, 2010. Growth, maturation, functional capacities and sport-specific skills in 12-13 year old basketball players. **Journal of Sports Medicine and Physical Fitness** 50:174-181. (RJ)
661. L.B. Shearer, S.P. Cumming, J.C. Eisenmann, A.D.G. Baxter-Jones, and R.M. Malina, 2010. Adolescent biological maturity and physical activity: Biology meets behavior. **Pediatric Exercise Science** 22:332-349. (RJ)
662. A.M. Machado Rodrigues, M. J. Coelho e Silva, J. Mota, S.P. Cumming, L.B. Shearer, H. Neville, and R.M. Malina, 2010. Confounding effects of biologic maturation on sex differences in physical activity and sedentary behavior in adolescents. **Pediatric Exercise Science** 22:442-453. (RJ)
663. R.M. Malina, T. Sławinska, Z. Ignasiak, K. Rożek, K. Kochan, J. Domaradzki, and J. Fugiel, 2010. Sex differences in growth and performance of track and field athletes 11-15 years. **Journal of Human Kinetics** 24:79-85. (RJ)
664. Y-C. Huang and R.M. Malina, 2010. Body mass index and individual physical fitness tests in Taiwanese

- youth aged 9-18 years. **International Journal of Pediatric Obesity** 5:404-411. (RJ)
665. R.M. Malina, 2010. Sport giovanili organizzati. Parte 2: Rischi potenziali della pratica (Organized youth sports: Potential risks of participation). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 41(1-2):3-13. (RJ)
666. M.J. Coelho e Silva, A.J. Figueiredo, F. Simões, A. Seabra, A. Natal, R. Vaeyens, R. Philippaerts, S.P. Cumming, and R.M. Malina, 2010. Discrimination of U-14 soccer players by level and position. **International Journal of Sports Medicine** 31:790-796. (RJ)
667. R.M. Malina, 2010. Early sports specialization: Roots, effectiveness, risks. **Current Sports Medicine Reports** 9:364-371. (RJ)
668. B.B. Little and R.M. Malina, 2010. Marriage patterns in a Mesoamerican peasant community are biologically adaptive. **American Journal of Physical Anthropology** 143: 501-511. (RJ)
669. R.M. Malina, M.E. Peña Reyes, A. J. Figueiredo, M.J. Coelho e Silva, L. Horta, R. Miller, M. Chamorro, L. Serratos, and F. Morate, 2010. Skeletal age in youth soccer players: Implication for age verification. **Clinical Journal of Sports Medicine** 20:469-474. (RJ)
670. A.J. Figueiredo, M.J. Coelho e Silva, S.P. Cumming, and R.M. Malina, 2010. Size and maturity mismatch in youth soccer players 11- to 14-years-old. **Pediatric Exercise Science** 22:596-612. (RJ)
671. R. Carter III, S.N. Cheuvront, C.K. Harrison, L. Proctor, K.H. Myburgh, M.D. Brown, and R.M. Malina, 2010. Success, race and athletic performance: Biology, belief, or environment? **Journal for the Study of Sports and Athletes in Education** 4(3):207-229. (RJ)
672. R.M. Malina, 2010. Physical activity and health of youth. **Ovidius University Annals, Series Physical Education and Sport: "Science, Movement and Health"** (Constanta, Romania) 10 (2):271-277. (CP)
673. A.J. Figueiredo, M.J. Coelho e Silva, and R.M. Malina, 2010. Somatic growth and maturity status of youth soccer players 11-12 years: Variation by field position. In **International Research in Science and Soccer: The Proceedings of the First World Conference on Science and Soccer**, B. Drust, T. Reilly and A.M. Williams, editors, pp. 3-6. Oxford, UK: Routledge. (CP)
674. R.M. Malina, 2010. La verifica dell'eta nello sport giovanile: l'eta scheletrica non funziona (Age verification in youth sport: Skeletal age does not work). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 41(3):3-13. (RJ)
675. M.J. Coelho e Silva, A.J. Figueiredo, M.T. Elferink-Gemser, and R.M. Malina, editors, 2010. **Youth Sports, Volume 2: Growth, Maturation and Talent**. Coimbra: Coimbra University Press, 227 pp. (EV)
676. R.M. Malina, 2010. Basic principles of growth and maturation. In **Youth Sports, Volume 2: Growth, Maturation and Talent**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 16-31. Coimbra: Coimbra University Press. (CSB)
677. M.J. Coelho e Silva, J.V. dos Santos, V. Vas, A.J. Figueiredo, M.E. Peña Reyes, and R.M. Malina, 2010. Assessment of biological maturation in adolescent athletes. In **Youth Sports, Volume 2: Growth, Maturation and Talent**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 33-50.. Coimbra: Coimbra University Press. (CSB)
678. M.J. Coelho e Silva, A.J. Figueiredo, F. Sobral, and R.M. Malina, 2010. Variation in size, physique, functional capacities and soccer skills in players 11-16 years. In **Youth Sports, Volume 2: Growth, Maturation and Talent**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 61-70. Coimbra: Coimbra University Press. (CSB)

679. M.E. Peña Reyes and R.M. Malina, 2010. Growth and maturity profile of youth swimmers in Mexico. In **Youth Sports, Volume 2: Growth, Maturation and Talent**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 71-79. Coimbra: Coimbra University Press. (CSB)
680. S.P. Cumming, M. Standage, and R.M. Malina, 2010. Youth soccer. In **Youth Sports, Volume 2: Growth, Maturation and Talent**, M.J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, pp. 207-219.. Coimbra: Coimbra University Press. (CSB)
681. M.J. Coelho e Silva, H. Moreira Carvalho, A.M.C. Santos, C.E. Gonçalves, A.J. Figueiredo, M. Mazzucco, and R.M. Malina, 2010. Assessment of anaerobic performance in youth basketball and its contribution to differentiate players by competitive level. In **Children and Exercise XXV: Proceedings of the 25th Pediatric Work Physiology Meeting**, G. Baquet and S. Berthoin, editors, pp. 181-186. London: Routledge. (CP)
682. S.R. Siegel, R.M. Malina, M.E. Peña Reyes, and E.E. Cárdenas Barahona, 2011. Estimated physical activity and inactivity in urban Mexican school youth. **Annals of Research in Sport and Physical Activity (University of Coimbra)** 1:25-45. (RJ)
683. N.E. Thomas, M. Jasper, D.R.R. Williams, D.A.Rowe, R.M. Malina, B.Davies, S.R. Siegel and J.S. Baker, 2011. Secular trends in established and novel cardiovascular risk factors in Welsh 12-13 year olds: A comparison between 2002 and 2007. **Annals of Human Biology** 38:22-27. (RJ)
684. R.M. Malina, M.E. Peña Reyes, C.G. Alvarez, and B.B. Little, 2011. Age and secular effects on muscular strength of indigenous rural adults in Oaxaca, southern Mexico. **Annals of Human Biology** 38:175-187. (RJ)
685. R.M. Malina, Z. Ignasiak, K. Rożek, T. Sławińska, J. Domaradzki, J. Fugiel, and K. Kochan, 2011. Growth, maturity and functional characteristics of female athletes 11-15 years of age. **Human Movement** 12:31-40. (RJ)
686. A.F. Seabra, D.M. Mendonca, M.A. Thomis, R.M. Malina, and J.A. Maia, 2011. Correlates of physical activity in Portuguese adolescents from 10 to 18 years. **Scandinavian Journal of Medicine and Science in Sports** 21:318-323. (RJ)
687. G.P. Beunen, M.W. Peeters, and R. M. Malina, 2011. Twin studies in sport performance. In **Genetic and Molecular Aspects of Sport Performance**, C. Bouchard and E.P. Hoffman, editors, pp. 101-109. West Sussex, UK: Blackwell Publishing, Ltd, John Wiley and Sons. (CSB)
688. H.M. Carvalho, M.J. Coelho e Silva, A.J. Figueiredo, C.E. Gonçalves, C. Castagna, R.M. Philippaerts, and R.M. Malina, 2011. Cross-validation and reliability of the line-drill test of anaerobic performance in basketball players 14-16 years. **Journal of Strength and Conditioning Research** 25:1113-1119. (RJ)
689. Z. Ignasiak, T. Slawinska, R.M. Malina, and B.B. Little, 2011. Blood lead concentrations in children from industrial areas in southwestern Poland in 1995 and 2007. **Polish Journal of Environmental Studies** 20:503-508. (RJ)
690. J. Brito, A. Rebelo, J.M. Soares, A. Seabra, P. Krustrup, and R.M. Malina, 2011. Injuries in youth soccer during the preseason. **Clinical Journal of Sports Medicine** 21:259-260. (RJ)
691. S.P. Cumming, M. Standage, T. Loney, C. Gammon, H. Neville, L.B. Sherar, and R.M. Malina, 2011. The mediating role of physical self-concept on relations between biological maturity status and physical activity in adolescent females. **Journal of Adolescence** 34:465-473. (RJ)
692. R.M. Malina and C.A. Geithner, 2011. Body composition of young athletes. **American Journal of Lifestyle Medicine** 5:262-278. (RJ)
693. A.J. Figueiredo, M.J. Coelho e Silva, and R.M. Malina, 2011. Predictors of functional capacity and skill in

- youth soccer players. **Scandinavian Journal of Medicine and Science in Sports** 21:446-454. (RJ)
694. R.M. Malina, K. Rożek, Z. Ignasiak, T. Sławinska, J. Fugiel, K. Kochan, and J Domaradzki, 2011. Growth and functional characteristics of male athletes 11-15 years of age. **Human Movement** 12:180-187. (RJ)
695. H.M. Carvalho, M.J. Silva, A.J. Figueiredo, C.E. Gonçalves, R.M. Philippaerts, C. Castagna, and R.M. Malina, 2011. Predictors of maximal short-term power outputs in basketball players 14-16 years. **European Journal of Applied Physiology** 111:589-596. (RJ)
696. D.S. Buchan, S. Ollis, J.D. Young, N.E. Thomas, S.M. Cooper, T.K. Tong, J. Nie, R.M. Malina, and J.S. Baker, 2011. The effects of time and intensity of exercise on novel and established markers of CVD in adolescent youth. **American Journal of Human Biology** 23:517-26. (RJ)
697. A.M. Machado-Rodrigues, M.J. Coelho e Silva, J. Mota, S.P. Cumming, C. Riddoch, and R.M. Malina, 2011. Correlates of aerobic fitness in urban and rural Portuguese adolescents. **Annals of Human Biology** 38:479-484. (RJ)
698. R.M. Malina, M.E. Peña Reyes, S.K. Tan, and B.B. Little, 2011. Physical fitness of normal, stunted and overweight children 6-13 years in Oaxaca, Mexico. **European Journal of Clinical Nutrition** 65:826-834. (RJ)
699. R.M. Malina, 2011. The health of young athletes. In **Coaching Children in Sport**, I. Stafford, editor, pp. 240-255. London: Routledge (Taylor and Francis Group). (CSB)
700. S.R. Siegel, R.M. Malina, M.E. Peña Reyes, E.E. Cardenas Barahona, and S.P. Cumming, 2011. Correlates of physical activity and inactivity in urban Mexican youth. **American Journal of Human Biology** 23:686-692. (RJ)
701. V.P. Lopes, L.P. Rodrigues, J.A. Maia, and R.M. Malina, 2011. Motor coordination as a predictor of physical activity in childhood. **Scandinavian Journal of Medicine and Science in Sports**, 21:663-669. (RJ)
702. R.M. Malina, 2011. Skeletal age and age verification in youth sport. **Sports Medicine** 41:925-947. (RJ)
703. R.M. Malina, M.E. Peña Reyes, G. Bali Chavez, and B.B. Little, 2011. Secular change in height and weight of indigenous school children in Oaxaca, Mexico, between the 1970s and 2007. **Annals of Human Biology** 38:691-701. (RJ)
704. H.M. Carvalho, M.J. Coelho e Silva, C.E. Gonçalves, R.M. Philippaerts, C. Castagna, and R.M. Malina, 2011. Age-related variation of anaerobic power after controlling for size and maturation in adolescent basketball players. **Annals of Human Biology** 38:721-727. (RJ)
705. R.M. Malina, 2011. Atlete intercollege praticanti atletica leggera: Caratteristiche familiari, prime esperienze sportive, motivazione e altri aspetti significativi (Female intercollegiate track and field athletes: Family characteristics, early sport experiences, motivation and significant others). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 42(1):3-11. (RJ)
706. A.M. Machado-Rodrigues, M.J. Coelho e Silva, J. Mota, E. Cyrino, S.P. Cumming, C. Riddoch, G. Beunen, and R.M. Malina, 2011. Agreement in activity energy expenditure assessed by accelerometer and self-report in adolescents: Variation by sex, age, and weight status. **Journal of Sports Sciences** 29:1503-1514. (RJ)
707. G.P. Beunen, R.M. Malina, D.L. Freitas, M.A. Thomis, J.A. Maia, A.L. Claessens, E.R. Gouveia, H.H. Maes, and J. Lefevre, 2011. Prediction of adult height in girls: The Beunen-Malina-Freitas method. **Journal of Sports Sciences** 29:1683-1691. (RJ)
708. H.M. Carvalho, M.J. Coelho e Silva, E.R. Vaz Ronque, R.S. Gonçalves, R.M. Philippaerts, and R.M. Malina, 2011. Assessment of reliability of isokinetic testing among adolescent basketball players. **Medicina** (Kaunas)

- 47:446-452. (RJ)
709. D.S. Buchan, S. Ollis, N.E. Thomas, D.S. Buchan, N. Buchanan, S.M. Cooper, R.M. Malina, and J.S. Baker, 2011. Physical activity interventions: Effects of duration and intensity. **Scandinavian Journal of Medicine and Science in Sports** 21:e341-e350. (RJ).
710. R.M. Malina and A.D. Rogol, 2011. Sport training and the growth and pubertal maturation of young athletes. **Pediatric Endocrinology Review** 9:440-454. (RJ)
711. J. Valente-dos-Santos, V. Vaz, A. Santos, A.J. Figueiredo, M.T. Elferink-Gemser, R.M. Malina, and M.J. Coelho e Silva, 2012. Short- and long-term maximal protocols and their contribution to differentiate under-17 hockey players by competitive level. In **Children and Exercise XXVII: Proceedings of the XXVIIth International Symposium of the European Group of Pediatric Work Physiology**, C.A. Williams and N. Armstrong, editors, pp. 295-299. London: Routledge (Taylor and Francis Group). (CP)
712. M.J. Coelho e Silva, H.M. Carvalho, V. Vaz, J. Valente-dos-Santos, A.J. Figueiredo, M.T. Elferink-Gemser, and R.M. Malina, 2012. Isokinetic strength and risk of muscle imbalance in U-17 hockey players by competitive level. In **Children and Exercise XXVII: Proceedings of the XXVIIth International Symposium of the European Group of Pediatric Work Physiology**, C.A. Williams and N. Armstrong, editors, pp. 309-313. London: Routledge (Taylor and Francis Group). (CP)
713. D.S. Buchan, S. Ollis, N.E. Thomas, R.M. Malina, and J.S. Baker, 2012. School-based physical activity interventions: Challenges and pitfalls. **Child: Care, Health and Development** 38:1-2. (RJ)
714. J.E. Hunter Smart, S.P. Cumming, L.B. Sherar, M. Standage, H. Neville, and R.M. Malina, 2012. Maturity associated variance in physical activity and health-related quality of life in adolescent females: a mediated effects model. **Journal of Physical Activity and Health** 9:86-95. (RJ)
715. R.M. Malina, 2012. Body mass index. In **Measuring Progress in Obesity Prevention: Workshop Report**, Institute of Medicine, pp. 42-48. Washington, D.C.: The National Academies Press. (CP)
716. J.B. Vandendriessche, B.F.R. Vandorpe, R. Vaeyens, R.M. Malina, J. Lefevre, M. Lenoir, and R.M. Philippaerts, 2012. Variation in sport participation, fitness and motor coordination with socioeconomic status among Flemish children. **Pediatric Exercise Science** 24:113-128. (RJ)
717. J.C. Eisenmann, C. Drenowatz, and R.M. Malina, 2012. Endurance training in children and adolescents. In I. Mujika, editor, **Endurance Training – Science and Practice**, pp. 235-245. Basque Country: Vitoria-Gasteiz. (CSB)
718. J. Brito, R.M. Malina, A. Seabra, J.L. Massada, J.M. Soares, P. Krstrup, and A. Rebelo, 2012. Injuries in Portuguese youth soccer players during training and match play. **Journal of Athletic Training** 47:191-197. (RJ)
719. B.B. Little and R.M. Malina, 2012. Secular changes in craniofacial dimensions of indigenous children in southern Mexico. In V.R. Preedy, editor, **Handbook of Anthropometry: Physical Measures of Human Form in Health and Disease**, pp. 1197-1210. Dordrecht, Netherlands: Springer Science+Business Media, LLC. (CSB)
720. V.P. Lopes, J.A.R. Maia, L.P. Rodrigues, and R.M. Malina, 2012. Motor coordination, physical activity and fitness as predictors of longitudinal changes in adiposity during childhood. **European Journal of Sport Science** 12:384-391. (RJ)
721. S.P. Cumming, L.B. Sherar, D.M. Pindus, M.J. Coelho e Silva, R.M. Malina, and P.R. Jardine, 2012. A biocultural model of maturity-associated variance in adolescent physical activity. **International Review of Sport and Exercise Psychology** 5:22-43. (RJ)

722. D. Freitas, R.M. Malina, J. Maia, J. Lefevre, M. Stasinopoulos, E. Gouveia, A. Claessens, M. Thomis, B. Lausen, 2012. Short-term secular change in height, body mass and Tanner-Whitehouse 3 skeletal maturity of Madeira youth, Portugal. **Annals of Human Biology** 39:195-205. (RJ)
723. H.M. Carvalho, M.J. Coelho e Silva, S. Franco, A.J. Figueiredo, O.M. Tavares, B. Ferry, I. Hidalgo-Hermanni, D. Courteix, and R.M. Malina, 2012. Agreement between anthropometric and dual-energy X-ray absorptiometry assessments of lower limb volumes and composition estimates in youth club rugby athletes. **Applied Physiology, Nutrition and Metabolism** 37:463-471. (RJ).
724. A.M. Machado-Rodrigues, M.J. Coelho e Silva, J. Mota, R.M. Santos, S. Cumming, and R.M. Malina, 2012. Physical activity and energy expenditure in adolescent male sport participants and non-participants aged 13-16 years. **Journal of Physical Activity and Health** 9:626-633. (RJ)
725. R.M. Malina and B.B. Little, 2012. "Growing up" and the environment. **Medycyna Środowiskowa – Environmental Medicine** 15(2):7-20. (RJ)
726. M.J. Coelho-e-Silva, J. Valente-dos-Santos, A.J. Figueiredo, and R.M. Malina, 2012. Ages of youth sports participants – Is verification a concern? **Journal of Sports Medicine and Doping Studies** 2(3):e107, pp. 1-3, doi: [10.4172/2161-0673.1000e107](https://doi.org/10.4172/2161-0673.1000e107). (RJ, editorial)
727. D.S. Buchan, J.D. Young, L. Kilgore, S.M. Cooper, R.M. Malina, and J.S. Baker, 2012. Prevalence of cardiovascular disease risk factors among Scottish youth: A pilot investigation. **OnLine Journal of Biological Sciences** 12:72-79. (RJ)
728. A.M. Machado-Rodrigues, A.J. Figueiredo, J. Mota, S.P. Cumming, J.C. Eisenmann, R.M. Malina and M.J. Coelho e Silva, 2012. Concurrent validation of estimated activity energy expenditure using a 3-day diary and accelerometry in adolescents. **Scandinavian Journal of Medicine and Science in Sports** 22:259-264. (RJ)
729. A.M. Machado-Rodrigues, M.J. Coelho e Silva, J. Mota, C. Padez, E. Ronque, S.P. Cumming, and R.M. Malina, 2012. Cardiorespiratory fitness, weight status and objectively measured sedentary behavior and physical activity in rural and urban Portuguese adolescents. **Journal of Child Health Care** 16:166-177. (RJ).
730. H.M. Carvalho, M.J. Coelho e Silva, R.S. Gonçalves, J. Valente-dos-Santos, R.M. Philippaerts, and R.M. Malina, 2012. Scaling lower-limb isokinetic strength for biological maturation and body size in adolescent basketball players. **European Journal of Applied Physiology** 112:2881-2889. (RJ)
731. D.S. Buchan, J. Young, L. Kilgore, S.M. Cooper, R.M. Malina, J. Cockcroft, and J.S. Baker, 2012. Relationships among indicators of fitness, fatness and cardiovascular disease risk factors in adolescents. **OnLine Journal of Biological Sciences** 12:89-95. (RJ)
732. J. Konarski, M. Krzykała, T. Podgorski, M. Pawlak, R. Strzelczyk, and R.M. Malina, 2012. Variations in functional and morphological characteristics of elite Polish field hockey players in a complete macrocycle. **International Journal of Sports Science and Coaching** 7:527-541. (RJ)
733. T. Sławińska, Z. Ignasiak, B.B. Little, and R.M. Malina, 2012. Short-term secular variation in menarche and blood lead concentration in school girls in the copper basin of southwestern Poland: 1995 and 2007. **American Journal of Human Biology** 24:587-594. (RJ)
734. D.S. Buchan, S. Ollis, N.E. Thomas, A. Simpson, J.D. Young, S.M. Cooper, R.M. Malina, J.R. Cockcroft, and J.S. Baker, 2012. Prevalence of traditional and novel markers of cardiovascular disease risk in Scottish adolescents: Socioeconomic effects. **Applied Physiology, Nutrition and Metabolism** 37:829-839. (RJ)
735. R.M. Malina, 2012. Growth. In F-C. Mooren and J.S. Skinner, editors, **Encyclopedia of Exercise Medicine in Health and Disease, Part 7**, pp. 376-378. Heidelberg: Springer-Verlag. (CSB)
736. S.P. Cumming, R.E. Smith, J.R. Grossbard, F.L. Smoll, and R.M. Malina, 2012. Body size, coping strategies,

- and mental health in adolescent female athletes. **International Journal of Sports Science and Coaching** 7:515-526. (RJ)
737. J. Valente dos Santos, M.J. Coelho e Silva, V. Severino, J. Duarte, R.S. Martins, A.J. Figueiredo, A.T. Seabra, R.M. Philippaerts, S.P. Cumming, M.T. Elferink-Gemser, and R.M. Malina, 2012. Longitudinal study of repeated sprint performance in youth soccer players of contrasting maturity status. **Journal of Sports Science and Medicine** 11:371-379. (RJ)
738. P.T. Katzmarzyk, W. Shen, A. Baxter-Jones, J.D. Bell, N.F. Butte, E.W. Demerath, V. Gilsanz, M.I. Goran, V. Hirschler, H.H. Hu, C. Maffei, R.M. Malina, M.J. Müller, A. Pietrobelli, and J.C.K. Wells, 2012. Adiposity in children and adolescents: Correlates and clinical consequences of fat stored in specific body depots. **Pediatric Obesity** 75:e42-61. (RJ).
739. J. Valente dos Santos, M.J. Coelho e Silva, R.A. Martins, A.J. Figueiredo, E.S. Cyrino, L.B. Sherar, R. Vaeyens, B.C. Huijzen, M.T. Elferink-Gemser, and R.M. Malina, 2012. Modelling developmental changes in repeated sprint ability by chronological and skeletal ages in young soccer players. **International Journal of Sports Medicine** 33:773-780. (RJ).
740. R.M. Malina, 2012. Professor James M. Tanner and the sport sciences. **Annals of Human Biology** 39:372-381. (RJ)
741. J. Valente dos Santos, M.J. Coelho e Silva, J. Duarte, A.J. Figueiredo, J.R. Liparotti, L.B. Sherar, M.T. Elferink-Gemser, and R.M. Malina, 2012. Longitudinal predictors of aerobic performance in adolescent soccer players. **Medicina (Kaunas)** 48:410-416. (RJ)
742. C. Carling, F. Le Gall, and R.M. Malina, 2012. Body size, skeletal maturity, and functional characteristics of elite academy soccer players on entry between 1992 and 2003. **Journal of Sports Sciences** 30:1683-1693. (RJ)
743. R.M. Malina, M.J. Coelho e Silva, A.J. Figueiredo, C. Carling, and G.P. Beunen, 2012. Interrelationships among invasive and non-invasive indicators of biological maturation in adolescent male soccer players. **Journal of Sports Sciences** 30:1705-1717. (RJ).
744. D.P. Coe, J.M. Pivarnik, C.J. Womack, M.J. Reeves, and R.M. Malina, 2012. Health-related physical fitness and academic achievement in middle school students. **Journal of Sports Medicine and Physical Fitness** 52:654-660. (RJ)
745. J. Valente dos Santos, M.J. Coelho e Silva, F. Simões, A.J. Figueiredo, N. Leite, M.T. Elferink-Gemser, R.M. Malina, L.B. Sherar, 2012. Modeling developmental changes in functional capacities and soccer-specific skills in male soccer players aged 11-17 years. **Pediatric Exercise Science** 24:603-621. (RJ)
746. M.J. Coelho-e-Silva, V. Vaz, F. Simões, H.M. Carvalho, J. Valente-dos-Santos, A.J. Figueiredo, V. Pereira, R. Vaeyens, R. Philippaerts, M.T. Elferink Gemser, and R.M. Malina, 2012. Sport selection in under-17 male roller hockey. **Journal of Sports Sciences** 30:1793-1802. (RJ)
747. T. Mino, R.M. Malina, and K. Nariyama, 2012. Longitudinal BMI percentile curves by maturity status of Japanese children. **Anthropological Review** 75:33-40. (RJ)
748. S.P. Cumming, L.B. Sherar, C. Gammon, M. Standage, and R.M. Malina, 2012. Physical activity and physical self-concept in adolescence: A comparison of girls at the extremes of the biological maturation continuum. **Journal of Research on Adolescence** 22:746-757. (RJ)
749. R.M. Malina, 2012. Physical activity as a factor in growth and maturation. In: N. Cameron and B. Bogin, editors, **Human Growth and Development**, 2nd edition, pp. 375-396. Waltham, MA: Academic Press. (CSB)
750. R.M. Malina, 2012. Movement proficiency in childhood: Implications for physical activity and youth sport.

- Kinesiologia Slovenica** 18:19-34. Also published in: M.D. Topic and T. Kajtna, editors, **Youth Sport: Proceedings of the 6th Conference for Youth Sport in Bled, 6-9 December 2012**, pp. 4-21. Ljubljana, Slovenia: University of Ljubljana, Faculty of Sport. (CP)
751. M. Duran, J. Gillespie, R.M. Malina, and B.B. Little, 2013. Growth and weight status of rural Texas school youth. **American Journal of Human Biology** 25:71-77. (RJ)
752. R.M. Malina, 2013. Motor development and performance. In: J. Côté and R. Lidor, editors, **Conditions of Children's Talent Development in Sport**, pp. 61-83. Morgantown, WV: Fitness Information Technology. (CSB)
753. J. Valente dos Santos, L. Sherar, M.J. Coelho e Silva, J.R. Pereira, V. Vaz, A. Cupido dos Santos, A. Baxter-Jones, C. Visscher, M.T. Elferink-Gemser, and R.M. Malina, 2013. Allometric scaling of peak oxygen uptake in male roller hockey players under 17 years. **Applied Physiology, Nutrition and Metabolism** 38:390-395. (RJ)
754. M.J. Coelho-e-Silva, J. Valente-dos-Santos, A.J. Figueiredo, L.B. Sherar and R.M. Malina, 2013. Pubertal status: Assessment, interpretation, analysis. **Journal of Sports Medicine and Doping Studies** 3:e134, pp. 1-2, doi: [10.4172/2161-0673.1000e134](https://doi.org/10.4172/2161-0673.1000e134). (RJ, editorial)
755. R.M. Malina, M. Coelho e Silva and A.J. Figueiredo, 2013. Growth and maturity status of youth players. In: A.M. Williams, editor, **Science and Soccer: Developing Elite Performers**, 3rd edition, pp. 307-332. Abingdon, UK: Routledge. (CSB)
756. M.J. Coelho e Silva, E.A. Vaz Ronque, E.E. Cyrino, R.A. Fernandes, J. Valente dos Santos, A. Machado Rodrigues, R. Martins, A.J. Figueiredo, R.Santos, and R.M. Malina, 2013. Nutritional status, biological maturation and cardiorespiratory fitness in Azorean youth aged 11-15 years. **BMC Public Health** 13:495, 1-10, doi: [10.1186/1471-2458-13-495](https://doi.org/10.1186/1471-2458-13-495). (RJ)
757. J. Valente dos Santos, M.J. Coelho e Silva, V. Vaz, A.J. Figueiredo, J. Castanheira, N. Leite, L.B. Sherar, A. Baxter-Jones, M.T. Elferink-Gemser, and R.M. Malina, 2013. Ventricular mass in relation to body size, composition, and skeletal age in adolescent athletes. **Clinical Journal of Sports Medicine** 23:293-299. (RJ)
758. A.E. Staiano, S.T. Broyles, A.K. Gupta, R.M. Malina, and P.T. Katzmarzyk, 2013. Maturity-associated variation in total and depot-specific fat in children and adolescents. **American Journal of Human Biology** 25:473-479. (RJ)
759. A. Rebelo, J. Brito, J. Maia, M.J. Coelho e Silva, A.J. Figueiredo, J. Bangsbo, R.M. Malina and A. Seabra, 2013. Anthropometric characteristics, physical fitness and technical performance of under-19 soccer players by competitive level and field position. **International Journal of Sports Medicine** 34:312-317. (RJ)
760. H.M. Carvalho, M.J. Coelho-e-Silva, J.C. Eisenmann, and R.M. Malina, 2013. Aerobic fitness, maturation and training experience in youth basketball. **International Journal of Sports Physiology and Performance** 8:428-434. (RJ).
761. D.S. Buchan, J.D. Young, L.M. Brody, R.M. Malina, and J.S. Baker, 2013. Fitness and adiposity are independently associated with cardiometabolic risk in youth. **BioMed Research International** 2013:261698, doi: [10.1155/2013/261698](https://doi.org/10.1155/2013/261698). Epub 2013 July 31. (RJ)
762. S. Kozieł, N. Nowak, and R.M. Malina, 2013. Changes in the genetic variance and heritability of the body mass index and skinfolds among Polish twins aged 8-18 years. **Collegium Antropologicum** 37:343-350. (RJ)
763. B.B. Little, R.M. Malina, M.E. Pena Reyes, and G. Bali Chavez, 2013. Altitude effects on growth of indigenous children in Oaxaca, southern Mexico. **American Journal of Physical Anthropology** 152:1-10. (RJ)

764. R.M. Malina, A.D.G. Baxter-Jones, N. Armstrong, G.P. Beunen, D. Caine, R.M. Daly, R.D. Lewis, A.D. Rogol, and K. Russell, 2013. Role of intensive training in the growth and maturation of artistic gymnasts. **Sports Medicine** 43:783-802. (RJ)
765. R.M. Malina, M.E. Peña Reyes, G. Bali Chávez, and B.B. Little, 2013. Weight status of indigenous youth in Oaxaca, southern Mexico: Concordance of IOTF and WHO criteria. **Annals of Human Biology** 40:435-443. (RJ)
766. M.J. Coelho e Silva, R.M. Malina, F. Simoes, J. Valente dos Santos, R.A. Martins, E.R. Vaz Ronque, E.L. Petroski, C. Minderico, A.M. Silva, F. Baptista, and L.B. Sardinia, 2013. Determination of thigh volume in youth with anthropometry and DXA: Agreement between estimates. **European Journal of Sport Science** 13:527-533. (RJ)
767. R.M. Malina, 2013. Youth, sport, and physical activity. In: M.J. Coelho e Silva, A. Cupido dos Santos, A.J. Figueiredo, J.P. Ferreira and N. Armstrong, editors, **Children and Exercise XXVIII: Proceedings of the 28th Pediatric Work Physiology Meeting**, pp. 5-30. Abingdon, UK: Routledge. (CP)
768. J. Castanheira, J. Valente dos Santos, J.P. Duarte, J.R. Pereira, R. Rebelo Gonçalves, V. Severino, A. Machado Rodrigues, V. Vaz, A.J. Figueiredo, M.J. Coelho e Silva, L.B. Sherar, M.T. Elferink-Gemser, and R. M. Malina, 2013. Allometric scaling of left ventricular mass in relation to body size, fat-free mass and maturation in 13-year-old boys. In: M.J. Coelho e Silva, A. Cupido dos Santos, A.J. Figueiredo, J.P. Ferreira and N. Armstrong, editors, **Children and Exercise XXVIII: Proceedings of the 28th Pediatric Work Physiology Meeting**, pp. 133-137. Abingdon, UK: Routledge. (CP)
769. J. Valente dos Santos, M.J. Coelho e Silva, J. Castanheira, E.R. Ronque, M.T. Elferink-Gemser, and R.M. Malina, 2013. Modelling developmental changes in left ventricular mass using multiplicative allometric and additive polynomial multilevel modeling in boys aged 11-16 years. In: M.J. Coelho e Silva, A. Cupido dos Santos, A.J. Figueiredo, J.P. Ferreira and N. Armstrong, editors, **Children and Exercise XXVIII: Proceedings of the 28th Pediatric Work Physiology Meeting**, pp. 153-158. Abingdon, UK: Routledge. (CP)
770. L. Ribeiro, M.J. Coelho e Silva, V. Vaz, A.J. Figueiredo, A. van der Sluis, M.T. Elferink-Gemser, M.E. Peña Reyes, and R.M. Malina, 2013. Agreement between invasive and non-invasive indicators of biological maturation in adolescent swimmers. In: M.J. Coelho e Silva, A. Cupido dos Santos, A.J. Figueiredo, J.P. Ferreira and N. Armstrong, editors, **Children and Exercise XXVIII: Proceedings of the 28th Pediatric Work Physiology Meeting**, pp. 283-286. Abingdon, UK: Routledge. (CP)
771. A.C. Seabra, A.F. Seabra, D.M. Mendonça, R. Brustad, J.A. Maia, A.M. Fonseca, and R.M. Malina, 2013. Psychosocial correlates of physical activity in school aged children 8-10 years. **European Journal of Public Health** 23:794-798. (RJ)
772. R.M. Malina, M.E. Peña Reyes, G. Bali-Chávez, and B.B. Little, 2013. Thinness, overweight and obesity in indigenous youth in Oaxaca, 1970 and 2007. **Salud Pública de México** 55:387-393. (RJ)
773. R.M. Malina, M.E. Peña Reyes and B.B. Little. 2013. Human biology of indigenous populations in Oaxaca: 1898 to the present. **Estudios de Antropología Biológica** (Mexico, DF), 16:931-963. (CP)
774. E. Archer, C.J. Lavie, S.M. McDonald, D.M. Thomas, J.R. Hébert, S.E. Taverno Ross, K.L. McIver, R.M. Malina, and S.N. Blair, 2013. Maternal inactivity: 45-year trends in mothers' use of time. **Mayo Clinic Proceedings** 88:1368-1377. (RJ)
775. L. Jackson, S.P. Cumming, C. Drenowatz, M. Standage, L.B. Sherar, and R.M. Malina, (2013). Maturation and physical activity in adolescent British females: The roles of physical self-concept and perceived parental support. **Psychology of Sport and Exercise** 14:447-454. (RJ)
776. M.J. Coelho e Silva, J. Valente dos Santos, J. Duarte, D.M. Pindus, L.B. Sherar, and R.M. Malina, 2013.

- Controlling performance and physiological parameters for body size and inter-individual variability due to biological maturation during adolescent growth spurt. **Journal of Sports Medicine and Doping Studies** 3:e137, pp. 1-2, doi: [10.4172/2161-0673.1000e137](https://doi.org/10.4172/2161-0673.1000e137). (RJ, editorial)
777. A. Lipowicz, A. Szklarska, and R.M. Malina, 2014. Allostatic load and socioeconomic status in Polish adult men. **Journal of Biosocial Science** 46:155-167. (RJ)
778. S.P. Cumming, L.B. Sherar, D.W. Esliger, C.J. Riddoch, and R.M. Malina, 2014. Concurrent and prospective associations among biological maturation and physical activity at 11 and 13 years. **Scandinavian Journal of Medicine and Science in Sports** 24:e20-e28. (RJ)
779. A.M. Machado Rodrigues, M.J. Coelho e Silva, J. Mota, C. Padez, R.A. Martins, S.P. Cumming, C. Riddoch, and R.M. Malina, 2014. Urban-rural contrasts in fitness, physical activity, and sedentary behaviour in adolescents. **Health Promotion International** 29:118-129. (RJ)
780. S.C. Te Wierike, M.C. de Jong, E.J. Tromp, P.J. Vujik, K.A. Lemmink, R.M. Malina, M.T. Elferink-Gemser, and C. Visscher, 2014. Development of repeated sprint ability in talented youth basketball players. **Journal of Strength and Conditioning Research** 28:928-934. (RJ)
781. R.M. Malina and S.M. Kozieł, 2014. Validation of maturity offset in a longitudinal sample of Polish boys. **Journal of Sports Sciences** 32:424-437. (RJ)
782. A.M. Machado Rodrigues, N. Leite, M.J. Coelho e Silva, R.A. Martins, J. Valente dos Santos, L.P.G. Mascarenhas, M.C.S. Boguszewski, C. Padez, and R.M. Malina, 2014. Independent association of clustered metabolic risk factors with cardiorespiratory fitness in youth aged 11-17 years. **Annals of Human Biology** 41:271-276. (RJ)
783. J. Valente dos Santos, M.J. Coelho e Silva, V. Vaz, A.J. Figueiredo, L. Capranica, L.B. Sherar, M.T. Elferink-Gemser, and R.M. Malina, 2014. Maturity-associated variation in change of direction and dribbling speed in early pubertal years and 5-year developmental changes in young soccer players. **Journal of Sports Medicine and Physical Fitness** 54: 307-316. (RJ)
784. C. Bouchard and R.M. Malina, 2014. Genomics, genetics, and exercise biology. In: C.M. Tipton, editor, **History of Exercise Physiology**, pp. 105-135. Champaign, IL: Human Kinetics. (CSB)
785. A.C. Seabra, R.M. Malina, M. Parker, A. Seabra, R. Brustad, J.A. Maia, and A.M. Fonseca, 2014. Validation and factorial invariance of children's attraction to physical activity (CAPA) scale in Portugal. **European Journal of Sport Science** 14:384-391. (RJ)
786. R.M. Malina, guest editor, 2014. Global Summit on the Physical Activity of Children 2014. **Journal of Physical Activity and Health** 11, Supplement 1: S1-S207. (EV)
787. R.M. Malina, 2014. Top 10 research questions related to growth and maturation of relevance to physical activity, performance, and fitness. **Research Quarterly for Exercise and Sport** 85:157-173. (RJ)
788. A.C. Seabra, A.F. Seabra, J. Brito, P. Krstrup, P.R. Hansen, J. Mota, A. Rebelo, C. Rêgo, and R.M. Malina, 2014. Effects of a 5-month football program on perceived psychological status and body composition of overweight boys. **Scandinavian Journal of Medicine and Science in Sports** 24 (Suppl. 1):10-16. (RJ)
789. J. Valente dos Santos, M.J. Coelho e Silva, J. Duarte, J. Pereira, R. Rebelo-Gonçalves, A. Figueiredo, M.A. Mazzuco, L.B. Sherar, M.T. Elferink-Gemser, and R.M. Malina, 2014. Allometric multilevel modelling of agility and dribbling speed by skeletal age and playing position in youth soccer players. **International Journal of Sports Medicine** 35:762-771. (RJ)

790. J. Valente dos Santos, M.J. Coelho e Silva, A. Ferraz, J. Castanheira, E.R. Ronque, L.B. Sherar, M.T. Elferink-Gemser, and R.M. Malina, 2014. Scaling left ventricular mass in adolescent boys aged 11-15 years. **Annals of Human Biology** 41, 465-468. (RJ)
791. R.M. Malina and S.M. Kozieł, 2014. Validation of maturity offset in a longitudinal sample of Polish girls. **Journal of Sports Sciences** 32, 1374-1382. (RJ)
792. J. Valente dos Santos, M.J. Coelho e Silva, A.M. Machado-Rodrigues, M.T. Elferink-Gemser, R.M. Malina, E.L. Petroski, C.S. Minderico, A.M. Silva, F. Baptista, and L.B. Sardinha, 2014. Prediction equation for lower limbs lean soft tissue in circumpubertal boys using anthropometry and biological maturation. **PLoS One** 9 (9): e107219, doi: 10.1371/journal.pone.0107219. (RJ)
793. D.M. Pindus, S.P. Cumming, L.B. Sherar, C. Gammon, M.J. Coelho e Silva, and R.M. Malina, 2014. Maturity-associated variation in physical activity and health-related quality of life in British adolescent girls: Moderating effects of peer acceptance. **International Journal of Behavioral Medicine** 21:757-766. (RJ)
794. M.C. Souza, R.N. Chaves, V.P. Lopes, R.M. Malina, R. Garganta, A. Seabra, and J. Maia, 2014. Motor coordination, activity, and fitness at 6 years of age relative to activity and fitness at 10 years of age. **Journal of Physical Activity and Health** 11:1239-1247. (RJ)
795. J.P. Duarte, M.J. Coelho e Silva, V. Severino, D. Martinho, L. Luz, J.R. Pereira, R. Baptista, J. Valente dos Santos, A. Machado-Rodrigues, V. Vaz, A. Cupido dos Santos, J. Martin-Hernández, S.P. Cumming, and R.M. Malina, 2014. Reproducibility of peak power output during a 10-s cycling maximal effort using different sampling rates. **Acta Physiologica Hungarica** 101:496-504. (RJ)
796. J. Valente dos Santos, M.J. Coelho e Silva, O.M. Tavares, J. Brito, A. Seabra, A. Rebelo, L.B. Sherar, M.T. Elferink-Gemser, and R.M. Malina, 2015. Allometric modelling of peak oxygen uptake in male soccer players 8-18 years of age. **Annals of Human Biology** 42:125-133. (RJ)
797. A.M. Machado-Rodrigues, N. Leite, M.J. Coelho-e-Silva, F. Enes, R. Fernandes, L.P. Mascarenhas, M.C. Boguszewski, and R.M. Malina, 2015. Metabolic risk and television time in adolescent females. **International Journal of Public Health** 60:157-165. (RJ)
798. A.M. Machado Rodrigues, N. Leite, M.J. Coelho e Silva, J. Valente dos Santos, R.A. Martins, L.P.G. Mascarenhas, M.C.S. Boguszewski, C. Padez, and R.M. Malina, 2015. Relationship between metabolic syndrome and moderate-to-vigorous physical activity in youth. **Journal of Physical Activity and Health** 12:13-19. (RJ)
799. D.F. Freitas, B. Lausen, J.A. Maia, J. Lefevre, E.R. Gouveia, M. Thomis, A.M. Antunes, A.L. Claessens, G. Beunen, and R.M. Malina, 2015. Skeletal maturation, fundamental motor skills and motor coordination in children 7-10 years. **Journal of Sports Sciences** 33:924-934. (RJ)
800. R.M. Malina, 2015. Physical activity, health and nutrition. In: B. Koletzko, J. Bhatia, Z.A. Bhutta, P. Cooper, M. Makrides, R. Uauy, and W. Wang editors, **Pediatric Nutrition Practice**, 2nd edition, **World Review of Nutrition and Dietetics** 113:68-71. (CSB)
801. M.F. Bergeron, M. Mountjoy, N. Armstrong, M. Chia, J. Côté, C.A. Emery, A. Faigenbaum, G. Hall, Jr., S. Kriemler, M. Léglise, R.M. Malina, A.M. Pensgaard, A. Sanchez, T. Soligard, J. Sundgot-Borgen, W. van Mechelen, J. R. Weissensteiner, and L. Engebretsen, 2015. International Olympic Committee consensus statement on youth athletic development. **British Journal of Sports Medicine** 49:843-851. (RJ)
802. R.M. Malina, A.D. Rogol, S.P. Cumming, M.J. Coelho e Silva, and A. J. Figueiredo, 2015. Biological maturation of youth athletes: Assessment and implications. **British Journal of Sports Medicine** 49:852-859. (RJ)

803. J. Valente dos Santos, M.J. Coelho e Silva, J. Castanheira, A.M. Machado Rodrigues, E.E. Cyrino, L.B. Sherar, D.W. Esliger, M.T. Elferink-Gemser, and R.M. Malina, 2015. The effects of sports participation on the development of left ventricular mass in adolescent boys. **American Journal of Human Biology** 27:530-537. (RJ)
804. A.S. Teixeira, J. Valente dos Santos, M.J. Coelho e Silva, R.M. Malina, J. Fernandes da Silva, P. Cesar do Nascimento Salvador, R.D. Lucas, M.C. Wayhs, and L.G. Guglielmo, 2015. Skeletal maturation and aerobic performance in young soccer players from professional academies. **International Journal of Sports Medicine** 36:1069-1075. (RJ)
805. R.M. Malina and M.E. Peña Reyes, 2015. **Estatus de crecimiento en niños escolares del estado de Oaxaca: Resultados de encuestas realizadas en 18 comunidades en la década de 1970**. Mexico: Instituto Nacional de Antropología e Historia, Colección de Antropología Física, Serie Testimonios, 232 pp. (BK)
806. R.M. Malina, 2015. Movement proficiency and talent development in sport. **Antropomotoryka: Journal of Kinesiology and Exercises Sciences** (Kraków, Poland) 69 (25): 15-24. (RJ)
807. A.M. Machado-Rodrigues, M.J. Coelho e Silva, L.P. Ribeiro, R. Fernandes, J. Mota, and R.M. Malina, 2016. Waist circumference and objectively measured sedentary behavior in rural school adolescents. **Journal of School Health** 86:54-60. (RJ)
808. R.M. Malina, S.C. Cumming, and M.J. Coelho e Silva, 2016. The health-enhancing effects of physical activity among youth. In: K. Green, A. Smith, editors, **Routledge Handbook of Youth Sport**, pp. 356-375. London: Routledge. (CSB)
809. S.B. Mitchell, A.M. Haase, R.M. Malina, and S.P. Cumming, 2016. The role of puberty in the making and breaking of young ballet dancers: Perspectives of dance teachers. **Journal of Adolescence** 47:81-89. (RJ)
810. T. Kramer, J. Valente dos Santos, M.J. Coelho e Silva, R.M. Malina, B.C. Huijen, J. Smith, M.T. Elferink-Gemser, and C. Visscher, 2016. Modeling longitudinal changes in 5 m sprinting performance among young male tennis players. **Perceptual and Motor Skills** 122:299-318. (RJ)
811. R.M. Malina, S.P. Cumming, and M.J. Coelho e Silva, 2016. Physical activity and movement proficiency: the need for a biocultural approach. **Pediatric Exercise Science** 28:233-239. (RJ)
812. D.L. Freitas, B. Lausen, J.A. Maia, E.R. Gouveia, M. Thomis, J. Jefeve, R.D. Silva, and R.M. Malina, 2016. Skeletal maturation, body size, and motor coordination in youth 11-14 years. **Medicine and Science in Sports and Exercise** 48:1129-1135. (RJ)
813. R.M. Malina, K.E. Ackerman, and A.D. Rogol, 2016. Growth and the young female athlete. In: C.J. Stein, A. Stracciolini, K.E., Ackerman, editors, **The Young Female Athlete**, pp. 1-14. New York: Springer. (CSB)
814. M. J. Coelho e Silva, A.J. Figueiredo, M. Elferink-Gemser, and R.M. Malina, editors, 2016. **Youth Sports, Volume 1: Participation, Trainability and Readiness**, 2nd edition. Coimbra: Coimbra University Press, 219 pp. (EV)
815. M.J. Coelho e Silva, A.J. Figueiredo, M.T. Elferink-Gemser, and R.M. Malina, editors, 2016. **Youth Sports, Volume 2: Growth, Maturation and Talent**, 2nd edition. Coimbra: Coimbra University Press, 227 pp. (EV)
816. M. Krzykała, J.M. Konarski, R.M. Malina, K. Rachwalski, P. Leszczyński, and E. Ziółkowska-Łajp, 2016. Fatness of female field hockey players: Comparisons of estimates with different methods. **Homo: Journal of**

Comparative Human Biology 67:245-257. (RJ)

817. A. Seabra, P. Katzmarzyk, M.J. Carvalho, A. Seabra, M. Coelho e Silva, S. Abreu, S. Vale, S. Póvoas, H. Nascimento, L. Belo, S. Torres, J. Oliveira, J. Mota, A. Santos-Silva, C. Rêgo, and R.M. Malina, 2016. Effects of 6-month soccer and traditional physical activity programmes on body composition, cardiometabolic risk factors, inflammatory, oxidative stress markers and cardiorespiratory fitness in obese boys. **Journal of Sports Sciences** 34:1822-1829. (RJ)
818. R.M. Malina, A.C. Choh, S.A. Czerwinski, and W.C. Chumlea, 2016. Validation of maturity offset in the Fels Longitudinal Study. **Pediatric Exercise Science** 28:439-455. (RJ)
819. G.K. Myburgh, S.P. Cumming, M.J. Coelho e Silva, K. Cooke, and R.M. Malina, 2016. Growth and maturity status of elite British junior tennis players. **Journal of Sports Sciences** 34:1957-1964. (RJ)
820. S.M. Howard, S.P. Cumming, and R.M. Malina, 2016. Biological maturity-associated variance in peak power output and momentum in academy rugby union players. **European Journal of Sport Science** 16:972-980. (RJ)
821. Z. Ignasiak, T. Sławińska, and R.M. Malina, 2016. Short term secular change in body size and physical fitness of youth 7-15 years in Southwestern Poland: 2001-2002 and 2010-2011. **Anthropological Review** 79: 311-329. (RJ)
822. R.M. Malina and S.P. Cumming, 2016. Dove si allenano i bambini? Il bisogno di studiare gli ambienti dello sport giovanile (Where do children train? The need to study the environments of youth sport.). **Atletica Studi: Trimestrale de Ricerca Scientifica e Tecnica Applicata All'Atletica Leggera** 47 (1-2): 3-12. (RJ)
823. G.K. Myburgh, S.P. Cumming, M.J. Coelho e Silva, K. Cooke, and R.M. Malina, 2016. Maturity-associated variation in functional characteristics of elite youth tennis players. **Pediatric Exercise Science** 28:542-552. (RJ)
824. R.M. Malina, 2016. Reflections on the Olympic Games in Rio – from the elite to the majority. **Annals of Human Biology**, 18 July, Epub ahead of print.

BOOK REVIEWS

1. T.K. Cureton, 1964. Improving the physical fitness of youth. **Monographs of the Society for Research in Child Development** 29(no. 4), reviewed in the **American Journal of Physical Anthropology** 24:283, 1966.
2. E. Jokl, 1964. **What is Sportsmedicine? and Medical Sociology and Cultural Anthropology of Sport and Physical Education**. Springfield, IL: CC Thomas, reviewed in **Human Biology** 38:83-85, 1966.
3. E. Jokl, 1964. **Nutrition, Exercise and Body Composition; Physiology of Exercise; Heart and Sport; and Scope of Exercise in Rehabilitation**. Springfield, IL: CC Thomas, reviewed in **Human Biology** 38:451-452, 1966.
4. P.T. Baker and J.S. Weiner, editors, 1966. **The Biology of Human Adaptability**. London: Oxford University Press, reviewed in the **American Journal of Physical Anthropology** 27:109-110. 1967.
5. E. Jokl and E. Simon, editors, 1964. **International Research in Sport and Physical Education**. Springfield, IL: CC Thomas, reviewed in **Human Biology** 39:467-469, 1967.
6. K. Evang and K. Lange Andersen, editors, 1966. **Physical Activity in Health and Disease**. Oslo, Norway: Universitetsforlaget, reviewed in **Human Biology** 40:514, 1968.

7. L.E. Morehouse and A.T. Miller, 1967. **Physiology of Exercise**, 5th edition. St. Louis, MO: C.V. Mosby, reviewed in **Human Biology** 41:142, 1969.
8. F.C. McLean and M.R. Urist, 1968. **Bone: Fundamentals of the Physiology of Skeletal Tissue**, 3rd edition. Chicago, IL: University of Chicago Press, reviewed in **Human Biology** 41:453, 1969.
9. H.C. McGill, editor, 1968. **The Geographic Pathology of Atherosclerosis**. Baltimore, MD: Williams and Wilkins, reviewed in **Human Biology** 42:134-135, 1970.
10. N.S. Scrimshaw and J.E. Gordon, editors, 1968. **Malnutrition, Learning and Behavior**. Cambridge, MA: MIT Press, reviewed in **Human Biology** 42:135-137, 1970.
11. J. Wartenweiler, E. Jokl and M. Hebbelinck, editors, 1968. **Biomechanics: Technique of Drawing of Movement and Movement Analysis**. Basel, Switzerland: S. Karger, reviewed in the **American Journal of Physical Anthropology** 33:117-119, 1970.
12. J.S. Weiner and J.A. Lourie, compilers, 1969. **Human Biology: A Guide to Field Methods**, International Biological Programme, Handbook Number 9. Philadelphia, PA: F.A. Davis, reviewed in **American Anthropologist** 73:441-442, 1971.
13. T.D. Stewart, editor, 1970. **Personal Identification in Mass Disasters**. Washington, DC: National Museum of Natural History, Smithsonian Institution, reviewed in **Human Biology** 43:573, 1971.
14. L.A. Malcolm, 1970. **Growth and Development in New Guinea: A Study of the Bundi People of the Madang District**. Madang: Institute of Human Biology Papua-New Guinea, Monograph Series, No. 1, reviewed in **Human Biology** 43:574, 1971.
15. J. Brozek, editor, 1970. **Physical Growth and Body Composition**, Papers from the Kyoto Symposium on Anthropological Aspects of Human Growth. **Monographs of the Society for Research in Child Development**, Serial No. 140, Vol. 35, No. 7, reviewed in **American Anthropologist** 74:141, 1972.
16. P.O. Fanger, 1970. **Thermal Comfort: Analysis and Application in Environmental Engineering**. Copenhagen, Denmark: Danish Technical Press, reviewed in **Human Biology** 45:116-117, 1973.
17. M.R. Fiorentino, 1972. **Normal and Abnormal Development: The Influence of Primitive Reflexes on Motor Development**. Springfield, IL: CC Thomas, reviewed in **American Corrective Therapy Journal** 27(March-April):40, 1973.
18. W.M. Krogman, 1972. **Child Growth**. Ann Arbor, MI: University of Michigan Press, reviewed in **American Anthropologist** 75:1148-1149, 1973.
19. F.G. Evans, 1973. **Mechanical Properties of Bone**. Springfield, IL: CC Thomas, reviewed in **Human Biology** 48:637-638, 1976.
20. P.B. Eveleth and J.M. Tanner, 1977. **Worldwide Variation in Human Growth**. Cambridge, England: Cambridge University Press, reviewed in **American Journal of Physical Anthropology** 49:283-284, 1978.
21. O.Eiben, editor, 1977. **Growth and Development: Physique**. Budapest, Hungary: Akademiai Kiado, Publishing House of Hungarian Academy of Sciences, reviewed in **Human Biology** 51:249-251, 1979.
22. D. Sinclair, 1978. **Human Growth after Birth**, 3rd edition. London: Oxford University Press, reviewed in **Annals of Human Biology** 6:490-491, 1979.
23. J. Borms and M. Hebbelinck, editors, 1978. **Pediatric Work Physiology**. Basel: S. Karger, reviewed in **Human Biology** 52:589-590, 1980.

24. V. Reynolds and N. Blurton Jones, editors, 1979. **Human Behavior and Adaptation**. Somerset, NJ: John Wiley, reviewed in **Medical Anthropology Newsletter** 12(1):29-30, 1980.
25. L.J. Mata, 1978. **The Children of Santa Maria Cauque: A Prospective Field Study of Health and Growth**. Cambridge, MA: MIT Press, reviewed in **Human Biology** 53:291-293, 1981.
26. Z. Placheta, 1980. **Youth and Physical Activity**. Brno, Czechoslovakia: Acta Facultatis Medicae Universitatis Brunensis, J.E. Purkyne University, reviewed in **Sports Medicine Bulletin** 17(1):6, 1982.
27. J. Borms, M. Hebbelinck, and A. Venerando, editors, 1981. **The Female Athlete: A Socio-Psychological and Kinanthropometric Approach**. Basel: S. Karger, reviewed in **Annals of Human Biology** 9:594-596, 1982.
28. M. Ritzen, A. Aperia, K. Hall, A. Larsson, A. Zetterberg, and R. Zetterstrom, editors, 1981. **The Biology of Normal Human Growth**. Basel: S. Karger, reviewed in **American Journal of Physical Anthropology** 61:512-513, 1983.
29. K. Marker, 1983. **Frau und Sport aus Sportmedizinischer Sicht** (Women and Sport: Sportmedical Perspectives). Leipzig: Johann Ambrosius Barth, reviewed in **Sports Medicine Bulletin** 20(2):17, 1985.
30. L.D. Peachey, editor, 1983. **Handbook of Physiology, Section 10, Skeletal Muscle**. Bethesda, MD: American Physiological Society, reviewed in **Human Biology** 57:498-499, 1985.
31. K. Blanchard and A.T. Cheska, 1985. **The Anthropology of Sport: An Introduction**. South Hadley, MA: Bergin and Garvey Publishers, reviewed in **Annals of Human Biology** 13:201, 1986.
32. J. Rutenfranz, R. Mocellin and F. Klimt, editors, 1986. **Children and Exercise XII**. Champaign, IL: Human Kinetics, reviewed in **Human Biology** 60:183-184, 1988.
33. D. Gould and M.R. Weiss, editors, 1987. **Advances in Pediatric Sport Sciences, Volume 2. Behavioral Issues**. Champaign, IL: Human Kinetics, reviewed in **Sports Medicine Bulletin** 23(1):19, 1988.
34. D. Ferembach, C. Susanne and M-C. Chamla, editors, 1986. **L'Homme Son Evolution sa Diversite: Manuel d'Anthropologie Physique**. Paris: Editions de Centre National de la Recherche Scientifique, reviewed in **Human Biology** 60:352-353, 1988 (with C. Bouchard).
35. N.G. Norgan, editor, 1987. **Human Body Composition and Fat Distribution**. Wageningen, Netherlands: Nutrition in the European Community, Report 8, reviewed in **Annals of Human Biology** 15:313, 1988.
36. B. Bogin, 1988. **Patterns of Human Growth**. Cambridge: Cambridge University Press, reviewed in **Quarterly Review of Biology** 64:229, 1989.
37. S. Oseid and K-H. Carlsen, editors, 1989. **Children and Exercise XIII**. Champaign, IL: Human Kinetics, reviewed in **American Journal of Human Biology** 2:173-174, 1990.
38. J.M. Tanner and M.A. Preece, editors, 1989. **The Physiology of Human Growth**. New York: Cambridge University Press, reviewed in **American Journal of Physical Anthropology** 82:239-240, 1990.
39. O. Bar-Or, editor, 1989. **Advances in Pediatric Sport Sciences, Volume 3. Biological Issues**. Champaign, IL: Human Kinetics, reviewed in **American Journal of Human Biology** 2:451-452, 1990.
40. J.E.L. Carter and B.H. Heath, 1990. **Somatotyping: Development and Applications**. Cambridge: Cambridge University Press, reviewed in **American Journal of Human Biology** 3:534-536, 1991.
41. R.E. Frisch, editor, 1990. **Adipose Tissue and Reproduction**. Basel: S. Karger, reviewed in **Annals of Human Biology** 19:431-432, 1992.

42. A.F.Roche, 1992. **Growth, Maturation, and Body Composition: The Fels Longitudinal Study**. Cambridge: Cambridge University Press, reviewed in **Science** 260:1009-1010, 1993.
43. M. Eto and K. Ashizawa, 1992. **Longitudinal Observations on Physical Growth and TW2 Skeletal Maturation of Girls in Tokyo: Radiographic Atlas of Hand and Wrist**. Tokyo: Therapeia Co. Ltd., reviewed in the **American Journal of Human Biology** 6:408, 1994.
44. A.F. Kalverboer, B. Hopkins, and R. Geuze, editors, 1993. **Motor Development in Early and Late Childhood: Longitudinal Approaches**. Cambridge: Cambridge University Press, reviewed in the **American Journal of Human Biology** 6:409-410, 1994.
45. W. Duquet, P. de Knop, and L. Bollaert, editors, 1993. **Youth Sport: A Social Approach**. Brussels: VUB University Press; and W. Duquet and J.A.P. Day, editors, 1993. **Kinanthropometry IV**. London: E & FN Spon, reviewed in the **American Journal of Human Biology** 7:101-102, 1995.
46. B.A. Blanksby, J. Bloomfield, T.R. Ackland, B.C.Elliot, and A.R. Morton, 1994. **Athletics, Growth, and Development in Children: The University of Western Australia Study**. Langhorne, PA: Harwood Academic Publishers, reviewed in the **American Journal of Human Biology** 8:89-90, 1996.
47. J. Faulhaber and F.M.E.Saenz, 1995. **Terminando de Crecer en Mexico: Antropometria de Subadultos**. Mexico: Instituto de Investigaciones Antropologicas, Universidad Nacional Autonoma de Mexico, reviewed in the **American Journal of Human Biology** 8:94, 1996.
48. D.J. Caine, C.G. Caine, and K.J. Lindner (eds.), 1996. **Epidemiology of Sports Injuries**. Champaign, IL: Human Kinetics, reviewed in the **American Journal of Human Biology** 8:790-791, 1996.
49. D.R. Lamb, H.G. Knuttgen, and R. Murray (eds.), 1994. **Physiology and Nutrition for Competitive Sport**. Carmel, IN: Cooper Publishing, reviewed in the **American Journal of Human Biology** 8:791, 1996.
50. W.J.M. Gerver and R. duBruin, 1996. **Pediatric Morphometrics: A Reference Manual**. Utrecht, Netherlands: Wetenschappelijke uitgeverij Bunge, reviewed in the **American Journal of Human Biology** 9:525-526, 1997.
51. T.W. Rowland, 1996. **Developmental Exercise Physiology**. Champaign, IL: Human Kinetics, reviewed in the **American Journal of Human Biology** 9:526-527, 1997.
52. H.J. Montoye, H.C.G. Kemper, W.H.M. Saris, and R.A. Washburn, 1996. **Measuring Physical Activity and Energy Expenditure**. Champaign, IL: Human Kinetics, reviewed in **Human Biology** 71:458-459, 1999.
53. T. Jurimae and J. Jurimae, 2000. **Growth, Physical Activity, and Motor Development of Prepubertal Children**. Boca Raton, FL: CRC Press, reviewed in the **American Journal of Human Biology** 14:787-788, 2002.
54. J.M. Tanner, M.J.R. Healy, H. Golstein, and N. Cameron, 2001. **Assessment of Skeletal Maturity and Prediction of Adult Height (TW3 Method)**, 3rd edition. Philadelphia: Saunders, reviewed in the **American Journal of Human Biology** 14:788-789, 2002 (co-authored with G. Beunen).
55. Y. Yordanov, 2006. **Anthropology of the Bulgarian Population at the End of the 20th Century**. Sofia, Bulgaria: Professor Marin Drinov Academic Publishing House, reviewed in the **American Journal of Human Biology** 19:896-897, 2007.

PAPERS-LECTURES PRESENTED AT PROFESSIONAL MEETINGS, SEMINARS, SYMPOSIA
(papers/posters first-authored by others are not included):

1. The effect of exercise upon the support provided by three types of ankle bandages. National Conference, American Association for Health, Physical Education and Recreation (AAHPER), Atlantic City, NJ, 1961.
2. Performance changes in a speed-accuracy task as a function of practice under different conditions of information feedback. National Conference, AAHPER, Washington, DC, 1964.
3. Device for the study of information feedback in throwing performance. National Conference, AAHPER, Washington, DC, 1964.
4. Extent and significance of age changes and sex differences in the composition of the upper arm with implications for physical education. National Conference, AAHPER, Dallas, TX, 1965.
5. Patterns of variation in the skinfolds of Philadelphia children. Annual meeting, American Association of Physical Anthropologists (AAPA), University Park, PA, 1965.
6. Age changes in the composition of the upper arm in Philadelphia children. Annual meeting, AAPA, University Park, PA, 1965.
7. Running, jumping, and throwing performance of Negro and White elementary school children. National Conference, AAHPER, Chicago, IL, 1966.
8. Testing as an evaluative tool. Conference for College Teachers Preparing Elementary Education Majors to Teach Physical Education, sponsored by AAHPER, Washington, DC, 1967.
9. Symposium on growth and development. Two day symposium given with Dr. W.M. Krogman (University of Pennsylvania) at the Department of Health and Physical Education, Temple University, Philadelphia, PA, 1967.
10. Evaluative devices for skill development. National Conference, AAHPER, Measurement and Evaluation Section, St. Louis, MO, 1968.
11. Skeletal maturation in Negro and White Philadelphia school children. Annual meeting, AAPA, Detroit, MI, 1968.
12. An anthropological perspective of physical activity. Seminar in Sports Medicine, Ithaca College, Ithaca, NY, 1968.
13. Physical growth of the child as it is related to physical education. Seminar on Sports Medicine, Ithaca College, NY, 1968.
14. Bone, bones, and human biology. Symposium on the Anthropological Aspects of Bone. Annual meeting of American Association for the Advancement of Science, Dallas, TX, 1968.
15. Parent size and growth status of offspring. National Conference, AAHPER, Boston, MA, 1969.
16. Motor performance of Negro and White elementary school children. Annual meeting, Texas Association for Health, Physical Education and Recreation, Corpus Christi, TX, 1969.
17. Physique of college age female track and field athletes. Annual meeting, AAPA, Washington, DC, 1970.
18. Determinants of motor development. National Conference, AAHPER, Motor development symposium in honor of Anna Espenschade, Seattle, WA, 1970.

19. Anthropology and sport. Lecture presented at the State University College, Cortland, NY, 1970.
20. Cultural change. Workshop, National Association for Physical Education of College Women, Brainerd, MN, 1970.
21. A consideration of factors underlying the selection of methods in the assessment of skeletal maturity. Annual meeting, AAPA, Boston, MA, 1971.
22. Physical anthropology of adolescence. Conference for the Advancement of Science and Mathematics, Austin, TX, 1971.
23. Nutrition and child development in Oaxaca, Mexico. Seminar, Department of Anthropology, Temple University, Philadelphia, PA, 1971.
24. Expanding physical education. Lecture, Austin College, Sherman, TX, 1972.
25. The secular trend in growth and development. Seminar, Recent Advances in Science, University of Texas, Austin, TX, 1972.
26. Height and weight growth patterns of school age deaf children. Annual meeting, AAPA, Lawrence, KS, 1972.
27. Growth of children in the Division of Human Development villages compared to children around the world. Lecture, Instituto de Nutricion de Centro America y Panama, Guatemala City, Guatemala, 1972.
28. Exercise and growth. Second Canadian Symposium on Child Growth and Development, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, 1972.
29. Factors influencing strength and performance during adolescence. Workshop on injuries in adolescents in sports and recreation. Committee on Prosthetics Research and Development in the Division of Medical Sciences, National Research Council, Gwinn House, Cleveland, OH, 1972.
30. Adolescent changes in size, build, composition, and performance. Symposium on some Aspects of Adolescent Physiology. Biennial meeting, Society for Research in Child Development, Philadelphia, PA, 1973.
31. Growth of children at different altitudes in Central and South America. Annual meeting, AAPA, Dallas, TX, 1973.
32. Physical growth and development. Lecture, Basic Principles of Nutrition, Baylor College of Medicine, Houston, TX, 1973.
33. Anthropometry. Lecture, Research and Instrumentation Symposium, Department of Health, Physical Education and Recreation, University of Texas, Austin, TX, 1973.
34. Growth and health status of children in the Valley of Oaxaca. Symposium on Anthropology Applied to Health Programs, Science and Man in the Americas, American Association for the Advancement of Science/Consejo Nacional de Ciencia y Tecnologia, Mexico City, DF, Mexico, 1973.
35. The cross-cultural study of motor development. National Conference, AAHPER, Anaheim, CA, 1974.
36. Growth and Development. Lecture, Basic Principles of Nutrition Class. Baylor College of Medicine, Houston, TX, 1974.
37. Birth and death in a rural Zapotec community. Annual meeting, American Anthropological Association, Mexico City, DF, Mexico, 1974.

38. The study of human biology in urban populations: Selected aspects from a developmental study of Negro and White elementary school children in Philadelphia. Anthropology and the City, Annual meeting, American Anthropological Association, Mexico City, DF, Mexico, 1974.
39. Physical activity: a physical anthropologist's perspective. 78th annual conference, National Association of Physical for College Men, Phoenix, AZ, 1975.
40. Evaluation of growth and development. Lecture, Basic Principles of Nutrition Class, Baylor College of Medicine, Houston, TX, 1975.
41. Comparative contemporaneous findings in growth studies of American Black and White children. Invitational Workshop, Physical Growth of Ethnic Groups Comprising the U.S. Population. National Institute of Child Health and Human Development, Elkridge, MD, 1975.
42. Anthropometric research in physical education: methodology and equipment. Annual meeting, Southern District, AAHPER, San Antonio, TX, 1975.
43. Pre-school malnutrition in Mexico and Guatemala. Sabine Valley Science Teachers Association, Orange, TX, 1975.
44. Skeletal maturation of school children in Oaxaca, Mexico. Annual meeting, AAPA, Denver, CO, 1975.
45. Ethnic and cultural considerations for the child in sport. Annual meeting, American College of Sports Medicine (ACSM), New Orleans, LA, 1975.
46. Change in mode of life and in motor activity with environmental changes. Conference on Methods of Checking the Development of Human Beings and Changes in the Population Structure Connected with Transformations of the Environment. Polish Academy of Sciences, Jablonna, Warsaw, Poland, 1975.
47. Physical anthropology, physical activity and sport. Seminar presented at the Department of Physical Education, University of Montreal, Quebec, Canada, 1975.
48. Physical anthropology and physical activity. Seminar presented at the Department of Physical Education, University of California, Berkeley, CA, 1975.
49. Evaluation of growth and development. Lecture, Basic Principles of Nutrition: A Clinical Approach. Baylor College of Medicine, Houston, TX, 1976.
50. The effects of participation in sport on growth. Pre-convention Symposium: The Child in Sport, Annual meeting, AAHPER, Milwaukee, WI, 1976.
51. Seasonal variation in mortality in a rural Zapotec municipio. Annual meeting, AAPA, St. Louis, MO, 1976.
52. Effects of participation in sport on growth. Telelecture, Department of Physical Education for Women, Purdue University, Lafayette, IN, 1976.
53. Interrelationships of growth and exercise. Seminar on Physical Growth, Exercise and Performance. Department of Physical Education, San Diego State University, San Diego, CA, 1976.
54. Cross-cultural approaches to motor development. Annual meeting, North American Society for the Psychology of Sport and Physical Activity, Austin, TX, 1976.
55. Growth, physical activity and performance in an anthropological perspective. Keynote address, International Congress of Physical Activity Sciences, Quebec, Canada, 1976.

56. Anthropometric assessment of nutritional status. Short course, Department of Nutrition, University of North Carolina, Chapel Hill, NC, 1976.
57. Human biology studies in Oaxaca, Mexico. Seminar presented at Department of Anthropology, University of North Carolina, Chapel Hill, NC, 1976.
58. Growth and performance during childhood and adolescence: anthropological perspectives, and, A workshop on the measurement and longitudinal analysis of growth. A Student Symposium in Sports Medicine, University of Iowa, College of Medicine, Iowa City, IO, 1976.
59. Development, aging, and nutrition. School of American Research, Advanced Seminar: Anthropological Aspects of Human Nutrition, Santa Fe, NM, 1976.
60. Growth and performance during adolescence: age changes, sex differences, and implications for co-educational programs. Texas Association for Health, Physical Education and Recreation, Physical Education Division, San Antonio, TX, 1976.
61. Secular trends: causes and effects. Biennial meeting, Society for Research in Child Development, New Orleans, LA, 1977.
62. The motor domain in human adaptability. Human Biology Council, Seattle, WA, 1977.
63. Childhood mortality and growth and maturity status of children in the Valley of Oaxaca, Mexico. Congreso de Evaluacion de la Antropologia en Oaxaca, Oaxaca de Juarez, Mexico, 1977.
64. Longitudinal growth studies: approaches, problems and results. Colorado Measurement Symposium, University of Colorado, Boulder, CO, 1977.
65. Secular changes in strength and motor performance. Sympozjum Sekularne Zmiany w Stanie Fizycznym Populacji i Ocena Ich Znaczenia, Polska Akademia Nauk, Zakład Antropologii, Wrocław, Poland, 1977. (Also presented at the Academy of Physical Education, Warsaw, Poland.)
66. Child health and development in the Valley of Oaxaca, Mexico. Annual meeting, CIBOLA Anthropological Association, Austin, TX, 1978.
67. The measurement of physical performance. School of American Research, Advanced Seminar: Anthropology, Growth and Development, Santa Fe, NM, 1978.
68. Physical activity and human growth. Annual meeting, AAPA, Toronto, Ontario, Canada, 1978.
69. A multidisciplinary, biocultural approach to physical performance. Keynote Address, Second International Seminar on Kinanthropometry, Katholieke Universiteit Leuven, Belgium, 1978.
70. Growth of urban and rural children in the Valley of Oaxaca, Mexico. Lecture presented at the University of Adam Mickiewicz, Poznań, Poland, 1978.
71. A ten-year follow-up of the growth of school children in a rural Zapotec community in Oaxaca, Mexico. Annual meeting, CIBOLA Anthropological Association, Brownsville, TX, 1979.
72. Child health, growth and maturity in the Valley of Oaxaca, Mexico. Seminar presented at the Department of Physical Education, University of California, Berkeley, CA, 1979.
73. Secular changes in physical performance. Annual meeting, Human Biology Council, San Francisco, CA, 1979.
74. Growth of urban and rural children in the Valley of Oaxaca, Mexico. Annual meeting, AAPA, San Francisco,

- CA, 1979.
75. Growth and development of athletes and non-athletes; and a three day short course on physical growth and motor performance. V Congresso Brasileiro de Medicina Desportiva, IV Jornada Internacional de Medicina Desportiva, Sao Paulo, Brazil, 1979.
 76. Children of Latin America. Meeting of the National Council of Community World Affairs Organizations, Wingspread Conference Center, Racine, WI, 1979.
 77. Health and nutrition in rural contemporary Guatemala. Texas Cultural Alliance, Austin, TX, 1979.
 78. NATO Advanced Study Institute, Methodologies for Analyzing Human Growth and Development, Urbino/Sogesta, Italy, 1979:
 - The influence of physical activity upon growth
 - The measurement of body composition
 79. Symposium on Motor Development of Infants and Young Children, Temple University, Philadelphia, PA, 1979:
 - Implications of the brain growth spurt for motor development during infancy and early childhood
 - Sibling similarities in growth and performance of Philadelphia school children
 - Cross-cultural studies of motor development during infancy and early childhood
 - Secular changes in growth, maturation, and physical performance
 80. New directions in the study of human growth. Physical education Symposium: Perspectives on the Academic Discipline of Physical Education: A Tribute to G.L. Rarick. University of California, Berkeley, CA, 1979.
 81. Strength and motor performance in rural Zapotec children in the Valley of Oaxaca, Mexico. National Conference, AAHPERD, Detroit, MI, 1980.
 82. Aging in selected anthropometric dimensions in a rural Zapotec-speaking community in the Valley of Oaxaca, Mexico. Annual meeting, AAPA, Niagara Falls, NY, 1980.
 83. Growth and maturation of the Zapotec in the Valley of Oaxaca in a secular perspective. Field of Nutrition Seminar, Division of Nutritional Sciences, Cornell University, Ithaca, NY, 1980.
 84. Nutrition and the Athlete: a workshop sponsored by the Wyoming State Department of Education, Casper, WY, 1980:
 - Growth and maturation of young athletes
 - Body weight, fatness and the timing of menarche
 85. Human biology of urban and rural communities in the Valley of Oaxaca, Mexico. Ekologii Populacji Ludzkich na Terenach Urbanizowanych i Uprzesławianych (Ecology of Human Populations in the Area of Urbanization and Industrialization), Conference House of the Polish Academy of Sciences at Jabłonna, Warsaw, Poland, 1980.
 86. Secular changes in strength and motor performance. Symposium on Secular Trends, Second Congress of the European Anthropological Association, Brno, Czechoslovakia, 1980.
 87. Studies of Olympic and other athletes. Lecture, Department of Anthropology, Texas Tech University, Lubbock, TX, 1981.
 88. Growth of Mexican and Mexican American children. Grand Rounds, Department of Pediatrics, Texas Tech University Medical School, Lubbock, TX, 1981.
 89. Human biology studies in the Valley of Oaxaca, Mexico. Seminar, Nutrition program, University of Texas School of Public Health, Houston, TX, 1981.

90. Strength and performance of school children in southern Mexico living under conditions of mild-to-moderate undernutrition. Lecture, Department of Physical Education, University of Arizona, Tucson, AZ, 1981.
91. Physical activity and growth. Lecture, Department of Anthropology, University of Arizona, Tucson, AZ, 1981.
92. Late maturation in female athletes--a biosocial interpretation. Symposium: Biology and Social Context--A consideration of Differences in Personality and Cognitive Functioning in Early and Late Maturing Adolescents. Biennial meeting, Society for Research in Child Development, Boston, MA, 1981.
93. Nutrition, exercise and growth. Lecture, Department of Physical Education and Food and Nutrition. Laval University, Quebec, Canada, 1981.
94. Physical anthropology, physical performance and sport. Symposium, annual meeting, AAPA, Detroit, MI, 1981.
95. Cultural pluralism, physical activity and youth sports. Second Annual Youth Sports Forum, Michigan State University, East Lansing, MI, 1981.
96. Late maturation of female athletes: a biosocial interpretation. Seminar, graduate faculty, Department of Health, Physical Education and Recreation, Michigan State University, East Lansing, MI, 1981.
97. Physical performance and body composition in children. Symposium: Physical Performance in Children. Congreso Panamericano y Curso Internacional en Medicina y Ciencias del Deporte, Miami, FL, 1981.
98. Growth and performance of Latin American children. Symposium: Kinanthropometry. Congreso Panamericano y Curso Internacional en Medicina y Ciencias del Deporte, Miami, FL, 1981.
99. Strength and motor performance of children living under conditions of mild-to-moderate undernutrition. Congreso Panamericano y Curso Internacional en Medicina y Ciencias del Deporte, Miami, FL, 1981.
100. The AAPHERD health related fitness test. Texas Association for Health, Physical Education and Recreation. Elementary and Secondary Administrators' Section, 1981 Summer Workshop, South Padre Island, TX, 1981.
101. Growth and maturation: assessment and variation during adolescence. Department of Orthodontics, University of Texas, Dental Branch, Houston, TX, 1981.
102. Workshop on Human Auxology, Katholieke Universiteit Leuven, Belgium, 1981:
Growth, physical activity and performance: an overview
Competitive training and the maturation of female athletes
103. 15^{eme} Colloque des Anthropologistes de Langue Francaise, Brussels, Belgium, 1981:
Socio-cultural influences on physical activity and performance
Adult stature and age at menarche in Zapotec-speaking communities in the Valley of Oaxaca, Mexico, in a secular perspective
104. Growth and development: selected aspects of current research. Foundation for Orthodontic Research, Research Committee, Los Angeles, CA, 1982.
105. Assortative mating for phenotypic characteristics in a rural Zapotec-speaking community in the Valley of Oaxaca, Mexico. Annual meeting, AAPA, Eugene, OR, 1982.
106. Human biology studies in the Valley of Oaxaca: an overview. Lecture, Department of Anthropology, University of Kansas, Lawrence, KS, 1982.

107. Cross-cultural studies of motor development and performance. Motor Development Academy, National Conference, AAHPERD, Houston, TX, 1982.
108. Kinanthropometric research in human auxology. Keynote Address, Third International Congress on Human Auxology, Brussels, Belgium, 1982.
109. Cross-cultural studies of motor development and performance. Seminar, Department of Anthropology, McMaster University, Hamilton, Ontario, Canada, 1982.
110. Childhood growth status of eventual migrants and sedentes in a rural Zapotec community in Oaxaca, Mexico. Annual meeting, Canadian Association for Physical Anthropology, Guelph, Ontario, Canada, 1982.
111. Selected issues in motor development and performance research. Seminar, Department of Physical Education, New Mexico State University, Las Cruces, NM, 1982.
112. Implications of growth studies of Mexican Americans. Conference on Mexican Migration and Its Effect on the Mexican American Community. Hispanic Population Studies Program of the Center for Mexican American Studies, University of Texas, Austin, TX, 1982.
113. Stature of adult Mexican Americans: socio-economic and secular effects. Annual meeting, AAPA, Indianapolis, IN, 1982.
114. The study of physical performance and its historical role as a part of child development. Biennial meeting, Society for Research in Child Development, Detroit, MI, 1983.
115. Future Latin Americans: the children of Latin America. Latin America in Perspective, sponsored by the Arts and Humanities Council of Tulsa, OK, 1983.
116. Physical activity and motor development/performance in populations nutritionally at risk. Conference on Protein-Energy Intake and Activity. Rockefeller Study and Conference Center, Bellagio, Italy, 1983.
117. Kinanthropometric evaluation of young athletes. Congreso Panamericano de Medicina y Ciencias Aplicadas al Deporte, Caracas, Venezuela, 1983.
118. Muscular fitness and performance: training and heredity. Annual meeting, ACSM, Montreal, Quebec, Canada, 1983.
119. Recent development in the study of growth and maturation: Applications of growth and maturation to orthodontics. A.P. Westfall Seminar, 22nd annual meeting of the Orthodontic Alumni Association of the University of Texas, Lakeway, TX, 1983.
120. Ethnic differences in body composition. XIth International Congress of Anthropological and Ethnological Sciences, Quebec, Canada, 1983.
121. Body composition, strength and motor performance in undernourished boys. Pediatric Work Physiology XI, European Group of Pediatric Work Physiology, Papendal, The Netherlands, 1984.
122. Growth and performance: the undernourished, the average and the elite. Alliance Scholar lecture, annual meeting, Southern District, AAHPERD, Biloxi, MS, 1984.
123. Activity, growth and maturation. Department of Physical Education, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, 1984.
124. Implications of historical demography for studies of growth and maturation. Symposium on Historical Demography in honor of Ellen R. Brennan, annual meeting, AAPA, Philadelphia, PA, 1984.

125. Genetics of strength and motor performance. Interdisciplinary Symposium, Human genetics and sport, Olympic Scientific Congress, Eugene, OR, 1984.
126. Readiness for competitive sports. Keynote address, Interdisciplinary Symposium, Competitive Sports for Children and Youth. Olympic Scientific Congress, Eugene, OR, 1984.
127. Maturation considerations in elite young athletes. Kinanthropometry, Olympic Scientific Congress, Eugene, OR, 1984.
128. Motor development and performance in undernourished populations. Keynote Address, International Council for Physical Fitness Research. Olympic Scientific Congress, Eugene, OR, 1984.
129. Growth and physical performance of Latin American children and youth: socio-economic and nutritional contrasts. Tenth School of Biological Anthropology: Human Biological Research and the Developing Countries, Zagreb, Yugoslavia, 1984.
130. Secular comparisons of the statures and weights of Mexican American and Mexican children, youth and adults. Symposium on Auxology and Secular Trend: Methodological Approaches and Applications. 4th Congress of the European Anthropological Association, Rocca di Papa, Rome, Italy, 1984.
131. Biological maturity status and youth sports. International Congress on Child and Sport, organized by the School of Sport of the Italian National Olympic Committee, Urbino, Italy, 1984.
132. Young athletes: their growth and maturation. Lectures presented at the Institute of Physical Education, Catholic University of Leuven, and Department of Physical Education, State University of Ghent, Belgium, 1984.
133. Sibling similarities in the strength and motor performance of undernourished children of school age. Annual meeting, AAPA, Knoxville, TN, 1985.
134. Indicators of somatic, skeletal and sexual maturity: interrelationships and regulation. Symposium on Growth, Maturation and Performance during Adolescence. Annual meeting, ACSM, Nashville, TN, 1985.
135. Genetic considerations in physical fitness. Workshop on Physical Fitness and Activity assessments in NCHS General Population Surveys. Sponsored by the National Center for Health Statistics, Airlie House, Virginia, VA, 1985.
136. Physical activity and energy expenditure during childhood and youth. Invited lecture, IVth International Congress of Auxology, Montreal, Quebec, Canada, 1985.
137. Competitive youth sports and biological maturation. Big 10 CIC Symposium on the Effects of Competitive Sports on Children and Youth. Michigan State University, East Lansing, MI, 1985.
138. Racial variation in motor performance. Symposium on Racial Differences in Performance, 18th annual meeting of the Canadian Association of Sport Sciences/Association Canadienne des Sciences du Sport, Quebec, Canada, 1985.
139. Anthropometric Standardization Conference sponsored by the NIH, Airlie, VA, 1985:
 - Special issues: Measurement of segment lengths
 - Special issues: Circumference equipment and measurement techniques
 - Uses of anthropometry in physical anthropology
140. Growth and development of Brownsville school children. University of Texas System Symposium on Texas-Mexico Border Health, Austin, TX, 1986.
141. Growth and physical activity of children. Elementary Physical Education: A Workshop for Administrators.

University of Texas at Austin, TX, 1986.

142. The adaptive significance of small body size: strength and motor performance of school children in Mexico and Papua New Guinea. Annual meeting, AAPA, Albuquerque, NM, 1986.
143. Bioelectrical methods for estimating body composition: an overview and discussion. Symposium on the Bioelectrical Estimation of Body Composition. Annual meeting, AAPA, Albuquerque, NM, 1986.
144. Growth patterns of young athletes. Symposium on Ethical Issues in the Treatment of Children and Athletes with Human Growth Hormone. University of Texas at Austin, Austin, TX, 1986.
145. Age at menarche in athletes: pre- and post-Title IX comparisons. Annual meeting, ACSM, Indianapolis, IN, 1986.
146. Growth and maturation. Ponencia Magisterial, IV Coloquio de Antropologia Fisica "Juan Comas", Instituto de Investigaciones Antropologicas, Universidad Nacional Autonoma de Mexico, Museo Nacional de Antropologia, Mexico, DF, Mexico, 1986.
147. Physical activity, growth and maturation. Seminar, Department of Physical Education, University of Montreal, Quebec, Canada, 1986.
148. Nutritional status and disease epidemiology in the Valley of Oaxaca, Mexico. Lecture, Department of Anthropology, University of Montreal, Quebec, Canada, 1986.
149. Growth and maturity status of Black and White children classified as obese by the body mass index and by skinfolds. Annual meeting, AAPA, New York, NY, 1987.
150. Physical activity in early and modern populations: an evolutionary view. Annual meeting, American Academy of Physical Education, Las Vegas, NV, 1987.
151. The biocultural imperative. Symposium on Science, Inquiry and Progress: The Future of Physical Education. AAHPERD/National Association for Sport and Physical Education, Las Vegas, NV, 1987.
152. Boxing as a youth sport. Symposium on the Role of Boxing in Society, University of Texas Ethics Lecture Series, Austin, TX, 1987.
153. Fat distribution during growth. Symposium on Fat Distribution and Metabolic Risk Factors during Growth and Later Health Outcomes, Manoir St-Castin, Lac Beauport, Quebec, Canada, 1987.
154. The impact of undernutrition on the growth of children. Opening lecture, XV Simposio de Ciencias do Esporte, Simposio Internacional: A Crianca e a Atividade Fisica. Sao Paulo, Brasil, 1987.
155. The child and exercise. Two day international short course, Sao Caetano do Sul, Brasil, 1987.
156. Patterns of strength development. Seminar on Strength Development in Boys and Girls, UCLA Extension, Division of Science, Los Angeles, CA, 1987.
157. Biocultural determinants of motor development. Keynote address, Association Internationale des Ecoles Universitaires d'Education Physique, World Conference, Human Kinetics/ Motricidade Humana, Lisbon, Portugal, 1987.
158. Readiness for competitive sports. Keynote address, British Association of National Coaches Limited, International Conference, The Growing Child in Competitive Sport, Cardiff, Wales, 1987
159. Growth and maturity characteristics of athletes. Lecture, Department of Sport and Recreation Studies, Liverpool Polytechnic, Liverpool, England, 1987.

160. Readiness for competitive sport. Invited lecture, Institute of Physical Education, Catholic University of Leuven, Belgium, 1987.
161. The use of anthropometry in nutritional surveys and studies of growth. Lecture. Institute of Nutrition of Central America and Panama, Guatemala, Guatemala, 1988.
162. Measurement of physical fitness in adults. Discussion paper, U.S. Public Health Service meeting on The Measurement of Physical Fitness in Children, Youth, Adults, and Older Adults, Reston, VA, 1988.
163. Timing of growth spurts in performance. Seminar, Department of Kinesiology, University of Michigan, Ann Arbor, MI, 1988.
164. Growth and maturation of Mexican children. Symposium, Modernization of Mexican populations, annual meeting, AAPA, Kansas City, MO, 1988.
165. Adolescent growth and performance. Seminar, Department of Anthropology, University of Kansas, Lawrence, KA, 1988.
166. Children in the exercise sciences. 9th annual C. H. McCloy Research Lecture, American Alliance for Health, Physical Education, Recreation and Dance Research Consortium, AAHPERD, Kansas City, MO, 1988.
167. Growth, exercise, fitness, and later outcomes. Invited address, The International Conference on Exercise, Fitness and Health, Toronto, Canada, 1988.
168. Growth and maturation: Normal variation and the effects of training. Quaker Oats Conference on Youth, Exercise, and Sports, Bermuda, 1988.
169. Growth status of Indian school children in the state of Oaxaca, Mexico. Fifth International Auxology Congress, Exeter University, United Kingdom, 1988.
170. Biocultural perspectives on physical activity and sport. Inaugural lecture, Asociacion Internacional de Escuelas Superiores de Educacion Fisica, Congreso Mundial, Humanismo y Neuvas Tecnologias en la Educacion Fisica e el Deporte, Madrid, Spain, 1988.
171. Adolescent growth and maturation: Effects on performance and effects of training for sport. International Symposium on Hormones and Sport, Ares Serono Symposia, Dubrovnik, Yugoslavia, 1988.
172. Application of bioelectric impedance analysis to children and adolescents. Body Composition Measurements in Infants and Children, the 98th Ross Conference on Pediatric Research, Carefree, AZ, 1988.
173. Multivariate analysis of the growth and motor performance of Black and White children 6-11 years of age. Tribute to Wilton M. Krogman, annual meeting, American Anthropological Association, Phoenix, AZ, 1988.
174. Menarche in athletes: a twenty year perspective. Seminar, Exercise and Sport Research Institute, Department of Health and Physical Education, Arizona State University, Tempe, AZ, 1988.
175. Body composition of children and youth. Invited lecture, Swedish Sports Federation, conference on Children, Youth and Sport, Stockholm, Sweden, 1989.
176. Fitness testing in youth from a growth and development specialist's standpoint. Invited lecture, AAHPERD/ARAPCS, Measurement and Evaluation Council Symposium: Fitness testing--Why do it and what are we measuring?, Boston, MA, 1989.
177. Tracking of physical fitness and performance during growth. Keynote lecture, 14th International Seminar on Pediatric Work Physiology, Catholic University of Leuven, Belgium, 1989.

178. Physiological effects of physical activity on growth and maturation. Seminar, Department of Physical Education, University of California, Davis, CA, 1989.
179. Age at menarche in university athletes and non-athletes. V Coloquio de Antropologia Fisica "Juan Comas", Museo Nacional de Antropologia, Mexico, DF, Mexico, 1989.
180. Foods consumed in a rural Zapotec-speaking community in the Valley of Oaxaca. V Coloquio de Antropologia Fisica "Juan Comas", Museo Nacional de Antropologia, Mexico, DF, Mexico, 1989.
181. Body composition and regional variation in fat distribution during growth and maturation. NIH Workshop on Basic and Clinical Aspects of Regional Fat Distribution, National Institutes of Health, Bethesda, MD, 1989.
182. Size, physique, body composition, and maturation of female swimmers. Invited lecture, VIIIth World FINA (Federation Internationale de Natation Amateur), Medical Congress on Aquatic Sports, London, England, 1989.
183. Current status of research on secular trends in auxology. Invited lecture, 21st Tagung der Gesellschaft fur Anthropologie und Humangenetik, Bremen, Federal Republic of Germany, 1989.
184. Children in sport. Invited lecture, Texas Chapter of the American College of Sports Medicine, annual meeting, Texas A & M University, College Station, TX, 1989.
185. Fitness and performance: The interface of biology and culture. Annual meeting, American Academy of Physical Education, New Orleans, LA, 1990.
186. Growth and maturity status of physically active boys: A longitudinal analysis. Annual meeting, AAPA, Miami, FL, 1990.
187. Youth sports: Readiness, selection, and trainability. Keynote address, International Congress on Youth, Leisure and Physical Activity and Kinanthropometry IV, Brussels, Belgium, 1990.
188. Discussant for papers on secular trends, prediction of body composition, and early childhood supplementation and later bone density. Rockefeller Foundation Conference on "The Guatemala Follow-Up Study" (Improved Protein-Energy Intakes in Early Childhood and Human Capital Formation: The Guatemalan Oriente Study 1969-1989), Bellagio Conference Center, Bellagio, Italy, 1990.
189. Motor skills: An evolutionary perspective. Plenary lecture, 7th Congress of the European Anthropological Association, Wrocław, Poland, 1990.
190. Lectures presented as a part of the Athletic Specialist Program, Sports America, United States Information Agency (Project # PO 16), Portugal, 1990:
 - Growth and maturation: Comparison of young athletes and non-athletes. Centro de Medicina Desportiva, Estadio Universitario, Lisbon.
 - Maturity-associated variation in growth and performance
 - Effects of regular physical activity on growth and maturation. Faculdade de Ciencias do Desporto e de Educacao Fisica, Universidade do Porto, Porto.
 - Growth, readiness, and training for sport. Licenciatura em Educacao Fisica e Desporto, Universidade de Tras-os-Montes e Alto Douro, Vila Real.
191. Adolescent variation in growth, maturation, and motor performance - including the effects of sport participation. Invited lecture, sponsored by the School of Health, Physical Education and Recreation, Department of Kinesiology, Department of Anthropology, and Sigma Xi, Indiana University, Bloomington, IN, 1990.
192. Physical activity and physical fitness during childhood and youth. Annual meeting, Human Biology Council,

Milwaukee, WI, 1991.

193. Activity, fitness, and health in children and adolescents. Invited lecture, Harvard Conference on Nutrition and Fitness of Children and Youth, Harvard School of Public Health, Boston, MA, 1991.
194. Childhood activity and behavioral development. Invited lecture, Society for the Study of Human Biology, Symposium on Physical Activity and Health, Loughborough University, Loughborough, Leicestershire, England, 1991.
195. Bedford College of Higher Education, Bedford, United Kingdom, 1991 (sponsored by the International Affairs Unit, Sports Council of Great Britain), invited lectures:
 - Youth fitness and adult health concerns
 - Youth sports: readiness, selection, and trainability
196. Youth sports: readiness, selection, and trainability. Invited lecture, School of Education, Exeter University, Exeter, Great Britain, 1991 (sponsored by the International Affairs Unit, Sports Council of Great Britain).
197. Race and performance: The need for a biocultural approach. Annual meeting, ACSM, Orlando, FL, 1991.
198. Anthropometric, flexibility and performance characteristics of divers from the United States, the Union of Soviet Socialist Republics, and the Peoples' Republic of China: The Alamo International Diving Meet, May 9-12, 1991, U.S. Diving National Team Training Camp, Lancaster Aquatic Center, Lexington, KY, 1991.
199. Racial/ethnic variation in the prevalence of obesity in children and adolescents. Workshop on Child and Adolescent Obesity: What, How, and Who? International Life Sciences Institute-Nutrition Foundation, Food, Nutrition and Safety Committee, Airlie, VA, 1991.
200. Adolescent awkwardness - relationship of the growth spurt to motor performance. Department of Kinesiology, Indiana University, Bloomington, IN, 1992.
201. Human Biology in the Valley of Oaxaca: growth and secular changes. Department of Anthropology, Indiana University, Bloomington, IN, 1992.
202. Developmental and environmental contributions to youth fitness. Invited lecture, Texas Chapter of the American College of Sports Medicine, annual meeting, Austin, TX, 1992.
203. Ethnic and social class variation in somatotypes of Mexican Americans and non-Hispanic Whites in the San Antonio Heart Study. Annual meeting, Human Biology Council, Las Vegas, NV, 1992.
204. Relative fat distribution - Relationship to skeletal maturation, growth status, and performance. Annual meeting, AAPA, Las Vegas, NV, 1992.
205. Does physical training influence growth in children? Invited paper, Symposium: Exercise Modulation of Human Growth, American Physiological Society, Endocrinology and Metabolism Section, FASEB, Anaheim, CA, 1992.
206. Changes during growth and maturation: Implications for age group swim training. United States Swimming, Olympic Solidarity National Coaches Seminar: Development of the Age Group Swimmer. U.S. Olympic Training Center, Colorado Springs, CO, 1992.
207. Biocultural perspectives on physical activity and sport. Seminar, Department of Physical Education and Dance, University of Wisconsin, Madison, WI, 1992.
208. Physical activity: Relationship to growth, maturation, and physical fitness. International Consensus Symposium on Physical Activity, Fitness and Health, Toronto, Canada, 1992.

209. Benefits of physical activity from a lifetime perspective. Plenary lecture, The 1992 International Conference on Physical Activity, Fitness and Health, Toronto, Canada, 1992.
210. Maturity assessment and tracking in young athletes. Tutorial lecture, annual meeting, ACSM, Dallas, TX, 1992.
211. Physical activity: Its relationship to growth, maturation and fitness in children and adolescents. Grand Rounds, Department of Psychiatry, Indiana University, School of Medicine, Indianapolis, IN, 1992.
212. Growth and fitness of children: Mirrors of society. Fellow lecture, Indiana University Institute for Advanced Study, Bloomington, IN, 1992.
213. Physical activity and fitness: Longitudinal perspectives. Invited lecture, International Council for Physical Fitness Research (ICPFR - Symposium '92), Leuven, Belgium, 1992.
214. Evenly matched opponents. Invited lecture, Summit 92: Sportsmanship in Youth Sports, National Youth Sports Coaches Association, San Antonio, TX, 1992.
215. Invited lectures, Faculty of Physical Education, University of Campinas, Campinas, Brazil, 1992:
 - Age and sex differences in growth and performance
 - Maturity-associated variation in growth and performance
 - Functional consequences of undernutrition
 - Secular trends in growth, maturation and performance
 - Effects of physical activity and training on growth, maturation and performance
216. Maturity-associated variation in growth and performance. Invited lecture, Faculty of Physical Education, University of Sao Paulo, Sao Paulo, Brazil, 1992.
217. Chronic undernutrition, physical activity and motor fitness. Plenary lecture, XVIII International Symposium of Sport Sciences, Exercise and the Quality of Life, CELAFISCS (Centro de Estudos do Laboratorio de Aptidao Fisica de Sao Caetano do Sul) and Escola Superior de Educacao Fisica de Sao Caetano do Sul UNIFEC, Sao Caetano do Sul, Brazil, 1992.
218. Anthropological aspects of growth and development. Short course in conjunction with XVIII International Symposium of Sport Sciences, Exercise and the Quality of Life, CELAFISCS (Centro de Estudos do Laboratorio de Aptidao Fisica de Sao Caetano do Sul) and Escola Superior de Educacao Fisica de Sao Caetano do Sul UNIFEC, Sao Caetano do Sul, Brazil, 1992.
219. Effects of athletic training on growth and maturation during puberty. Pediatric Grand Rounds, Department of Pediatrics, University of Virginia Health Sciences Center, Charlottesville, VA, 1992.
220. Maturity-associated variation in growth and performance. Seminar, Department of Physical Education, University of Virginia, Charlottesville, VA, 1992.
221. Physical activity, sports, and health: Current achievements and directions for the turn of the century. Keynote lecture, Lustrum (5th Anniversary), Janus Jongbloed Research Centrum: University Institute for Sports, Physical Activity and Health, Faculties of Medicine and Social Sciences, University of Utrecht, Utrecht, The Netherlands, 1992.
222. General trends in comparisons of Americans of African (Black), European (White) and Mexican ancestry. National Center for Health Statistics Growth Chart Workshop, College Park, MD, 1992.
223. Growth and fitness of children and youth: Mirrors of society. Alliance Scholar lecture, national meeting, AAHPERD, Washington, DC, March 1993; also presented to the University Center group at Oxford College of Emory University, Oxford, GA, February 1993; and Department of Physical Education, Manhattan College, Riverdale, NY, April 1993.

224. Age at menarche in athletes and their mothers and sisters. Annual meeting, Human Biology Council, Toronto, Canada, 1993.
225. Skeletal remains at La Galgada, Peru. Society for American Archaeology, Symposium - The Centrality of Bioarchaeology: Andean Instances, St. Louis, MO, 1993.
226. Invited lectures, II Simposio Internacional de Actualization en Ciencias Aplicadas al Deporte (II International Symposium on the Application of Science to Sport), Rosario, Argentina, 1993:
 - Growth and maturation assessment of young athletes
 - Growth and maturation status of young athletes
 - The effects of training on growth and maturation
227. Issues of youth fitness in an international perspective: Introduction. Current Issue Symposium, An International Perspective on Physical Activity and Fitness of Children and Youth (symposium organizer). Annual meeting, ACSM, Seattle, WA, 1993.
228. Youth in competitive sport at elite levels. Keynote lecture, International Sports Science Conference '93: Optimising Performance, Singapore Sports Council, Singapore, 1993.
229. Size attained and timing of peak height velocity in active and non-active youth. Invited lecture, Department of Health Education, Faculty of Education, University of Tokyo, Tokyo, 1993.
230. Auxology: Perspectives from human biology and kinesiology. Invited lecture, Japanese Auxological Society, Laboratory of Growth and Ergonomics, Institute of Human Living Sciences, Otsuma Women's University, Tokyo, 1993.
231. Growth of Zapotec school children. 13th International Congress of Anthropological and Ethnological Sciences, Mexico City, DF, Mexico, 1993.
232. Muscular strength in Zapotec children and adults: Nutritional and functional correlates. 13th International Congress of Anthropological and Ethnological Sciences, Mexico City, DF, Mexico, 1993.
233. Growth and maturation of young athletes. Graduate seminar, School of Human Kinetics, University of British Columbia, Vancouver, British Columbia, Canada, 1993.
234. Maturity matching in youth sports. Invited lecture, Joint meeting of the European Group of Pediatric Work Physiology and the North American Society for Pediatric Exercise Medicine, Alliston, Ontario, Canada, 1993.
235. Cardiovascular health and physical activity of Latin American children and youth. Invited lecture, Joint meeting of the European Group of Pediatric Work Physiology and the North American Society for Pediatric Exercise Medicine, Alliston, Ontario, Canada, 1993.
236. Background in sport, growth status, and growth rate of Junior Olympic divers. 1993 U.S. Diving Sport Science Seminar, Los Angeles, CA, 1993.
237. Growth and maturation. Lecture in Applied Human Nutrition, Dental School, Department of Community Dentistry, University of Texas, Health Science Center, San Antonio, TX, 1993.
238. Anthropology, auxology, and sport. Conferencia Magistral (keynote address), VII Coloquio Internacional de Antropologia Fisica Juan Comas, Museo Nacional de Antropologia, Mexico City, DF, Mexico, 1993.
239. The fitness or unfitness of American youth: Current status in the era of political correctness. Alderson Lecture, Department of Kinesiology and Health Education, University of Texas, Austin, TX, 1994.

240. Maturity-associated variation in peak VO₂ in active adolescents. Annual meeting, Human Biology Council, Denver, CO, 1994.
241. Longitudinal studies of young athletes: Introductory remarks. Symposium: Longitudinal Studies of the Physical and Hormonal Concomitants of Growth at Puberty in Athletes: International Studies (symposium organizer with A.D. Rogol). Annual meeting, ACSM, Indianapolis, IN, 1994.
242. Growth and sexual maturation of male and female athletes attending Polish sport schools. Annual meeting, ACSM, Indianapolis, IN, 1994.
243. Changes in body composition during lifespan transitions. Invited lecture, Symposium on Hormones and Body Composition, Annual meeting of the Endocrine Society, Anaheim, CA, 1994.
244. Auxology and youth sports. Invited seminar, Faculty of Human Biology, University of Bremen, Bremen, Germany, 1994.
245. Children in elite sport: Auxological considerations. Invited lecture, 7th International Congress of Auxology, Szombathely, Hungary, 1994.
246. Growth and maturation of young athletes and the effects of training. Conferencia Magistral (keynote address), Sexto Congreso y Curso Internacional, Escuela Superior de Educacion Fisica 94, Mexico City, DF, Mexico, 1994.
247. Kinanthropometry, nutrition and growth. Invited lecture, Sexto Congreso y Curso Internacional, Escuela Superior de Educacion Fisica 94, Mexico City, DF, Mexico, 1994.
248. Chronic undernutrition: Implications for motor development, performance, and physical activity. Keynote lecture, XIX Simposio Internacional de Ciencias do Esporte, "Saude e Desempenho", Sao Paulo, Brazil, 1994.
249. Growth and maturation of the talented young athlete. Short course, in conjunction with XIX Simposio Internacional de Ciencias do Esporte, "Saude e Desempenho", Sao Paulo, Brazil, 1994.
250. Growth and maturation. Lecture in Applied Human Nutrition, Dental School, Department of Community Dentistry, University of Texas, Health Science Center, San Antonio, TX, 1994.
251. Human biology studies in the Valley of Oaxaca, southern Mexico. Department of Anthropology, University of South Carolina, Columbia, SC, 1995.
252. Physical activity and fitness of children and youth: questions and implications. Department of Physical Education, University of South Carolina, Columbia, SC, 1995.
253. Birth weight and relative fat distribution at school age. Annual meeting, Human Biology Council, Oakland, CA, 1995.
254. Sibship size and age at menarche in athletes. Annual meeting, ACSM, Minneapolis, MN, 1995.
255. Recent secular trends in American children and youth. Invited lecture, Conference on East-West Comparison of Secular Trends in Growth of Children, Tuczno, Poland, 1995.
256. Youth fitness and physical activity: Interrelationships and interpretations. Invited lecture, European Group of Pediatric Work Physiology, Symposium XVIII: Exercise and Fitness - Benefits and Risks, Faaborg, Denmark, 1995.
257. Issues in youth sports and youth fitness. Workshop, European Group of Pediatric Work Physiology, Symposium XVIII: Exercise and Fitness - Benefits and Risks, Faaborg, Denmark, 1995.

258. Growth studies of active Polish youth: Prospective and retrospective longitudinal studies. Human Growth Workshop '95, Emory University, Atlanta, GA, 1995.
259. Growth, maturation, and motor activity. Short course, I Congresso da Sociedade Brasileira de Atividade Motor Adaptada, IV Seminaria de Atividade Fisica Adaptada, III Simposio de Atividade Fisica e Adaptacao, Universidade Estadual de Campinas, Campinas, Brasil, 1995.
260. Human adaptability in different populations. Keynote lecture, I Congresso da Sociedade Brasileira de Atividade Motor Adaptada, IV Seminaria de Atividade Fisica Adaptada, III Simposio de Atividade Fisica e Adaptacao, Universidade Estadual de Campinas, Campinas, Brasil, 1995.
261. Evaluation of body composition in children. Grand rounds lecture, Department of Pediatrics, Faculty of Medical Sciences, Universidade Estadual de Campinas, Campinas, Brasil, 1995.
262. Evidence for secular trends in non-NCHS data sets. Invited paper, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, Growth Chart Revision Workshop, College Park, MD, 1995.
263. Sport during adolescence: Benefits and limitations. Invited lecture, VIII Coloquio Internacional de Antropologia Fisica "Juan Comas", Escuela Nacional de Antropologia e Historia, Mexico, DF, 1995.
264. Chronological age versus developmental age: Safety implications for youth baseball. Invited lecture, Symposium on Safety in Baseball/Softball, Committee F-8 on Sports Equipment and Facilities, American Society for Testing and Materials, Atlanta, GA, 1995.
265. How to make sports fun for children! Invited lecture, Scoring Points with Kids, 1995 Youth Sports Conference sponsored by the Community Recreation and Parks Branch of the Pennsylvania Recreation and Park Society, and the National Youth Sports Coaches Association of Pennsylvania, Lancaster, PA, 1995.
266. Controversial issues in youth sports: Mixed gender sports teams. Invited lecture, Scoring Points with Kids, 1995 Youth Sports Conference sponsored by the Community Recreation and Parks Branch of the Pennsylvania Recreation and Park Society, and the National Youth Sports Coaches Association of Pennsylvania, Lancaster, PA, 1995.
267. Cultural considerations in the assessment of physical activity in minority women. Invited lecture, The Assessment of Physical Activity in Minority Women, Expert Panel Meeting, Prevention Center, School of Public Health, University of South Carolina, and Center for Health Promotion and Research Development, School of Public Health, University of Texas at Houston, Columbia, SC, 1996.
268. Growth and maturity characteristics of young athletes in several sports: Selection and influence of training. Invited lecture, Child Training: Theory and Practice, The Nat Holman School for Coaches and Instructors, Wingate Institute for Physical Education and Sport, Netanya, Israel, 1996.
269. Issues in youth sports. Invited lecture, Child Training: Theory and Practice, The Nat Holman School for Coaches and Instructors, Wingate Institute for Physical Education and Sport, Netanya, Israel, 1996.
270. The effects of intensive training on the growth and maturation of children and youth. Invited lecture, The Twelfth International Jerusalem Symposium on Sports Injuries, Kfar HaMaccabiah Convention and Sports Center, Tel Aviv, Israel, 1996.
271. Physical activity, physical fitness, and social status. Invited paper, Symposium on Human Biology and Social Inequality, Society for the Study of Human Biology, The London School of Hygiene and Tropical Medicine, London, United Kingdom, 1996.
272. A multivariate analysis of physical activity and fitness in school-aged children and adolescents. Annual

- meeting of the Human Biology Association, Raleigh-Durham, NC, 1996.
273. V Simposio Internacional de Actualization en Ciencias Aplicadas al Deporte (V International Symposium on the Application of Science to Sport), Rosario, Argentina, 1996, invited lectures:
Evaluation of growth and maturation in relation to physical activity and sport
Body composition assessment of children and adolescent participants in sport
Equalizing competition in youth sports
 274. Changes in body composition with growth and maturation: Training as a factor. Invited lecture, Symposium - Physical Activity, Exercise and Body Composition, 1996 International Pre-Olympic Scientific Congress: Physical Activity, Sport, and Health, Dallas, TX, 1996.
 275. Malnutrition, activity, and performance of children and youth in developing countries: Multiple pathways. Keynote lecture, Exercise Science and Sports Medicine in Developing Countries - Special Challenges, 1996 International Pre-Olympic Scientific Congress: Physical Activity, Sport, and Health, Dallas, TX, 1996.
 276. Tracking of physical activity and physical fitness across the lifespan. Invited concurrent lecture, 1996 International Pre-Olympic Scientific Congress: Physical Activity, Sport, and Health, Dallas, TX, 1996.
 277. Prospective and retrospective longitudinal studies of the growth, maturation, and fitness of Polish youth active in sport. Invited address, Problems and Solutions in Longitudinal Research, Leeuwenhorst, Noordwijkerhout, The Netherlands, 1996.
 278. Growth and maturation of active Polish children and youth. Invited address, XXIII Congress of the Polish Society of Sports Medicine and 1st International Symposium "Medicina Sportiva 96", Academy of Physical Education, Kraków, Poland, 1996 (also presented as a seminar to the Polish Academy of Sciences, Institute of Anthropology, Wrocław, Poland).
 279. In-line skating as a youth sport: Physiologic, traumatologic and orthopedic issues. Invited address, Deutsch-Osterreichisch-Schweizerischer Kongress fur Sportorthopadie und Sporttraumatologie (German-Austrian-Swiss Congress for Sportorthopedics and Sporttraumatology), Gesellschaft fur Orthopadisch Traumatologische Sportmedizin (Society for Orthopedic and Traumatologic Sports Medicine), Vienna, Austria, 1996.
 280. Growth and maturation of young athletes: Is training a factor? Keynote lecture, Annual meeting, Midwest Chapter, American College of Sports Medicine, St. Charles, IL, 1996.
 281. Motor development and physical activity. Short course sponsored by the National School of Anthropology and History, Association of Mexican Biological Anthropologists, the Department of Medical Research and Sports Medicine of the Autonomous National University of Mexico, and the National Commission for Sport, at the National School of Anthropology and History, Mexico City, DF, Mexico, 1996.
 282. Risk factors for injury in youth sports. American College of Sports Medicine Roundtable - Youth Sports Injury: Risks, Causes, and Consequences, Indianapolis, IN, 1996.
 283. Growth and maturation of young athletes: Is training for sport a factor? Keynote lecture, 1997 International Sports Medicine Congress on Sports and Children, Hong Kong Sports Institute, Hong Kong, China, 1997.
 284. Growth and maturation of young athletes: Is training a factor? Keynote lecture, Annual Regional Conference, Northwest Chapter, American College of Sports Medicine, Spokane, WA, 1997.
 285. Tracking of activity and fitness across the lifespan. Invited lecture, Annual Regional Conference, Northwest Chapter, American College of Sports Medicine, Spokane, WA, 1997.
 286. Sexual maturation of young athletes: Is training a factor? Invited seminar, Department of Physiology, Michigan State University, 1997.

287. Relation between birth weight at term and growth rate, skeletal age and cortical bone at 6-11 years. Annual meeting of the Human Biology Association, St. Louis, MO, 1997.
288. Coaching youth sports: Problems and prospects for injury surveillance. Annual meeting, ACSM, Denver, CO, 1997.
289. Age specific references and standards in adolescents. Invited paper, World Health Organization, International Obesity Task Force Workshop on Childhood Obesity, Dublin, Ireland, 1997.
290. Growth and maturation of young gymnasts: Is training a factor? Invited lecture, the Eighth International Congress of Auxology, Human Growth and Development, Philadelphia, PA, 1997.
291. V Congreso de Ciencias del Ejercicio and XLII Jornadas Chilenas de Medicina del Deporte, Santiago, Chile, 1997, invited lectures:
 - Physical activity, fitness, and health (opening address)
 - Applications of anthropometry to youth sports
 - Training and the female athlete
 - Effects of sport training on growth and maturation
 - Identification and selection of talent in sport
292. Seminario Internacional de Medicina y Ciencias Aplicadas al Deporte y a la Educación Física, Armenia, Quindío, Colombia, 1997, invited lectures:
 - Hormonal changes during growth and maturation: Normal variation and effects of training
 - Growth, maturation, and sport: Selection and training
 - Maturity matching in youth sports
293. Growth, maturation, and performance of the young athlete. Invited lecture, the 9th European Congress on Sports Medicine, Porto, Portugal, 1997.
294. Growth and maturation of young athletes: Is training a factor? Invited lecture, 8th annual meeting of the Japanese Auxological Society, Tokyo, Japan, 1997.
295. Does training for sport influence growth and maturation? Invited seminar, Department of Physical Education, Graduate School of Human and Environmental Studies, and Faculty of Integrated Human Studies, Kyoto University, Kyoto, Japan, 1997.
296. Human biology studies in the Valley of Oaxaca, southern Mexico. Invited lecture, Japanese Anthropological Society, Auxology Section, Tokyo Metropolitan University, Tokyo, Japan, 1997.
297. Genetic considerations in motor development and performance. Invited lecture, Symposium: Genetics of Health-Related Physical Fitness, Faculty of Physical Education and Kinesiotherapy, Katholieke Universiteit Leuven, Belgium, 1998.
298. Age-, sex-, and maturity-associated variation in subcutaneous fat distribution. American Society for Clinical Nutrition Symposium, Fat distribution during growth and later health outcomes, Annual meeting, Experimental Biology '98, FASEB, San Francisco, 1998.
299. The talent identification program: Characteristics of successful Junior Olympic divers. United States Diving, Techniscience Seminar for Coaches, Fort Lauderdale, FL, 1998.
300. Physical activity and fitness during childhood and adolescence: Anthropological perspectives. Invited lecture, Symposium: Physical Activity in Children, XXVI FIMS World Congress of Sports Medicine (Fédération Internationale de Médecine Sportive), Orlando, FL, 1998.
301. Youth sports and the community. Community Outreach Program, Annual meeting, ACSM, Orlando, FL,

- 1998.
302. Body composition changes during growth and maturation: Implications for training. Invited lecture, Symposium: Weight Regulation in Physical Activity and Sport, Annual meeting, ACSM, Orlando, FL, 1998.
 303. Obesity in children and adolescents: Prevalence and functional consequences. Invited lecture, 15th International Puijo Symposium - Physical Activity in the Prevention and Treatment of Obesity and Its Metabolic Co-Morbidities, Kuopio, Finland, 1998.
 304. VI Congreso de Ciencias del Ejercicio and XLIII Jornadas Chilenas de Medicina del Deporte, Santiago, Chile, 1998, invited lectures:
 - Growth and maturation of young athletes: Is training a factor? (opening address)
 - The two faces of malnutrition: Implications for physical activity and performance
 - Relationships among growth, maturation, and physical activity
 - Participation in youth sports: Benefits and risks
 305. Continuing Education Program, Productos Roche, S.A.Q., Buenos Aires, Argentina, 1998, invited lectures:
 - Growth and maturation: Relevance to activity and performance. Winter Garden Institute, Buenos Aires
 - Malnutrition, activity, and performance. Department of Pediatrics, Garrahan Hospital, Buenos Aires
 - The two faces of malnutrition: Implications for activity and performance. Club Provincia, Buenos Aires
 - Growth and maturation: Relevance to activity and performance. Catholic University of Córdoba, Medical School, Córdoba
 - Does training for sport influence growth and maturation? Catholic University of Córdoba, Córdoba
 - Malnutrition, activity, and performance. Universidad de Salvador, Venado Tuerto
 - Physical activity, training, growth and maturation: Interrelationships and confounders. Three hour workshop, Subsecretaria de Deportes y Juventud, Min. de Salud y Acción Social, Ushuaia
 - Malnutrition, activity, and performance. Two hour workshop, Subsecretaria de Deportes y Juventud, Ministerio de Salud y Acción Social, Ushuaia
 - Does training for sport influence growth and maturation? Jefatura de Educacion Fisica, Region II, Instituto Bonaerense del Deporte, Municipalidad de Lomas de Zamora, Provincia de Buenos Aires
 306. Growth and maturation of young athletes: Is training for sport a factor? Invited lecture, 11th Congress of the European Anthropological Association, Jena, Germany, 1998.
 307. Australian Conference of Science and Medicine in Sport, Adelaide, Australia, 1998, invited lectures:
 - Tracking of physical activity and fitness from childhood through adulthood (keynote lecture)
 - Youth sports: Benefits and risks (keynote lecture)
 - Menarche in athletes: "Delayed" or simply late?
 308. Prevention of injuries in in-line skating. Invited lecture, Get Michigan Moving Day, Governor's Council on Physical Fitness, Health and Sports; Michigan Fitness Foundation; Michigan Association for Health, Physical Education, Recreation and Dance; and Michigan Department of Community Health, Dearborn, MI, 1998.
 309. Physical activity and fitness during childhood and adolescence: Anthropological perspectives, Invited inaugural lecture, Developmental Kinetics Graduate Program and the Fourth Silvio Lima Lecture, Faculdade de Ciencias do Desporto e Educacao Fisica, Universidade de Coimbra, Coimbra, Portugal, 1999.
 310. Training for sport and the growth and maturation of young athletes. Invited lecture, Eighth annual meeting, American Medical Society for Sports Medicine, Hilton Head, SC, 1999.
 311. Size attained and the adolescent spurt of female gymnasts. Invited lecture, Female Artistic Gymnasts: Is There a Need for Concern? Physiological and Psychological Outcomes, Annual meeting, ACSM, Seattle, WA, 1999.
 312. Trainability of young athletes. Invited lecture, Johnson & Johnson Symposium: The Young Athletes - Variation, Risks and Transitions, National Athletic Trainers' Association 50th Annual Meeting and Clinical

Symposia, Kansas City, MO, 1999.

313. Undernutrition, motor development and physical activity: Immediate and long-term consequences. Invited lecture, Continuing Education Program, Productos Roche, S.A.Q., Buenos Aires, Argentina, presented at eight sites, 1999:
 - Universidad Nacional de Tucuman, Tucuman
 - Universidad Juan Augustin Maza, Mendoza
 - Universidad de Flores, Subseded Comahue, Neuquen
 - Organizacion de Servicios Directos Empresarios, Bariloche
 - Instituto Superior de Educacion Fisica, Club A. Quilmes, Mar del Plata
 - Instituto San Pedro, Instituto Superior de Formacion Docente, Grupo de Investigacion del Deporte y la Educacion Fisica, Bella Vista, Buenos Aires
 - Clinicas Hospital, Department of Pediatrics, Buenos Aires
 - Instituto de Educacion Fisica, Club Banco Provincia, Buenos Aires
314. Familial factors associated with age at menarche in athletes. Paper presented at the symposium: Puberty - Variability in changes and complexity of factors, IVth International Anthropological Congress of Ales Hrdlicka, Prague, Czech Republic, 1999.
315. Physical activity and fitness: The path from childhood to adulthood. Invited address, Session on Kinanthropology and Functional Anthropology, Vth International Anthropological Congress of Ales Hrdlicka, Prague, Czech Republic, 1999.
316. Current issues in youth sports. Invited lecture, Interdisciplinary Seminar, Current Issues in Sport, Graduate School, University of Michigan, Ann Arbor, MI, 1999.
317. Physical education and its physical domains. Invited keynote lecture, World Summit on Physical Education, International Council of Sport Science and Physical Education, co-sponsored by the World Health Organization, Berlin, Germany, 1999.
318. Growth, maturation and development: Implications for the health care and injury of youth sports participants. Invited lecture, National Athletic Trainers Association Research and Education Foundation Consensus Conference: Healthcare of the Youth Sports Participant, Atlanta, GA, 1999.
319. Tecnicas de la ensananza y entrenamiento deportivo. Invited short course (9 hours). Educacion Deportiva, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico, 2000.
320. Children and adolescents in the exercise and sport sciences: Historical perspectives 1880s-1950s. D.B. Dill Lecture, Annual meeting, ACSM, Indianapolis, IN, 2000.
321. Health and human variability. Invited short course (2 weeks), Comision de Estudios de Postgrado, Facultad de Ciencias Economicas y Sociales, Universidad Central de Venezuela, Caracas, Venezuela, 2000.
322. Youth Sports: Benefits, Risks and Related Issues. Invited lecture, IX International Congress of Auxology, Torino, Italy, 2000.
323. Physical activity and fitness: Interrelations from childhood to adulthood. Invited lecture, Annual meeting American Academy of Kinesiology and Physical Education, Lake Geneva, WI, 2000.
324. College of Kinesiology, University of Saskatchewan, Saskatoon, Canada, 2000, invited lectures:
 - Growth and maturation of young athletes: Training or selection?
 - Historical perspectives on children and adolescents in the sport sciences
325. Physical activity and fitness: Correlates in growth, undernutrition and overnutrition. Invited lecture, International Life Sciences Institute/La Sociedad Latinoamericano de Nutricion Symposium - Actividad fisica para la promocion de un estilo de vida saludable: Una perspectiva internacional, XII Congreso

- Latinoamericano de Nutricion, Buenos Aires, Argentina, 2000.
326. Growth, maturation, and physical activity. Invited opening lecture, Forum Tematico de Biocinetica, Desenvolvimento Motor, Faculdade de Ciencias do Desporto e Educacao Fisica, Universidade de Coimbra, Coimbra, Portugal, 2001.
 327. Growth status of school children in a rural Zapotec community in Oaxaca, Mexico: 1968, 1978 and 2000. Annual meeting, Human Biology Association, Kansas City, MO, 2001.
 328. Growth and physical activity of youth as a mirror of the conditions in society: A Latin American perspective. Invited lecture, annual meeting, ACSM, Baltimore, MD, 2001.
 329. Growth and maturation: distinct yet related processes. Invited lecture, annual meeting, ACSM, Baltimore, MD, 2001.
 330. Sport and its influence on the growth and development of children and adolescents. Invited short course, Departamento de Esporte da Escola de Educação Física e Esporte, Universidade de São Paulo, São Paulo, Brazil, 2001.
 331. IV Workshop, Atividade Fisica e Adaptacao (Physical activity and adaptation), Faculdade de Educação Física, Universidade Estadual de Campinas, Campinas, Brasil, 2001, invited lectures:
 - Human adaptability – concepts and trends applied to rural and urban areas
 - Human adaptability – why are the years of growth and maturation important?
 - Biocultural perspectives on growth and physical activity
 - Physical activity, growth and maturation – benefits and risks
 - Functional consequences of undernutrition and obesity
 - Physical activity and fitness in special populations
 332. Contributions of Johanna Faulhaber to auxology and anthropology. Invited address, XI Coloquio Internacional de Antropologia Fisica Juan Comas, Orizaba, Veracruz, Mexico, 2001.
 333. Anthropology and physical activity: A lifespan perspective. Lecture on the occasion of the award of a Doctor Honoris Causa, Akademia Wychowania Fizycznego im. Bronislawa Czecha w Krakowie, Kraków, Poland (Bronislaw Czech Academy of Physical Education of Cracow, Poland), 2001.
 334. Growth and maturity of young artistic gymnasts: Status, progress, and issues. Invited lecture, 6th International Sports Science Symposium, Science in Artistic Gymnastics, Ghent, Belgium, 2001.
 335. Growth, maturation and development in football. Invited lecture, Symposium on Developing Elite Footballers: Putting Science into Practice, Liverpool John Moores University in conjunction with the World Commission of Science and Sports and The Football Association Coaches Association, Liverpool, United Kingdom, 2001.
 336. Youth sports – Benefits, risks, and principles of conditioning. Segundo Curso de Educacion Fisica y Entrenamiento Deportivo, Universidad Autonoma de Tamaulipas, Tampico, Mexico, 2001.
 337. Undernutrition, growth and performance. Invited lecture, Grand Rounds: 8th Annual College of Health Sciences Research Day, University of Wyoming, Laramie, WY, 2002.
 338. Future directions in kinesiology and health. Margaret E. Craig Memorial Lecture, Division of Kinesiology and Health, University of Wyoming, Laramie, WY, 2002.
 339. Talent identification and profiling: Concepts and concerns. Invited lecture, annual meeting, ACSM, St. Louis, MO, 2002.

340. Application of a non-invasive maturity indicator in the study of injuries in youth football. Annual meeting, National Athletic Trainers' Association, Dallas, TX, 2002.
341. Talent identification and development in soccer: Status, progress and issues. Honor Award Lecture, North American Society for Pediatric Exercise Medicine, East Lansing, MI, 2002.
342. Seminario Internacional: Actividad Fisica en Niños y Adolescentes, co-sponsored by CIENS (Ciencia, Entrenamiento, Salud), Sociedad Chilena de Medicina del Deporte, Universidad Andres Bello, and Centro de Alto Rendimiento (CAR), Santiago, Chile, 2002, invited lectures:
 - Growth, maturation and performance
 - Physical activity as a factor affecting growth and maturation
 - Physical activity as a factor in the health of children and adolescents
 - Nutrition, motor development and performance
343. III Congreso Internacional del Futbol y las Ciencias del Deporte, Organiza: Centro Medico del Real Madrid, Madrid, Spain, 2002, invited lectures:
 - Growth and maturation of young soccer players
 - Mesoamerican rubber ball games
344. Young athletes: Growth, maturation, and training effects. Invited lecture, International Athletic Foundation (IAAF), Seminar on Youth Athletics, Madrid, Spain, 2002.
345. Secular and functional contrasts among urban and rural children in southern Mexico: 1970-2000. Invited lecture, Faculty of Physical Education and Kinesiotherapy, Katholieke Universiteit Leuven, Leuven, Belgium, 2002.
346. Physical activity and performance as a function of age and gender in adults. Invited lecture, Workshop on Hormones, Body Composition and Physical Performances, Torino, Italy, 2002.
347. Growth and motor performance of rural and urban children: The Oaxaca, Mexico Study. Invited lecture, Exercise Physiology Graduate Seminar, Texas A&M University, College Station, TX, 2003.
348. Growth, maturation and nutrition of young gymnasts: Status, progress, and issues. Invited lecture, College of Nutrition, University of Georgia, Athens, GA, 2003.
349. Biological maturation and readiness for sport: Research on young soccer athletes. Invited lecture, II Fórum Desporto de Jovens, Lousã, Portugal, 2003.
350. Neurobiology of motor development. Invited short course, Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, Coimbra, Portugal, 2003.
351. Growth and biological maturity of youth football (soccer) players. Invited lecture, Juventus Football Club, Torino, Italy, 2003.
352. Growth and maturation of young football players: Implications for selection, performance and competitions. Keynote address, 5th World Congress on Science and Football, Lisbon, Portugal, 2003.
353. Incidence and player risk factors for injury in youth football (American). Invited lecture, 22nd Pediatric Work Physiology Meeting, Porto, Portugal, 2003.
354. Selection and development of talented young athletes: Status, progress, and issues. Plenary lecture, 8th International Scientific Conference Sport Kinetics 2003, 11th Conference on Physical Education and Sport in Scientific Research, Rydzyna, Poland, 2003.

355. Secular change in rural Oaxaca, southern Mexico: ~1970-2000. Invited lecture, Polish Anthropological Association, Adam Mickiewicz University, Poznań, and Institute of Anthropology, Polish Academy of Sciences, Wrocław, Poland, 2003.
356. Physical activity: Trends in a cross-cultural perspective. Invited lecture, annual meeting, Canadian Society for Exercise Physiology, Niagara-on-the-Lake, Ontario, Canada, 2003.
357. Intensive training for sport during childhood and adolescence: Implications for growth, maturation and performance. Invited lecture, Convegno, Fisiologia, Nutrizione e Preparazione Fisica per le Attività Motorie in Ambiente Estremo (Physiology, Nutrition and Physical Preparation for Motor Activity in Extreme Environments), Facoltà di Scienze Motorie e Dipartimento di Biochimica, Università degli Studi di Bologna, Bologna, Italy, 2003.
358. Secular change in children and adults in the Valley of Oaxaca: Nutritional and functional implications. Invited lecture, XIII Congresso Latinoamericano de Nutricion, Sociedad Latinoamericana de Nutricion, Acapulco, Mexico, 2003.
359. Epidemiology and tracking of physical activity. Expert Panel on Youth Physical Activity. Centers for Disease Control and Prevention panel meeting, Atlanta, GA, 2004.
360. The physical objectives of physical education. Invited lecture, Department of Physical Education, Universidade da Madeira, Portugal, 2004.
361. Selection and development of talented young athletes: Concept, progress and issues. Invited lecture, V Forum dos Treinadores da Madeira, Universidade da Madeira, Portugal, 2004.
362. Faculty of Physical Education and Physiotherapy, Katholieke Universiteit Leuven, Belgium, 2004, invited lectures:
 - Selection and development of talented young athletes: Concept, progress and issues.
 - Talent selection and development in artistic gymnastics: Implications for growth and maturation.
 - Physical activity: Health, fitness and behavioral outcomes during childhood and adolescence.
363. Growth, physical activity, and performance: Perspectives from physical education and anthropology. Invited lecture, National Association for Sport and Physical Education, National Convention and Exposition, AAHPERD, New Orleans, LA, 2004.
364. Specialization in youth sports: Biological perspectives. Invited lecture, National Association for Sport and Physical Education, All-Academy Symposium – Child and Adolescent Sport Specialization, National Convention and Exposition, AAHPERD, New Orleans, LA, 2004.
365. Symposium: Wrist pain in the young gymnast: Clinical, epidemiologic and auxologic perspectives, Annual meeting, ACSM, Indianapolis, IN, 2004:
 - Growth issues with respect to ulnar variance
 - Ulnar variance: Directions for future research
366. Organized sports and the activity needs of children and adolescents. Invited lecture, Pediatric Interest Group, Annual meeting, ACSM, Indianapolis, IN, 2004.
367. Comparison of TW III and Fels skeletal ages in elite youth soccer players. X International Congress of Auxology, Florence, Italy, 2004.
368. Sport and the developing child: Pros and cons. Keynote lecture, The Royal Society of Medicine symposium Fit for the Future: Children and Nutrition in Sport, London, UK, 2004.
369. Growth and maturation of adolescent track and field athletes. Invited lecture, Modern Tendencies in Youth Athletics Coaching, symposium of the Federazione Italiana di Atletica Leggera on the occasion of the

- International Association of Athletics Federations (IAAF) World Junior Championships, Grosseto, Italy, 2004.
370. Akademia Wychowania Fizycznego (University School of Physical Education), Wrocław, Poland, 2004, invited lectures:
Growth, physical activity and performance: Perspectives from physical education and anthropology
Health, fitness and behavioral outcomes associated with physical activity in youth
Sport and the developing child: Pros and cons
371. Health, fitness and behavioral outcomes associated with physical activity in youth. Invited lecture, Institute of Anthropology, Polish Academy of Sciences, Wrocław, Poland, 2004.
372. Physical activity: Health, fitness, and behavioral outcomes during childhood and adolescence. Keynote lecture, Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Bushkill, PA, 2004.
373. Cultural and socioeconomic issues. Invited lecture, Canadian Physical Activity Symposium, Active Healthy Kids Canada/Jeunes en Forme Canada, Toronto, 2004.
374. Cultural issues in the assessment of physical activity, Invited lecture, School of Physical and Health Education, Queen's University, Kingston, Ontario, Canada, 2004.
375. Invited lecture, VII Congreso Internacional de Avances en Medicina, Hospitales Civiles de Guadalajara, II Symposium de Actividad Física y Salud en Niño y el Adolescente, Guadalajara, Mexico, 2005, invited lectures:
Health, fitness and behavioral outcomes associated with physical activity in youth
Talent selection and development in young athletes: Concepts and issues
Benefits and risks associated with youth sports and physical activity
376. Health, fitness and behavioral outcomes associated with physical activity in youth. Invited lecture, Department of Health Promotion and Human Performance, University of New Orleans, New Orleans, LA, 2005.
377. Secular trends and population variation. Invited lecture, Anthropometry Workshop, International Organization for Standardization (ISO), British Standards Institute, London, UK, 2005.
378. Invited lecture, Master's program, Department of Physical Education, Universidade da Madeira, Madeira, Portugal, 2005, invited lectures:
Health, fitness and behavioral outcomes associated with physical activity in youth
Obesity: Current trends and implications
379. Intensive training for sport during childhood and adolescence, Invited lecture, Department of Physical Education and Sport, Universidade de Trás-os-Montes e Alto Duro, Vila Real, Portugal, 2005.
380. Risk factors for injury in young athletes. Invited lecture, I Meeting Internacional de Treinadores de Futebol, Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, Condeixa-a-Nova, Portugal, 2005.
381. Secular change in rural Oaxaca, Mexico: ~1970-2000. Invited lecture, Department of Anthropology, Universidade de Coimbra, Coimbra, Portugal, 2005.
382. Are there anthropometric and biomechanical advantages? Invited lecture, ACSM/Black Coaches Association Joint Minority Symposium: The Black Athlete and Athleticism, Annual meeting, ACSM, Nashville, TN, 2005.
383. Growth, training and sports: Risk factors and prevention. Invited lecture, Symposium: Risk Factors and Injury Prevention in Sports in the Context of Growth and Maturation, Annual meeting, ACSM, Nashville, TN, 2005.

384. Youth sport and physical activity: Interface of biology and culture. Keynote lecture, Annual conference, North American Society for the Psychology of Sport and Physical Activity, St. Pete's Beach, FL, 2005.
385. Evidence based recommendations for physical activity in school-age youth. Invited seminar, Division of Nutrition and Physical Activity and Division of Adolescent and School Health, Centers for Disease Control and Prevention, Atlanta, GA, 2005.
386. Congreso Bolivariano de Medicina y Ciencias Aplicadas al Deporte, Armenia, Colombia, 2005, invited lectures:
 - Genetics and the physically active lifestyle
 - Health and fitness benefits of a physically active lifestyle among youth
 - Benefits and risks of participation in youth sports
387. Trainability during childhood and adolescence. Invited lecture, Seminario per Formatori Regionali, Federazione Italiana de Atletica Leggera (FIDAL), Centro di Preparazione Olimpica, Tirrenia, Italy, 2005.
388. Health, fitness and behavioral outcomes associated with physical activity in youth. Invited lecture, 9th International Scientific Conference, International Association of Sport Kinetics, Rimini, Italy, 2005.
389. Longitudinal growth studies: Historical perspective. Invited lecture, 10th Symposium van de Vereniging voor Kinesiologie, 50 Years of Physical Activity, Physical Fitness and Health in Belgium, Katholieke Universiteit Leuven, Belgium, 2005.
390. XXVIII Simposio Internacional de Ciencias do Esporte, Sao Paulo, Brazil, 2005, invited lectures:
 - Health, fitness and behavioral outcomes associated with physical activity in youth
 - Youth sports: Benefits and risks
 - Physical activity: Trends in a cross-cultural perspective
391. XIII Congreso Internacional: Educación Física, Deporte y Ciencias Aplicadas, Facultad de Organizacion Deportiva, Universidad Autonoma de Nuevo León, Monterrey, Mexico, 2005, invited lectures:
 - Growth, maturation, functional capacity and sport-specific skills in youth soccer players
 - Growth, maturation and risk of injury in youth participants in American football
392. Developing a physical activity recommendation for American youth, invited lecture, Childhood Obesity: Updates and Innovations, Conference Series, Cooper Institute, Dallas, TX, 2005.
393. Núcleo de Pesquisa em Atividade Física e Saúde (NUPAF), Universidade Federal de Santa Catarina, Florianopolis, Brazil, 2005, invited lectures:
 - Physical activity in a cross-cultural perspective
 - Obesity in youth: Current trends and implications
 - Youth sports: Benefits and risks
394. V Congresso Brasileiro de Atividade Física e Saúde, Florianopolis, Brazil, 2005, invited lectures:
 - Development of a physical activity recommendation for youth
 - Research directions in physical activity and youth sport: Biocultural perspectives
395. Escuela Nacional de Antropologia e Historia, Instituto Nacional de Antropologia e Historia, Mexico City, D.F., 2005, invited short course on physical activity:
 - Assessment of physical activity and energy expenditure
 - Epidemiology of physical activity in youth
 - Obesity: current trends and implications
 - Developing a physical activity recommendation for youth
 - Physical activity in a cross-cultural perspective
 - Benefits and risks of sport participation for youth

396. Physical activity and fitness in an international growth standard, invited lecture, Development of an International Growth Standard for Preadolescent and Adolescent Children, United Nations University Food and Nutrition Program in collaboration with FAO and WHO Nutrition Department for Health and Development, Geneva, Switzerland, 2006.
397. Selection and development of talented young athletes: Concepts and issues, invited lecture, Federazione Italiana di Atletica Leggera (Italian Federation of Light Athletics), Centro Studi I Ricerche, National Course for Training Specialists, Rome, Italy, 2006.
398. Physical activity, growth and puberty: Interrelationships and effects, invited lecture, International conference, Hormones, Nutrition and Physical Performance, Turin, Italy, 2006.
399. Growth and maturity issues with young footballers, invited lecture, School of Sport and Exercise Sciences, Loughborough University, and Research Institute for Sport and Exercise Sciences, Liverpool John Moores University, United Kingdom, 2006.
400. U.S. Youth Soccer Workshop and Coaches Convention, Houston, TX, 2006, invited lectures:
Growth, maturation and physique of youth soccer players
Implications of early and late maturation of youth soccer players
401. Physical activity recommendations for youth: Rationale, development and applications, invited lecture, International Congress on Physical Activity and Public Health, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Atlanta, GA, 2006.
402. Physical activity recommendations for youth: Rationale, development and applications, invited lecture, Faculty of Sport Science and Physical Education, University of Porto, Portugal, 2006.
403. Young athletes: Talent identification and development. Invited short course, Faculdade de Ciências do Desporto e Educação Física, Universidade de Coimbra, Coimbra, Portugal, 2006.
404. Physical activity recommendation for American youth: Rational, evidence and implications. Invited lecture, joint session, American College of Sports Medicine and President's Council on Physical Fitness and Sports: Golden Celebration of Youth Physical Activity and Health: Roadmap for the Twenty-First Century, annual meeting, American College of Sports Medicine, Denver, CO, 2006.
405. Youth physical activity in different cultural contexts. Invited lecture, 24th International Council for Physical Activity and Fitness Research Symposium, Wrocław, Poland, 2006.
406. Implications of youth physical activity for adult physical activity and health. Invited lecture, Institute of Anthropology, Polish Academy of Sciences, Wrocław, Poland, 2006.
407. Youth physical activity: Implications for adult physical activity and health. Invited lecture, International Conference, Aging and Physical Activity: Application to Fitness, Sport and Health, Rydzyna, Poland, 2006.
408. Motivation for participation and for discontinuation in sport among youth. Invited lecture, Scuola Interregionale di Sport Abruzzo Molise (CONI), Centro Studi & Ricerche (Federazione Italiana di Atletica Leggera), and Scuola dello Sport Regionale Marche, San Nicolo a Tordino, Teramo, Italy, 2006.
409. Health, fitness and behavioral benefits of physical activity for youth. Invited lecture, International conference, Movement as Prevention and Health, University of Rome Tor Vergata, Rome, Italy, 2006.
410. Youth sports: Benefits and risks. Invited lecture, Faculty of Motor Sciences, University of Rome Tor Vergata, Rome, Italy, 2006.
411. Growth and Maturation: Sport for All and the Elite. Invited lecture, Council on Sports Medicine and Fitness, American Academy of Pediatrics, national conference, Atlanta, GA, 2006.

412. Physical activity recommendation for youth: Rationale and development. Professor Mario Bedu Lecture, 4^{ème} Congrès de Physiologie de l'Exercice chez l'Enfant, Clermont-Ferrand, France, 2006.
413. Physical activity for children and adolescents. Invited lecture, Institute of Medicine of the National Academy of Sciences, Workshop on the Adequacy of Evidence for Physical Activity Guidelines Development, Washington, DC, 2006.
414. Physical activity for children and adolescents. Invited lecture, Pre-Conference Think Tank to Advance the Future of Physical Activity Measurement and Guidelines, Canadian Society for Exercise Physiology Annual Scientific Conference, Halifax, Nova Scotia, Canada 2006.
415. Physical activity: A biocultural perspective. Invited lecture, Canadian Society for Exercise Physiology Annual Scientific Conference, Halifax, Nova Scotia, Canada, 2006.
416. Physical and physiological development of youth soccer players. Invited lecture, US Youth Soccer, State Directors of Coaching meeting, St. Louis, MO, 2007.
417. A primer on growth and maturation: 1. General principles and trends associated with age and sex, and 2. Applications to youth soccer players. Invited lectures, US Youth Soccer, Workshop and Coaches Convention, St. Louis, MO, 2007.
418. Activity, fitness and health outcomes in children and adolescents. Plenary session, Physical Activity, Physical Fitness and Human Biology, annual meeting, Human Biology Association, Philadelphia, PA, 2007.
419. International Youth Soccer Seminar: Fundamentals of Soccer Initiation, Sport Improvement Training and Educational Services, Ltd., Vancouver, BC, Canada, 2007, invited lectures:
 - Growth and maturation: general principles and trends
 - Growth, physique and maturation of youth soccer players
 - Implications of early and late maturation for youth soccer
 - Risk of injury to youth soccer players
420. Sexual maturation of girls: Does training for sport matter? Invited lecture, British Columbia Centre of Excellence for Women's Health, Vancouver, BC, Canada, 2007.
421. Growth, maturation and young athletes, International Seminar Series, Capilano College, North Vancouver, BC, Canada, 2007, invited lectures:
 - Selection and development of talented young athletes: concepts and issues
 - Growth and maturation of young athletes
 - Physical activity: effects on growth, maturation, fitness, health and behavior
 - Girls, physical activity and sport
422. Biological consequences of social inequality in Oaxaca: The state and community levels. Invited lecture, Polish Academy of Sciences, Institute of Anthropology, Wrocław, Poland, 2007.
423. Talent identification in youth soccer: concepts, evidence, questions. Invited lecture, II Meeting de Treinadores de Futebol (II Meeting of Soccer Coaches), University of Coimbra, Mealhada, Portugal, 2007.
424. Youth physical activity in different cultural contexts. Invited lecture, Faculty of Sport Science and Physical Education, University of Porto, Portugal, 2007.
425. Biological consequences of social inequality: Examples at the state and community levels in the State of Oaxaca. Invited lecture, Instituto Nacional de Antropología e Historia, Mexico, DF, 2007.

426. Urban-rural contrasts in the growth status of primary school children in the Valley of Oaxaca: 1970-2000. Invited lecture, Sociedad Latinoamericana de Nutrición, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, México, DF, 2007.
427. Linking the past with the present: Lessons from human biology. Workshop, Instituto Nacional de Antropología e Historia, Mexico, DF, 2007.
428. Auxology and social inequality in Oaxaca, Mexico: The state and community levels. Plenary lecture, XI International Congress of Auxology, Tokyo, Japan, 2007.
429. Evidence-based recommendation for physical activity in school-age youth. Invited lecture, National Institute of Health and Nutrition, Tokyo, Japan, 2007.
430. Physical activity, health and fitness. Invited lecture, Department of Physical Education, Tokyo Tech High School of Science and Technology, Tokyo, Japan, 2007.
431. Growth and maturation of youth soccer players: Implications for developmental programs. Invited lecture, Department of Physical Education, Tokyo Tech High School of Science and Technology, Tokyo, Japan, 2007.
432. Auxology and social inequality in Oaxaca, Mexico. Invited lecture, Nihon University School of Dentistry at Matsudo, Japan, 2007.
433. Health, fitness and behavioral benefits of physical activity for school age children. Invited roundtable lecture, Japanese School Health Association, Tokyo, Japan, 2007.
434. Growth and maturation: Influence of physical activity and sport. Invited lecture, Sport and Exercise Science, University of Bath, United Kingdom, 2007.
435. Growth and maturation: Interactions and sources of variation. Invited lecture, joint meeting of the Society for the Study of Human Biology and the Japanese Society for the Study of Physiological Anthropology, University of Cambridge, Cambridge, United Kingdom, 2007.
436. Communicating results: Study, think, plan, write. Invited workshop, First Annual Short Course on Obesity for Researchers, CAMBIO (Canada-Mexico Battling Childhood Obesity), Queens University and Universidad de Guadalajara, Guadalajara, Mexico, 2008.
437. Physical activity: The present in the context of the past. Invited lecture, Lynn W. McCraw Lecture Series, Department of Kinesiology and Health Education, University of Texas at Austin, 2008.
438. Youth sports: Global issues and trends. Keynote address, Singapore Sports Conference 2008, Youth and Sports: Charting the Road Ahead. Republic Polytechnic, Singapore, 2008.
439. Health benefits of physical activity in youth of school age. Invited lecture, School of Sports, Health and Leisure, Republic Polytechnic, Singapore, 2008.
440. Talent development: Concepts and issues. Invited lecture, Singapore Sports Council, Singapore, 2008.
441. Weight training in youth: Growth, maturation and safety. Keynote lecture, International Scientific Symposium, Elite Young Athletes: Biopsychosocial Approaches to Sporting Excellence, Hong Kong Sports Institute, Hong Kong, China, 2008.
442. Assessment and evaluation of the growth and maturation of young athletes. Workshop, International Scientific Symposium, Elite Young Athletes: Biopsychosocial Approaches to Sporting Excellence, Hong Kong Sports Institute, Hong Kong, China, 2008.

443. Reflections on Japanese contributions to auxology. Invited lecture, Memorial Tribute to Professor Masami Togo, University of Tokyo, Tokyo, 2008.
444. Clustering of risk factors and physical activity in youth. Invited lecture, 18th Annual Meeting of the European Childhood Obesity Group, Porto, Portugal, 2008.
445. Health benefits of physical activity for youth. Invited lecture, Curso de Verão em Ciencia do Desporto (summer course in sport science), Faculty of Sport Sciences and Physical Education, University of Coimbra, Coimbra, Portugal, 2008.
446. Physical activity in childhood and adolescence: Implications for adult health outcomes. Invited lecture, Childhood Obesity and Public Health: A Lifespan Approach to Prevention, Pennington Biomedical Research Center, Baton Rouge, LA, 2008.
447. Youth divers: A perspective from growth, maturation and development. Invited lecture, USA Diving Coach Development Forum, United States Aquatic Sports Convention, Atlanta, GA, 2008.
448. Obesity in children and adults in Oaxaca, southern Mexico: A 30 year perspective. Invited lecture, The Nutrition Transition and the Double Edged Sword – The Changing Face of Childhood Obesity in Mexico, Annual meeting of the Obesity Society, Phoenix, AZ, 2008.
449. Physical activity: The present in the context of the past. Invited lecture, University School of Physical Education, Wrocław; Institute of Anthropology, Polish Academy of Sciences, Wrocław; Institute of Anthropology, Adam Mickiewicz University, School of Biology, Poznań; Poland, 2008.
450. Akademia Wychowania Fizycznego im Eugeniusza Piaseckiego (Eugene Piasecki Academy of Physical Education), Poznań; Poland, 2008, invited lectures:
 - Health benefits of physical activity for youth.
 - Talent development in sport: Concepts and issues.
 - Communicating results: Study, think, plan, write.
451. Forum Desporto de Jovens (Forum on Youth Sports), Deporto Açores, Ponta Delgada, São Miguel, Açores, Portugal, 2008, invited lectures:
 - Participation of children and youth in organized sports
 - Health, fitness and behavioral benefits of physical activity for youth
452. Seminario International 2008: Treino de Jovens (Training of Youth). Instituto do Desporto de Portugal, Lisbon, Portugal, 2008, invited lectures:
 - Benefits of participation in sport for youth
 - Risks of participation in sport for youth
453. Youth sports in the 21st century: Critical issues. Invited lecture, Italian National Olympic Committee (CONI) and Centro Studi & Ricerche, Federazione Italiana di Atletica Leggera (FIDAL), Scuola dello Sport, Rome, Italy, 2008.
454. Youth sports in the 21st century: Critical issues. Invited lecture, Faculty of Motor Sciences, University of Bologna, Bologna, Italy, 2008.
455. Obesity in children and adolescents: Current trends and implications for physical activity and sport. Invited lecture (Lezione Magistrale), Faculty of Motor Science, University of Rome, Tor Vergata (Università degli Studi di Roma, Tor Vergata), Rome, Italy, 2008.
456. Communicating results: Study, think, plan, write. Invited workshop, Second Annual Short Course on Obesity for Researchers, CAMBIO (Canada-Mexico Battling Childhood Obesity), Queens University and Instituto Nacional de Salud Publica, Cuernavaca, Mexico, 2009.

457. Youth sports for all and the elite. Invited lecture, Distinguished Lecturer Series, Faculty of Health and Human Performance, Middle Tennessee State University, Murfreesboro, TN, 2009.
458. Scaling: Adjusting for variation in body size. Invited lecture, Curso de Verão em Ciencia do Desporto (summer course in sport science), Faculty of Sport Sciences and Physical Education, University of Coimbra, Coimbra, Portugal, 2009.
459. Writing papers: Study, think, plan, write. Invited lecture, Faculty of Sport Sciences and Physical Education, University of Coimbra, Coimbra, and Faculty of Sport Science and Physical Education, University of Porto, Portugal, 2009.
460. Normal variation in growth and maturation: Implications for performance and injury. Invited lecture, Southwest Athletic Trainers' Association Annual Meeting and Clinical Symposium, Arlington, TX, 2009.
461. Children and adolescents in the sport culture: The overwhelming majority to the select few. Invited keynote lecture, 8th Annual Conference of the Society of Chinese Scholars on Exercise Physiology and Fitness, Hong Kong, China, 2009.
462. Physical activity in childhood and adolescence: Implications for adult health. Keynote lecture, International Scientific Conference: Physical Education and Sport in Research 2009 – Aging and Physical Activity, Rydzyna, Poland, 2009.
463. Physical activity in childhood and adolescence: Implications for adult health. Inaugural lecture, 2009-2010 academic year, University School of Physical Education, Wrocław, Poland, 2009.
464. Correlates of motor development and physical activity in young children. Invited lecture, 19th European Childhood Obesity Group meeting, "Moving towards Health," Dublin, Ireland, 2009.
465. The future of youth sports: A critical evaluation of talent identification, selection and development. Keynote lecture, 11th International Conference of Sport Kinetics, Kallithea, Chalkidiki, Greece, 2009.
466. Youth sport for all and the elite. Invited lecture, Nuori Suomi - Young Finland, Helsinki, Finland, 2009.
467. Motor development and movement proficiency: Implications for physical activity and youth sport. Invited lecture, Third International Scientific Symposium on Learning and Teaching of Motor Skills, Jyväskylä University, Jyväskylä, Finland, 2009.
468. Communicating results: Study, think, plan, write. Invited lecture, Third Annual CAMBIO (Canada-Mexico Battling Childhood Obesity) Obesity Short Course Part 2: Data analyses, writing and publishing a research article, Puerto Vallarta, Mexico, 2010.
469. The Oaxaca Project: A selective overview. Invited lecture, Joint CAMBIO-MONARCA meeting, Guadalajara, Mexico, 2010.
470. Early sport specialization: Roots, effectiveness, risks. Invited lecture, Current Issues, The Young Athlete: Challenges of Growth, Development, and Society, Annual meeting, ACSM, Baltimore, MD, 2010.
471. Curso de Verão em Ciencia do Desporto (summer course in sport science), Faculty of Sport Sciences and Physical Education, University of Coimbra, invited lectures, Coimbra, Portugal, 2010.
 - Motor development and movement proficiency: Implications for physical activity, youth sports and childhood obesity
 - Health, fitness and behavioral benefits of physical activity for youth
 - Growth studies: Research questions, study designs, and methods

472. Motor development and movement proficiency: Implications for physical activity, youth sports and childhood obesity. Invited lecture, Universidade de Trás-os-Montes e Alto Douro, Centro de Investigação em Desporto, Saúde e Desenvolvimento Humano, Vila Real, Portugal, 2010.
473. Health benefits of physical activity for youth. Invited lecture, Simpósio Internacional, Promoção da Saúde e Actividade Física – Contributos para o Desenvolvimento Humano, Universidade de Trás-os-Montes e Alto Douro, Centro de Investigação em Desporto, Saúde e Desenvolvimento Humano, Vila Real, Portugal, 2010.
474. Emergence of overweight and obesity in rural indigenous children in Oaxaca: 1970s-2007. Invited lecture, XX Congreso Nacional de la Sociedad Mexicana de Médicos Militares Pediatras “Dr. Jesús Lozoya Solís” A.C., XII Congreso Estatal del Colegio de Pediatría del Estado de Oaxaca A.C., and I Congreso Internacional de Pediatría, Oaxaca, Mexico, 2010.
475. Principles of research in physical culture and sport: Research questions and methods. Invited seminar, Akademia Wychowania Fizycznego im Eugeniusza Piaseckiego (Eugene Piasecki Academy of Physical Education), Poznań, Poland, 2010.
476. Our physically active past: Implications for the present. Opening lecture, 17th Congress of the European Anthropological Association, Poznań; Poland, 2010.
477. Movement proficiency, physical activity, obesity, and youth sport. Invited lecture, 2nd joint meeting of the North American Society for Pediatric Exercise Medicine and the European Group for Pediatric Work Physiology, Niagara-on-the-Lake, Canada, 2010.
478. Anthropometry during the pubertal transition. Invited seminar, Department of Kinesiology, Pennsylvania State University, State College, PA, 2010.
479. Our physically active past: Implications for the present. Invited lecture, Polish Academy of Sciences, Institute of Anthropology, Wrocław, Poland, 2010.
480. University School of Physical Education/Akademia Wychowania Fizycznego, invited lectures, Wrocław, Poland, 2010:
Movement proficiency, physical activity, obesity and youth sports
Research methods in the study of growth and physical activity
Physical activity, fitness and health: methods of assessment and application
Health benefits of physical activity for youth
481. Early specialization in sport: Roots, effectiveness, risks. Invited lecture, Seminario scientifico, “La Pratica Sportiva Ottimale per I Giovani,” Università degli Studi di Roma “Foro Italico”, Rome, Italy, 2010.
482. In the world vision of youth sport, what does the world do? A personal perspective on youth sports. Invited lecture, Convegno Nazionale di Studio e Aggiornamento, “Athleticamente 2010”: L’Utopia del Talento, Abano Terme, Italy, 2010.
483. Body mass index: For better or worse. Invited lecture, Workshop on Measurement Strategies for Accelerating Progress in Obesity Prevention, Institute of Medicine of the National Academies, Beckman Center of the National Academies, Irvine, CA, 2011.
484. Factors that shape the health of children: Selected examples. Invited lecture, II Konferencja Jubileuszowa z okazji 20-lecia działalności Fundacji na Rzecz Dzieci Zagłębia Międzywojewódzkiego, XVII Międzynarodowa Konferencja Naukowa, Zdrowie Środowiskowe Dzieci z Uwzględnieniem Czynn timer Żywieniowych, Chemicznych i Metali Toksycznych (Children’s Health – Impact of Environment, Nutrition, Chemicals and Toxic Metals), Legnica, Poland, 2011.

485. Age and developmental status as factors in identifying measures of fitness: Implications of variation associated with growth and maturation. Committee on Fitness Measures and Health Outcomes in Youth, Institute of Medicine of the National Academies, Washington, DC, 2011.
486. Un panorama de la biología humana en Oaxaca de 1898 al presente (Human biology in Oaxaca between 1898 and the present: an overview). Plenary lecture, XVI Coloquio Internacional de Antropología Física Juan Comas, Asociación Mexicana de Antropología Biológica, Oaxaca, Mexico, 2011.
487. Age- and maturity-associated variation in body fat distribution. Invited lecture, The 2011 Pennington Biomedical Research Center Scientific Symposium, Adiposity in Children and Adolescents: Correlates and Clinical Consequences of Fat Stored in Specific Body Depots. Baton Rouge, LA, 2011.
488. Health benefits of physical activity for youth. Invited lecture, Sport and Exercise Science, University of Bath, Bath, United Kingdom, 2011.
489. Professor James M. Tanner and the sports sciences. Invited lecture, Society for the Study of Human Biology Annual Symposium: The Human Biology of Jim Tanner. Corpus Christi College, University of Cambridge, United Kingdom, 2011.
490. University School of Physical Education/Akademia Wychowania Fizycznego, Wrocław, Poland, lectures, 2012:
 - Overview of research methods - Research questions and methods
 - Overview of research methods - Anthropometry, body composition and the BMI
491. Promoting physical activity, fitness and sport among youth: Current status and the future. Invited lecture, Distinguished Lecture Series, Middle Tennessee State University, Murfreesboro, TN, 2012.
492. Early sport specialization: Background, Does it work? Invited lecture, Middle Tennessee State University, Murfreesboro, TN, 2012.
493. Energy expenditure in children and adolescents: Perspectives from growth and maturation. Youth Energy Expenditure Expert Workshop, Centers for Disease Control, Atlanta, GA, 2012.
494. Age group competitions and age verification. Invited lecture, Lawn Tennis Association, 2012 Pre-Wimbledon, Sports Medicine and Sports Science Conference, Parkstead House, Roehampton, UK, 2012.
495. Pubertal growth and maturation: Does training matter? Invited lecture, Lawn Tennis Association, 2012 Pre-Wimbledon, Sports Medicine and Sports Science Conference, Parkstead House, Roehampton, UK, 2012.
496. Faculty of Sport Science, University of Porto, and Curso de Verão em Ciencia do Desporto (summer course in sport science), Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, invited lectures, 2012.
 - Energy expenditure and physical activity: Perspectives from growth, maturation and development
 - Our physically active past: Implications for the present (Porto)
 - Physical activity, fitness and health of youth: Overview and questions (Coimbra)
 - Growth, maturation and performance of youth soccer players: Implications of recent research
 - Growth, maturation and performance of youth soccer players: Specific issues - theoretical and practical
497. Movement proficiency in childhood: Implications for physical activity and youth sport. Invited lecture, 6th Conference for Youth Sport hosted by the Faculty of Sport of the University of Ljubljana, Bled, Slovenia, 2012 (also presented at the Institute of Kinesiology Research, University of Primorska, Koper, Slovenia).
498. Getting children active and out: Outdoor play, movement proficiency and physical activity in childhood. Invited lecture, Seminar of the Rovio-Lappset-Reima Cooperative Launch, Rovaniemi, Finland, 2013.

499. Sport talent in youth: Concepts, development, and questions. Invited lecture, HAN University of Applied Sciences (Hogenschool van Arnhem en Nijmegen), Faculty of Health and Social Studies, Papendal, Arnhem, The Netherlands, 2013.
500. Youth sport: From the majority (all) to the minority (the elite). Invited, Groningen Lecture in Movement Sciences. University of Groningen, The Netherlands, 2013.
501. Children and adolescents in physical activity and sport: A personal perspective. Invited lecture, Pediatric Exercise Physiology Interest Group, Annual Meeting, American College of Sports Medicine, Indianapolis, IN, 2013.
502. Youth, sport, and physical activity. 2013 Josef Rutenfranz Lecture, XXVIII Pediatric Work Physiology Meeting, Anadia, Portugal, 2013.
503. Growth and maturation of youth athletes: Implications for parents and coaches. Invited lecture, American College of Sports Medicine, Sports Performance Conference Series: Developing the Healthy Young Athlete – The Public Health Challenge and Opportunity. Lake Buena Vista, FL, 2014.
504. Talent identification and development: Perspectives from the young athlete. Keynote lecture, Talent Identification Conference: “Identifying Champions”. ASPIRE Academy, Doha, Qatar, 2014.
505. Use of anthropometry in talent identification and development. Invited lecture, Talent Identification Conference: “Identifying Champions”. ASPIRE Academy, Doha, Qatar, 2014.
506. Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, invited lectures, Graduate programs in sport sciences, 2014.
 - Non-invasive estimates of maturation: Critical overview
 - Health benefits of physical activity during youth
 - Youth physical activity: Implications for adult physical activity and health
507. Body composition in health, nutrition and sport: Present in the context of the past. Opening lecture, 10th International Symposium on Body Composition: Linking Functional Body Composition to Nutrition, Exercise and Health. Cascais, Portugal, 2014.
508. Anthropometry during the pubertal transition: Methods and applications. Opening lecture, World Conference on Kinanthropometry, Universidad Catolica de Murcia, Murcia, Spain, 2014.
509. Children and adolescents in physical activity and sport: A personal perspective. Invited lecture, University of Malaga, Malaga, Spain, 2014.
510. Pediatric Exercise Medicine and Youth Athletes. Oded Bar-Or Memorial Lecture, North American Society for Pediatric Exercise Medicine (NASPEM), Minneapolis, 2014.
511. Performance in the context of growth and maturation. Invited lecture, 1st International Conference of Physical Education and Sport, on the occasion of the 25th anniversary of Universidad Nacional de La Matanza, Buenos Aires, Argentina, 2014.
512. Growth and maturity status of youth athletes. Invited lecture, workshop on high performance sport, hosted by Ente Nacional de Alto Rendimiento Deportivo (ENARD), Buenos Aires, Argentina, 2014.
513. Systematic training for sport: Does it influence growth and maturation. Invited lecture, workshop on high performance sport, hosted by Ente Nacional de Alto Rendimiento Deportivo (ENARD), Buenos Aires, Argentina, 2014.

514. Biological maturity status and timing in youth athletes: Assessment and implications. IOC Consensus Meeting on Youth Athletic Development, International Olympic Committee, Medical and Scientific Department, Lausanne, Switzerland, 2014.
515. Sport talent in youth: Concepts, development, and questions. Lecture, Escuela Nacional de Antropología e Historia (ENAH), Mexico City, DF, Mexico, 2014.
516. Assessment of maturity status and timing: Implications for the development of youth soccer players. Lecture, Undergraduate program in Sport Sciences, Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, 2014.
517. Youth, sport, and physical activity. Lecture, Graduate program in Sport Sciences, Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, 2014.
518. Talent identification and development: Perspectives from the youth athlete. Keynote lecture, 8th International Congress of Physical Education and Sport Sciences, hosted by the Sport Science Research Institute, Tehran, Islamic Republic of Iran, 2015.
519. Performance of youth in the context of growth and maturation. Invited lecture/workshop, 8th International Congress of Physical Education and Sport Sciences, hosted by the Sport Science Research Institute, Tehran, Islamic Republic of Iran, 2015.
520. Re-imagining school sport. Keynote lecture, Pre-conference workshop, 2015 National Conference, Physical and Health Education Canada, Banff, Alberta, Canada, 2015.
521. What do youth want from sport? Invited lecture, Pre-conference workshop, 2015 National Conference, Physical and Health Education Canada, Banff, Alberta, Canada, 2015.
522. Early specialization in sport: Roots, effectiveness, and risks. Lecture, Master's program in Sport Sciences, Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, 2015.
523. Motor proficiency and inclusive physical education. Invited lecture, Early Childhood and Special Needs Education and Physical Education and Sport Science Academic Groups, National Institute of Education, Singapore, 2015.
524. Physical activity and physical inactivity among children and adolescents: Trends and correlates. Lecture, The 19th International Symposium of the International Consortium for Social Development, Singapore Institute of Management (SIM) University, Singapore, 2015.
525. Daily life of youth from an indigenous subsistence agricultural community in southern Mexico. Lecture, The 19th International Symposium of the International Consortium for Social Development, Singapore Institute of Management (SIM) University, Singapore, 2015.
526. Human biology research in Oaxaca, southern Mexico: An historical overview. Invited lecture, 45th Bi-annual Conference of the Polish Anthropological Association, Adam Mickiewicz University, Poznań, Poland, 2015.
527. Children and adolescents in physical activity and sport: A personal perspective. Invited lecture, University School of Physical Education/Akademia Wychowania Fizycznego, Wrocław, Poland, 2015.
528. Movement proficiency and talent development in sport. Invited lecture, 1st International Scientific Conference: Motor Ability in Sports – Theoretical Assumptions and Practical Implications, Bronislaw Czech University School of Physical Education/ Akademia Wychowania Fizycznego im. Bronisława Czecha, Kraków, Poland, 2015.
529. A personal perspective on children and adolescents in physical activity and sport. Invited seminar, hosted by the Netter Center for Community Partnerships, University of Pennsylvania, Philadelphia, 2015.

530. Re-imagining youth sport. Keynote lecture, Philadelphia Higher Education Network for Neighborhood Development (PHENND), Fall meeting: Connecting Youth Sports to Higher Education, University of Pennsylvania, Philadelphia, 2015.
531. Youth sports – from the majority (sport for all) to the minority (the elite). Invited short course, National Institute of Anthropology and History/Escuela Nacional de Antropología e Historia, Postgraduate Program in Physical Anthropology, Mexico City, DF, Mexico, 2015:
 Historical overview, participation statistics
 Youth sports: Time, motives, objectives
 Sport talent in youth: Concepts and questions
 Early sport specialization: Roots, effectiveness, risks
 Growth and maturation: Measurement and Assessment
 Performance in the context of growth and maturation
 Growth and maturity status of youth athletes
 Systematic training for sport: Does it influence growth and maturation?
 Age group competitions and age verification
532. Training of youth athletes: Talent, readiness, trainability and specialization. Invited lecture, Preparação Olímpica: Percursos e Contextos, Portuguese Olympic Committee, Oeiras, Portugal; also presented at the Master's program in Sport Sciences, Faculty of Sport Sciences and Physical Education, University of Coimbra, 2016.
533. Youth physical activity and fitness: Implications for adult activity, fitness and health. Invited plenary lecture, Man-Food-Health: 1st International Conference, hosted by Uniwersytet Medyczny im. Piastów Śląskich we Wrocławiu and Uniwersytet Przyrodniczy we Wrocławiu, Wrocław, Poland, 2016.
534. Body composition in health, nutrition and physical activity: The present in the context of the past. Invited lecture, Department of Anthropology, Faculty of Biology, Adam Mickiewicz University, Poznań, Poland, 2016.
535. Youth athletes: Growth and maturation, and the effects of training. Invited lecture, Conference on Biological, Pedagogical and Systems of Sports Training, University School of Physical Education - Akademia Wychowania Fizycznego im. Eugeniusza Piaseckiego, Poznań, Poland, 2016.
536. Growth and maturation of youth football players – trends and issues. Keynote address, Premier League Performance Leadership Journey, Silverstone, UK, 2016.
537. Sport specialization: Selectivity and persistence, consequences for youth. Symposium: The Physiologic Interactions of Growth, Maturation and Sport, Annual meeting, American College of Sports Medicine, Boston, 2016.
538. Motor development: The backdrop of physical growth and biological maturation. Invited lecture, Second Assembly of the International Consortium on Motor Development Research, University of South Carolina, Columbia, 2016.

MASTER'S THESES SUPERVISED:

1. John D. Holman, 1969. "THE RELATIONSHIP BETWEEN PARENT SIZE AND GROWTH STATUS OF OFFSPRING." (Physical Anthropology, University of Texas at Austin)
2. Al. B. Wesolowsky, 1971. "AN ANALYSIS OF THE HUMAN SKELETAL REMAINS FROM THE LERNA HOLLOW CEMETERY, ANCIENT CORINTH, GREECE." (Physical Anthropology, University of Texas at Austin)
3. Anthony N. Zavaleta, 1973. "GROWTH OF SCHOOL AGE MEXICAN AMERICAN CHILDREN OF

- BROWNSVILLE, TEXAS." (Physical Anthropology, University of Texas at Austin)
4. Glen H. Doran, 1974. "THE LONG BONES OF TEXAS INDIANS." (Physical Anthropology, University of Texas at Austin)
 5. William C. Chumlea, 1976. "HEIGHT, WEIGHT AND AGE AT MENARCHE OF A SELECTED POPULATION OF DEAF GIRLS AT THE TEXAS SCHOOL FOR THE DEAF." (Physical Anthropology, University of Texas at Austin)
 6. Karan A.J. Moss, 1976. "AGE AT MENARCHE AND FAMILY CHARACTERISTICS OF INTERSCHOLASTIC SPORTS PARTICIPANTS AND NONPARTICIPANTS." (Physical Education, University of Texas at Austin)
 7. Melissa C. Keane, 1977. "CORTICAL BONE GROWTH OF THE SECOND METACARPAL IN PHILADELPHIA BLACK AND WHITE CHILDREN." (Physical Anthropology, University of Texas at Austin)
 8. Lee Richards Chickering, 1977. "THE OCCURRENCE OF BRACHYMESOPHALANGIA AND CONE-SHAPED EPIPHYSES IN A SAMPLE OF OAXACAN SCHOOL CHILDREN." (Physical Anthropology, University of Texas at Austin)
 9. Laura R. Kreitzer Amdurer, 1978. "NUTRITION IN A ZAPOTEC-SPEAKING RURAL COMMUNITY, OAXACA, MEXICO." (Physical Anthropology, University of Texas at Austin)
 10. Bruce W. Meleski, 1978. "BODY SIZE AND CORTICAL BONE DIMENSIONS OF THE SECOND METACARPAL IN CANADIAN HOCKEY PLAYERS 10 THROUGH 12 YEARS OF AGE." (Physical Anthropology, University of Texas at Austin)
 11. Richard F. Shoup, 1978. "ANTHROPOMETRIC AND PHYSIQUE CHARACTERISTICS IN BLACK, MEXICAN AMERICAN AND WHITE FEMALE HIGH SCHOOL ATHLETES IN THREE SPORTS." (Physical Anthropology, University of Texas at Austin)
 12. William J. Kopplin, 1981. "THEORIES OF AGING: AN ANTHROPOLOGICAL PERSPECTIVE." (Physical Anthropology, University of Texas at Austin)
 13. Masaki Moriyama, 1981. "HEIGHT, WEIGHT AND AGE AT MENARCHE OF JAPANESE GIRLS: EXAMINATION OF THE CRITICAL WEIGHT HYPOTHESIS AND AN APPLICATION OF PATH ANALYSIS." (Physical Anthropology, University of Texas at Austin)
 14. Anne E. Davison, 1981. "THE AGE AT MENARCHE AND SELECTED FAMILIAL AND MENSTRUAL CHARACTERISTICS OF HIGH SCHOOL VARSITY ATHLETES." (Physical Anthropology, University of Texas at Austin)
 15. John E. Hugg, 1981. "SIBLING SIMILARITIES IN SECOND METACARPAL DIMENSIONS OF BLACK AND WHITE PHILADELPHIA SCHOOL CHILDREN." (Physical Anthropology, University of Texas at Austin)
 16. Peggy A. Schulz Sorenson, 1981. "THE FREQUENCY OF OBESITY, AS INDICATED BY THE THREE CRITERIA, AMONG CHILDREN FROM THE THREE ETHNIC GROUPS." (Physical Anthropology, University of Texas at Austin)
 17. Barbara Anne Winkler, 1982. "WILD PLANT FOODS OF THE DESERT GATHERERS OF WEST TEXAS, NEW MEXICO AND NORTHERN MEXICO: SOME NUTRITIONAL VALUES." (Physical Anthropology, University of Texas at Austin)
 18. Rita Elfride Wellens, 1984. "THE INFLUENCE OF SOCIOCULTURAL VARIABLES AND SPORTS

PARTICIPATION ON THE AGE AT MENARCHE OF FLEMISH GIRLS." (Physical Anthropology, University of Texas at Austin)

19. Jennifer Ann Reid, 1986. "FEMALE EDUCATION: A DEVELOPMENT TOOL CAPABLE OF REDUCING FERTILITY IN LATIN AMERICA." (Latin American Studies, University of Texas at Austin)
20. Cynthia Dale Corman, 1987. "AN ANTHROPOLOGICAL PERSPECTIVE OF ALCOHOLISM: A CRITICAL REVIEW OF THE LITERATURE IN THE AREAS OF GENETICS, METABOLISM, PSYCHOLOGY, MORBIDITY AND MORTALITY." (Physical Anthropology, University of Texas at Austin)
21. Adam J. Connor, 1988. "A BRIEF REVIEW OF THE ANALYTICAL BASIS FOR TWIN STUDIES OF GENETIC AND ENVIRONMENTAL FACTORS." (Physical Anthropology, University of Texas at Austin)
22. Michael F. Skrabanek, 1988. "GROWTH AND MATURITY STATUS OF OVERWEIGHT/OBESE CHILDREN 6 THROUGH 12 YEARS OF AGE." (Physical Anthropology, University of Texas at Austin)
23. David J. Eveld, 1989. "AEROBIC POWER RELATED TO BODY SIZE AND MATURATION IN A MIXED-LONGITUDINAL SAMPLE OF ACTIVE POLISH CHILDREN 11-14 YEARS OF AGE." (Physical Anthropology, University of Texas at Austin)
24. Joseph F. Powell, 1989. "AN EPIDEMIOLOGICAL ANALYSIS OF MORTALITY AND MORBIDITY IN FIVE LATE PREHISTORIC POPULATIONS FROM THE UPPER AND CENTRAL TEXAS COAST." (Physical Anthropology, University of Texas at Austin)
25. Maria Eugenia Peña Reyes, 1990. "APPLICATION OF THE FELS METHOD OF ASSESSING SKELETAL MATURITY OF THE HAND-WRIST TO MEXICAN CHILDREN." (Physical Anthropology, University of Texas at Austin)
26. Diana M.S. Merrett, 1992. "ANTHROPOMETRIC CORRELATES OF MOTOR PERFORMANCE IN PRESCHOOL CHILDREN." (Kinesiology, University of Texas at Austin)
27. Shannon R. Siegel, 1995. "GROWTH AND MATURITY STATUS OF FEMALE SOCCER PLAYERS FROM LATE CHILDHOOD THROUGH EARLY ADULTHOOD." (Kinesiology, University of Texas at Austin)

DOCTORAL DISSERTATIONS SUPERVISED:

1. John H. Himes, 1975. "CORTICAL BONE GROWTH AND RELATIONSHIPS WITH BODY SIZE IN GUATEMALAN PRESCHOOL CHILDREN WITH MILD TO MODERATE PROTEIN-CALORIE MALNUTRITION." (Physical Anthropology, University of Texas at Austin)
2. William H. Mueller, 1975. "PARENT-CHILD AND SIBLING CORRELATIONS AND HERITABILITY OF BODY MEASUREMENTS IN A RURAL COLOMBIAN POPULATION." (with R.M. Reid, Physical Anthropology, University of Texas at Austin)
3. Elizabeth A. Schnabl Dickey, 1976. "PARENTAL INFLUENCES ON THE THROWING AND JUMPING DEVELOPMENT OF THREE, FOUR, AND FIVE-YEAR OLDS." (Physical Education, University of Texas at Austin)
4. Anthony N. Zavaleta, 1976. "DENSITOMETRIC ESTIMATES OF BODY COMPOSITION IN MEXICAN AMERICAN BOYS." (Physical Anthropology, University of Texas at Austin)
5. Claude Bouchard, 1977. "UNIVARIATE AND MULTIVARIATE GENETIC ANALYSIS OF ANTHROPOMETRIC AND PHYSIQUE CHARACTERISTICS OF FRENCH CANADIAN FAMILIES." (Physical Anthropology, University of Texas at Austin)

6. Rebecca A. Lane, 1977. "THE ALLEGHANY SENECA: A TEST OF THE GENETIC RELIABILITY OF NONMETRIC OSTEOLOGICAL TRAITS FOR INTRA-POPULATION ANALYSIS." (with R.M. Reid, Physical Anthropology, University of Texas at Austin)
7. Ann Bennett, 1978. "THE EFFECTS OF NONSUPPRESSIBLE INSULIN-LIKE PROTEIN ON BONE METABOLISM." (Physical Anthropology, University of Texas at Austin) - deceased
8. William C. Chumlea, 1978. "THE GROWTH OF THE LONG BONES IN THE HAND OF CHILDREN WITH DOWN'S SYNDROME." (Physical Anthropology, University of Texas at Austin)
9. Jeannie F. Boatler, 1980. "THE GENETIC DEMOGRAPHY OF A RURAL POLISH IMMIGRANT COMMUNITY IN TEXAS." (Physical Anthropology, University of Texas at Austin)
10. Peter H. Buschang, 1980. "GROWTH STATUS AND RATE IN SCHOOL CHILDREN 6 THROUGH 13 YEARS OF AGE IN A RURAL ZAPOTEC-SPEAKING COMMUNITY IN THE VALLEY OF OAXACA, MEXICO." (Physical Anthropology, University of Texas at Austin)
11. Bruce W. Meleski, 1980. "GROWTH, MATURITY, BODY COMPOSITION, AND FAMILIAL CHARACTERISTICS OF COMPETITIVE SWIMMERS 8 TO 18 YEARS OF AGE." (Physical Anthropology, University of Texas at Austin)
12. Bertis B. Little, 1983. "SIBLING SIMILARITY IN GROWTH STATUS AND RATE AMONG SCHOOL CHILDREN IN A RURAL ZAPOTEC COMMUNITY IN THE VALLEY OF OAXACA, MEXICO." (Physical Anthropology, University of Texas at Austin)
13. Kathryn H. Brown, 1984. "GROWTH, PHYSIQUE AND AGE AT MENARCHE OF MEXICAN AMERICAN FEMALES AGE 12 THROUGH 17 YEARS RESIDING IN SAN DIEGO COUNTY, CALIFORNIA." (Physical Anthropology, University of Texas at Austin)
14. Kenneth H. Fliess, 1986. "THE HISTORICAL AND GENETIC DEMOGRAPHY OF THE WENDS OF SERBIN, TEXAS, 1854 TO 1920." (Physical Anthropology, University of Texas at Austin) - deceased
15. Lorraine P. Saunders, 1986. "BIOLOGICAL AFFINITIES AMONG HISTORIC SENECA GROUPS AND POSSIBLE PRECURSIVE POPULATIONS." (Physical Anthropology, University of Texas at Austin)
16. Marilyn Mardiros, 1987. "UNDERSTANDING PARENTS OF CHILDREN WITH DISABILITIES: DEVELOPING A MEANING CENTERED APPROACH." (Physical Anthropology, University of Texas at Austin)
17. Richard F. Shoup, 1987. "GROWTH AND AGING IN THE MANUS OF PERE VILLAGE, MANUS PROVINCE, PAPUA NEW GUINEA: A MIXED-LONGITUDINAL AND SECULAR PERSPECTIVE." (Physical Anthropology, University of Texas at Austin)
18. Maria Beatriz Rocha Ferreira, 1987. "GROWTH, PHYSICAL PERFORMANCE AND PSYCHOLOGICAL CHARACTERISTICS OF EIGHT YEAR OLD BRAZILIAN SCHOOL CHILDREN FROM LOW SOCIOECONOMIC BACKGROUND." (Physical Anthropology, University of Texas at Austin)
19. Gloria Luyas Swinney, 1988. "THE BIOCULTURAL CONTEXT OF LOW-INCOME MEXICAN AMERICAN WOMEN WITH TYPE II NON-INSULIN DEPENDENT DIABETES AND ITS IMPLICATIONS FOR HEALTH CARE DELIVERY." (Physical Anthropology, University of Texas at Austin) - deceased
20. Rita Elfride Wellens, 1989. "ACTIVITY AS A TEMPERAMENTAL TRAIT: RELATIONSHIP TO PHYSIQUE, ENERGY EXPENDITURE AND PHYSICAL ACTIVITY HABITS IN YOUNG ADULTS." (Physical Anthropology, University of Texas at Austin)

21. George Eugene Olds, 1992. "DIFFERENTIAL DENTINAL DEVELOPMENT IN ANGLO AND MEXICAN AMERICAN TEN YEAR OLD CHILDREN." (Physical Anthropology, University of Texas at Austin) - deceased
22. Yi-Ching Huang, 1994. "RELATIONSHIP OF SOCIODEMOGRAPHIC AND PHYSICAL ACTIVITY VARIABLES TO PHYSICAL FITNESS OF TAIWANESE JUNIOR HIGH SCHOOL STUDENTS." (Health Education, Health and Human Development, University of Texas at Austin)
23. Jose Jacinto B. Vasconcelos Raposo, 1994. "OS FACTORES PSICO-SOCIO-CULTURAIS QUE INFLUENCIAM E DETERMINAM A BUSCA DA EXCELENCIA PELOS ATLETAS DA ELITE DESPORTIVA PORTUGUESA" (Psycho-social-cultural factors that influence and determine the search for excellence among Portuguese elite athletes). (Doctor of Physical Education and Sport, Universidade de Tras-Os-Montes e Alto Duro, Portugal, co-promoter with Francisco Sobral, Universidade de Coimbra, Portugal).
24. Maymie Jean Eschwey, 1994. "THE RELATIONSHIP OF ACCULTURATION TO THE GROWTH STATUS OF MEXICAN AMERICAN CHILDREN 6 THROUGH 12 YEARS OF AGE RESIDING IN MINNESOTA." (Physical Anthropology, University of Texas at Austin) - deceased
25. Christina Antonie Geithner, 1995. "SOMATIC GROWTH, MATURATION, AND SUBMAXIMAL POWER OUTPUT OF POLISH ADOLESCENTS: A LONGITUDINAL STUDY." (Kinesiology, Exercise Science, University of Texas at Austin)
26. Riggs Joseph Klika, 1995. "GROWTH, MATURITY, AND MOTOR CHARACTERISTICS OF COMPETITIVE ALPINE SKIERS AGED 8-18 YEARS." (Kinesiology, Exercise Science, University of Texas at Austin)
27. Randa Catherine Ryan, 1996. "MENSTRUAL STATUS IN ELITE FEMALE ATHLETES: AN EVALUATION OF MULTIPLE SPORTS." (Health Education, Health and Human Development, University of Texas at Austin)
28. Amelie Bartolino, 1996. "SALIVARY HORMONAL LEVELS, ANXIETY, AND SELF-CONFIDENCE INDICES IN COLLEGIATE FOOTBALL AND BASKETBALL PLAYERS OVER A SEASON OF PLAY." (Physical Anthropology, University of Texas at Austin)
29. Kathleen Irwin Kujawa, 1997. "SKELETAL MATURATION IN BOYS: COMPARISON OF METHODS AND RELATIONSHIPS TO ANTHROPOMETRY AND STRENGTH." (Kinesiology, Exercise Science, University of Texas at Austin)
30. Peter Todd Katzmarzyk, 1997. "A FAMILIAL STUDY OF GROWTH AND HEALTH-RELATED FITNESS AMONG CANADIANS OF ABORIGINAL AND EUROPEAN ANCESTRY." (Kinesiology, Michigan State University)
31. Rosane Carla Rosendo da Silva, 1998. "CORONARY HEART DISEASE RISK FACTORS AND HEALTH-RELATED FITNESS OF ADOLESCENTS IN NITEROI, RIO DE JANEIRO, BRAZIL." (Kinesiology, Michigan State University)
32. Shannon R. Siegel, 1999. "PATTERNS OF SPORT PARTICIPATION AND PHYSICAL ACTIVITY IN MEXICAN YOUTH." (Kinesiology, Michigan State University)
33. Reshma Babra Naidoo, 1999. "THE EFFECT OF SOCIOECONOMIC STATUS, ETHNICITY, AND NUTRITIONAL STATUS ON THE GROWTH AND PHYSICAL FITNESS OF 10 YEAR OLD SOUTH AFRICAN BOYS." (Kinesiology, Michigan State University)
34. Eva Ann Vadocz, 1999. "A PSYCHOBIOLOGICAL PROFILE OF ADOLESCENT COMPETITIVE FIGURE SKATERS." (Kinesiology, Michigan State University)

35. Joey C. Eisenmann, 2000. "BLOOD LIPIDS AND PEAK OXYGEN CONSUMPTION IN YOUNG DISTANCE RUNNERS." (Kinesiology, Michigan State University)
36. Maria Isabel Martins Mourão Carvalho, 2000. "EFEITO DA INTERACCAO DAS VARIÁVEIS SOCIO-CULTURAIS, BIOLÓGICAS E MOTORAS NA PRESTACAO DAS HABILIDADES CORRIDA, LANCAMENTO, SALTO E PONTAPE EM CRIANCAS DE 7 E 8 ANOS DE IDADE" (Interactions of sociocultural, biological and motor variables on the performances of children 7 and 8 years of age in running, throwing, jumping and kicking). (Doctor of Physical Education and Sport, Universidade de Tras-Os-Montes e Alto Duro, Portugal; co-promoter with Jose Jacinto B. Vasconcelos Raposo, Universidade de Tras-Os-Montes e Alto Duro, Portugal)
37. Manuel João Cerdeira Coelho e Silva, 2002. "MORFOLOGIA E ESTILO DE VIDA NA ADOLESCENCIA: UM ESTUDO EM ADOLESCENTES ESCOLARES DO DISTRITO DE COIMBRA" (Morphology and lifestyle in adolescence: A study of school adolescents from the District of Coimbra). (Doctor of Sports Science and Physical Education, Universidade de Coimbra, Coimbra, Portugal; co-promoter with Francisco Sobral, Universidade de Coimbra, Portugal)
38. Maria Eugenia Peña Reyes, 2002. "GROWTH STATUS AND PHYSICAL FITNESS OF PRIMARY SCHOOL CHILDREN IN AN URBAN AND A RURAL COMMUNITY IN OAXACA, SOUTHERN MEXICO." (Kinesiology, Michigan State University)
39. Tan Swee Kheng, 2002. "ANTHROPOMETRY, PHYSIQUE, AND PHYSICAL FITNESS OF 6 TO 11 YEAR OLD CHILDREN FROM A RURAL AND AN URBAN COMMUNITY IN OAXACA, SOUTHERN MEXICO." (Kinesiology, Michigan State University)
40. Peter J. Morano, 2003. "INJURY IN YOUTH FOOTBALL: PREVALENCE, INCIDENCE, AND BIOLOGICAL RISK FACTORS." (Kinesiology, Michigan State University)
41. Rebecca Ann Battista, 2004. "THE RELATIONSHIP BETWEEN PHYSICAL CHARACTERISTICS AND 2K PERFORMANCE OF FEMALE COLLEGIATE ROWERS." (Kinesiology, Michigan State University; co-promoter with James M. Pivarnik, Michigan State University).
42. Lois Anne Kaminski, 2004. "CENTRAL NERVOUS SYSTEM ADAPTATION TO EXERCISE TRAINING." (Kinesiology, Michigan State University; co-promoter with Stephen Schneider and Christopher J. Womack, Michigan State University).
43. Antonio Jose Barata Figueiredo, 2008. "MORFOLOGIA, CRESCIMENTO PUBERTARIO E PREPARACAO DESPORTIVA – ESTUDO EM JOVENS FUTEBOLISTAS DOS 11 AOS 15 ANOS" (Growth, Maturation and Training – A Study of Youth Soccer Players 11-15 Years of Age). (Doctor of Sports Science and Physical Education, Universidade de Coimbra, Coimbra, Portugal; co-promoter with Manuel Joao Coelho e Silva, Universidade de Coimbra, Portugal).
44. João Alberto Valente dos Santos, 2014. "BODY SIZE, COMPOSITION, CARDIAC MORPHOLOGY AND FUNCTIONAL CAPACITIES: SCALING AND MODELLING DEVELOPMENTAL CHANGES DURING THE PUBERTAL YEARS. (Doctor of Sport Sciences in the branch of Sports Training, Universidade de Coimbra, Coimbra, Portugal; co-promoter with Manuel Joao Coelho e Silva, Universidade de Coimbra, Portugal, and Marije T. Elferink-Gemser, University of Groningen, The Netherlands).