31 October 2022

MALINA, Robert Marion

PERSONAL:
Date of Birth 19 September 1937
Place of birth Williamsburg, Brooklyn, New York, USA
Married Eva Anne Stell
Children Robert Frederick, Eva Elizabeth, Stephen Howard

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PRESENT AFFILIATIONS:

Professor Emeritus, Department of Kinesiology and Health Education, University of Texas at Austin

Adjunct Professor, School of Public Health and Information Sciences, University of Louisville, Louisville, Kentucky

EDUCATION:

B.S., 1959, Physical Education, Manhattan College, Riverdale, NY
Funded in part by scholarship support from the Kosciuszko Foundation, New York, NY
M.S., 1960, Physical Education, University of Wisconsin, Madison
Funded by a Knapp Fellowship
Ph.D., 1963, Physical Education, University of Wisconsin, Madison
Funded in part by a Knapp Fellowship
Dissertation: Performance changes in a speed-accuracy task as a function of practice under different conditions of information feedback. Major Professor: G. Lawrence Rarick
Ph.D., 1968, Anthropology, University of Pennsylvania, Philadelphia
Funded by U.S. Public Health Service training grant 5-D1-TE-109-01-05
Dissertation: Growth, maturation, and performance of Philadelphia Negro and White elementary school children. Major Professor: Wilton M. Krogman

ACADEMIC POSITIONS (chronologically):

Department of Anthropology, University of Texas at Austin, 1967-1989 (primary appointment), 1989-1995 (joint appointment with Kinesiology and Health Education)
Department of Kinesiology and Health Education, University of Texas at Austin, 1973-1989 (joint appointment with Anthropology), 1989-1995 (primary appointment)
Department of Kinesiology, Michigan State University, 1995-2002 (primary appointment); Department of Anthropology (adjunct professor); retired 2002
Professor Emeritus, Department of Kinesiology and Health Education, University of Texas at Austin, 2007
Research Professor, Department of Kinesiology, Tarleton State University, 2002-2015
Adjunct Professor, School of Public Health and Information Sciences, University of Louisville, 2016-

ADMINISTRATIVE POSITIONS:

Institute of Latin American Studies, University of Texas,
Acting Associate Director, 1977-1978; Associate Director, 1980-1986; Acting Director, Fall 1982

Institute for the Study of Youth Sports, Michigan State University,
Director, 1995-2001

VISITING ACADEMIC POSITIONS:

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

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, Leuven, Belgium, April 27, 1989

Doctor Honoris Causa, Akademia Wychowania Fizycznego im. Bronisława Czecha w Krakowie, Kraków/Bronisław Czech University School of Physical Education in Cracow, Poland, October 16, 2001

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

Doctor Honoris Causa, Faculdade de Ciencias do Desporto e Educaçcão Fisica, Universidade de Coimbra/Faculty of Sport Sciences and Physical Education, University of Coimbra, Coimbra, Portugal, July 8, 2008

Doctor Honoris Causa, Akademii Wychowania Fizycznego im. Eugeniusza Piaseckiego w Poznaniu/Eugenius Piasecki University of Physical Education in Poznań, Poland, October 11, 2022

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.

TRIBUTE

E. Mleczko: Problematyka nauki o sporcie w dorobku badawczym amerykańskiego wybitnego antropologa i kinezjologa, Profesora Roberta Mariona Maliny (Problems of sports science in studies of the eminent anthropologist and kinesiologist, Professor Robert Marion Malina). Monografia nr. 31, Motoryczność Sportowa – Założenia Teoretyczne i Implikacjie Praktyczne, edited by E. Mleczko, M. Spiesznego and T. Klocka. Akademia Wychowania Fizycznego im. Bronisława Czecha w Krakowie, Kraków, Poland, 2016, pp. 25-49.

ACADEMIC HONORS

Polish Academy of Sciences, Division II - Biological Sciences, Foreign Member, Warsaw, May 1991; diploma awarded by the Ambassador of the Republic of Poland, Washington, D.C., September 1991
Distinguished Fellow, Kosciuszko Foundation Collegium of Eminent Scientists of Polish Origin and Ancestry, April, 2014

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

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
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 (now American Association of Biological 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. Philadephia Center for Research in Child Growth, Children's Hopsital 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, 1979, Institute of Latin 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.

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. Collaborative research activities in human growth and human biology, Institute of Anthropology of the Polish Academy of Sciences; now Department of Anthropology, Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wrocław, Poland, early 1980s - ongoing

10. Growth, maturation and aging of Manus (Papua New Guinea) in a mixed-longitudinal and secular perspective, National Science Foundation, Grant BNS 8004316, 1980-1982.

11. Study of skeletal remains at La Galgada, Peru: a preceramic culture in transition, 1981-1982.

12. Anthropometric symmetry in undernourished children. Biological Humanics Foundation, Dallas, TX, contract, Summer/Fall 1984.

13. 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.

14. Family background, physique and body composition of female intercollegiate athletes. Department of Intercollegiate Athletics for Women, University of Texas at Austin, 1985-1995.

15. Sport participation and physical activity in urban Mexican youth, funded by the International Education Program, Michigan State University, 1997-1999.

16. Risk factors for injury in youth football, National Athletic Trainers' Association, Research and Education Foundation, grant # 300R001, 2000-2002.

17. 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 -2011.

18. Growth, maturation, functional capacity and sport-specific skills of youth athletes (primarily soccer). Collaborative research with the Faculty of Physical Education and Sport, University of Coimbra, Coimbra, Portugal, 2002 - present.

19. 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.

20. Functional capacities of aging adults. Collaborative research with the University School of Physical Education, Wrocław, Poland, 2012 - present.

21. Growth and maturity status of youth athletes (field hockey, soccer). Collaborative research with the University School of Physical Education, Poznań, Poland, 2017- present.

22. Secular changes in the growth status and fitness of Polish youth, 1986-2016. Collaborative research with the University School of Physical Education, Poznań, Poland, 2018 – 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, physical activity and 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 undernutrition, overweight, obesity
Youth sports, growth and maturation of young athletes, talent development
Women in sport, with emphasis on physique, body composition, menarche and 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/Journal of Biological and Clinical Anthropology, 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-
Advisory 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 Ciencias do Desporto, Portugal, 2005-
Editorial Board, Italian Journal of Sport Sciences, 2005-
Editorial Board, External, Revista Brasileira de Ciencia e Movimento, Escola Superior de Educacao Fisica de Sao Caetano do Sul and Centro de Estudos do Laboratorio de Aptidao Fisica de Sao Caetano do Sul, Brazil, 1987 -
Editorial Board, Cuicuilco, quarterly publication of Escuela Nacional de Antropologia e History (National School of Anthropology and History), Mexico City, DF, 1994-
Editorial Board, Identidades: Revista de Educacion y Cultura, Fondo Editorial de la Unidad de Proyectos Estrategicos, 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.

PROFESSIONAL ACTIVITIES: ELECTED OFFICES

Human Biology Council, Secretary-Treasurer, 1977-1980 (now Human Biology Association)
Human Biology Council, President, 1984-1986 (now Human Biology Association)
National Academy of Kinesiology, President-elect, 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, 2018-2020, 2020-2022
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.
National Basketball Association and USA Basketball, NBA & USA Basketball – Youth Basketball Working Group on Player Health and Wellness, 2016-

COURSES TAUGHT: UNIVERSITY OF TEXAS AT AUSTIN

1. Anthropology
   a. Undergraduate
      Introductory physical anthropology
      Human osteology/skeletal biology of earlier populations
      The concept of race
      Human physical growth and maturation
      Human adaptability
      Motor development
      Youth sports: Biosocial perspectives on competitive sports during childhood and youth
   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, University of Physical Education, Poznań; Poland
Sylwia Bartkowiak, Department of Theory of Sport, University 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. Skinfolds 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)

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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 Morphometircs: 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 anthropologiccal 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. Invited lecture, 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. Invited lecture, 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, Jabłonna, 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. Invited lecture, Sympozjum Sekularne Zmiany w Stanie Fizycznym Populacji i Ocena Ich Znaczenia, Polska Akademia Nauk, Zakład Antropologii (Polish Academy of Science, Institute of Anthropology), Wrocław, Poland, 1977. (Also presented at the Józef Piłsudski University of Physical Education [Akademia Wychowania Fizycznego im. Józefa Piłsudskiego], 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. Invited lecture, Institute of Anthropology, Adam Mickiewicz University, 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. Invited lectures, V Congresso Brasileiro de Medicina Desportiva, IV Jornada Internacional de Medicina Desportiva, Sao Paulo, Brazil, 1979.

76. Children of Latin America. Invited lecture, Meeting of the National Council of Community World Affairs Organizations, Wingspread Conference Center, Racine, WI, 1979.

77. Health and nutrition in rural contemporary Guatemala. Invited lecture, Texas Cultural Alliance, Austin, TX, 1979.

78. NATO Advanced Study Institute, Methodologies for Analyzing Human Growth and Development, Urbino/Sogesta, Italy, 1979, invited lectures:
    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, invited lectures:
    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, invited lectures:
    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. Invited lecture, 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. Invited lecture, Symposium on Secular Trends, Second Congress of the European Anthropological Association, Brno, Czechoslovakia, 1980.

87. Studies of Olympic and other athletes. Invited 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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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. 15eme Colloque des Anthropologistes de Langue Francaise, Brussels, Belgium, 1981, invited lectures:
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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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. Maturational 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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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. Invited 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. Invited lecture, 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. Invited lecture, 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. Invited 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. Invited lecture, 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. Invited lecture, 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. Invited lecture, 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, and 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, invited lectures sponsored by the International Affair Unit, Sports Council of Great Britain:
Youth fitness and adult health concerns
Youth sports: readiness, selection, and trainability

196. Youth sports: readiness, selection, and trainability, School of Education, Exeter University, Exeter, 1991, invited lecture 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, 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 VO_2 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", Bronisław Czech 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 Sportraumatology), 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 Ejercisio and XLII Jornadas Chilenas de Medicine 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 Medicine y Ciencias Aplicadas al Deporte y a la Education Fisica, Armenia, Quindio, 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 Ejercisio and XLIII Jornadas Chilenas de Medicine 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, Garraham 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, Interdiscplinary 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 Nurticion, 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 Fisica e Esporte, Universidade de São Paulo, São Paulo, Brazil, 2001.

331. IV Workshop, Atividade Fisica e Adaptacao (Physical activity and adaptation), Faculdade de Educação Fisica, 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. Bronisława Czecha/Bronisław Czech Academy of Physical Education, Kraków, 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 Fisica, 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 Attivita Motorie in Ambiente Estremo (Physiology, Nutrition and Physical Preparation for Motor Activity in Extreme Environments), Facolta di Scienze Motorie e Dipartimento di Biochimica, Universita 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 Fizyczenego (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 Fisica 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 Tras-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 Ciencias do Desporto e Educação Fisica, 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 Fisica, 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 Fisica 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 Fisica 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 Fisica, 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, 4ême Congrès de Physiologie de l'Exercise 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, BS, 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 Antropologia 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 Antropologia 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, Wrcoław, 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 Fisica – 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. Jésus Lozoya Solis" A.C., XII Congreso Estatal del Colegio de Pediatria del Estado de Oaxaca A.C., and I Congreso Internacional de Pediatria, 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," Universita 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 Międziowego, XVII Międzynarodowa Konferencja Naukowa, Zdrowie Środowiskowe Dzieci z Uwzględnieniem Czynników 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 biologia humana en Oaxaca de 1898 al presente/Human biology in Oaxaca between 1898 and the present: an overview. Plenary lecture, XVI Coloquio Internacional de Antropolgia Fisica Juan Comas, Asociación Mexicana de Antropologia 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: Backgound, 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 Antropologia 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. Bronislawa 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 Antropologia 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.

539. Motor development and youth sport: The backdrop of physical growth and biological maturation. Invited lecture, Department of Anthropology, Universidad Autónoma de Madrid, Spain, 2017.

540. Human biology in Oaxaca, southern Mexico: 1898 - present. Invited lecture, Department of Anthropology, Universidad Autónoma de Madrid, Spain, 2017.

541. Motor development and youth sport: The backdrop of physical growth and biological maturation. Invited lecture, XVII International Forum on Sport, Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, 2017.

542. Youth dancers: Perspectives from growth and maturation. Invited A.J.G Howse Memorial Lecture, International Association for Dance Medicine and Science, 27th Annual Conference, Houston, Texas, 2017.

543. Physical activity and youth sport: The need to focus on the majority of youth who participate in sport. Invited lecture, 25th Anniversary Conference, Netter Center of Community Partnerships, University of Pennsylvania, Philadelphia, 2017.

544. Doctoral Program in the Physical Activity Sciences (Clases magistrale del Doctorado de Ciencias de la Actividad Fisica), Universidad Catolica del Maule, Talca, Chile, 2018,
Performance in the context of growth and maturation
Growth and maturity status of young athletes
Systematic training for sport: Does it influence growth and maturation?

545. Bio-banding in youth sports: Background and applications. Tutorial lecture. Annual meeting, American College of Sports Medicine, Minneapolis, 2018.

546. Motor development and physical activity: Background and topics for future research. Invited lecture, Faculty of Sport Sciences and Physical Education, University of Coimbra, Portugal, 2018.

547. Bio-banding in youth sports: Background and applications. Faculty of Physical Education, Universidad Andrés Bello, Santiago, Chile, 2018.

548. World Conference on Kinanthropometry, Universidad Andrés Bello, Santiago, Chile, 2018, invited lectures:
Genetic aspects of physical performance and fitness
Motor development and physical activity in the context of growth and maturation

549. Bio-Banding in youth sports: Background and applications. Invited lecture, University School of Physical Education, Wrocław, Poland, 2018.

550. Genetic considerations in physical performance and fitness. Invited lecture, Polish Chapter of the European Anthropological Association and Department of Biology, Adam Mickiewicz University, Poznań, Poland, 2018.

551. Bio-banding in youth sports: Background, concept, application. Invited lecture, Eugeniusz Piasecki University School of Physical Education/ Akademia Wychowania Fizycznego im. Eugeniusz Piasecki, Poznań, Poland, 2018.

552. Bio-banding in youth sports: Background, concept, application. Invited lecture, Youth Sports Program, University of Coimbra, Portugal, 2019 (February).

553. Somatic maturation: Use of body dimensions to estimate maturity status and timing. Invited lecture, Youth Sports Program, University of Coimbra, Portugal, 2019 (April).

554. Physical activity and sport among children and adolescents. Invited lecture, Grand Rounds, Department of Pediatrics, Baylor College of Medicine, 2019.

555. Children and adolescents in sport: A personal perspective. Invited lecture, Youth Sports Program, University of Coimbra, Portugal, 2020 (March).

556. Historical background of youth sport and studies related to the growth of youth athletes. Invited lecture, Youth Sports Program, University of Coimbra, 2020 (March).

557. Issues in youth sports. Invited lecture, Graduate program, Faculty of Sport Science and Physical Education, University of Coimbra, 2020 (March).

558. Accommodating variation in growth and maturation in youth sport. Invited Robert M. Blizzard Lecture, Pediatric Endocrine Society, 2021 (virtual).

559. Maturity-associated variation in youth sport: Historical concerns and current issues. Invited lecture, Graduate program, Faculty of Sport Science and Physical Education, University of Coimbra, 2021 (virtual).

560. Bio-banding in youth sports: Background, concept, applications, questions. Invited lecture, Graduate program, Faculty of Sport Science and Physical Education, University of Coimbra, 2022 (virtual).

561. Growth and maturity status of youth female athletes. Invited lecture, Graduate program, Faculty of Sport Science and Physical Education, University of Coimbra, 2022 (virtual).

562. Systematic training for sport: Does it influence growth and maturation of youth female athletes. Invited lecture, Graduate program, Faculty of Sport Science and Physical Education, University of Coimbra, 2022 (virtual).

563. Maturity-associated variation in youth sports: History, reality and efforts to accommodate. Invited lecture, Scientific Symposium: Children and young people – The focus of our activities. Eugenius Piasecki University of Physical Education in Poznań, Poland, 2022.

MASTER'S THESES SUPERVISED – Physical Anthropology, Latin American Studies, Kinesiology:

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 – Physical Anthropology:

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. Anthony N. Zavaleta, 1976. "DENSITOMETRIC ESTIMATES OF BODY COMPOSITION IN MEXICAN AMERICAN BOYS." (Physical Anthropology, University of Texas at Austin)

4. Claude Bouchard, 1977. "UNIVARIATE AND MULTIVARIATE GENETIC ANALYSIS OF ANTHROPOMETRIC AND PHYSIQUE CHARACTERISTICS OF FRENCH CANADIAN FAMILIES." (Physical Anthropology, University of Texas at Austin)

5. Rebecca A. Lane, 1977. "THE ALLEGHANY SENECA: A TEST OF THE GENETIC RELIABILITY OF NONMETRIC OSTEOLOGICAL TRAITS FOR INTRA-POPULATIONAL ANALYSIS." (with R.M. Reid, Physical Anthropology, University of Texas at Austin)

6. Ann Bennett, 1978. "THE EFFECTS OF NONSUPPRESSIBLE INSULIN-LIKE PROTEIN ON BONE METABOLISM." (Physical Anthropology, University of Texas at Austin) - deceased

7. 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)

8. Jeannie F. Boatler, 1980. "THE GENETIC DEMOGRAPHY OF A RURAL POLISH IMMIGRANT COMMUNITY IN TEXAS." (Physical Anthropology, University of Texas at Austin)

9. Peter H. Buschang, l980. "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)

10. Bruce W. Meleski, l980. "GROWTH, MATURITY, BODY COMPOSITION, AND FAMILIAL CHARACTERISTICS OF COMPETITIVE SWIMMERS 8 TO 18 YEARS OF AGE." (Physical Anthropology, University of Texas at Austin)

11. Bertis B. Little, l983. "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)

12. Kathryn H. Brown, l984. "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)

13. 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

14. Lorraine P. Saunders, 1986. "BIOLOGICAL AFFINITIES AMONG HISTORIC SENECA GROUPS AND POSSIBLE PRECURSIVE POPULATIONS." (Physical Anthropology, University of Texas at Austin)

15. Marilyn Mardiros, 1987. "UNDERSTANDING PARENTS OF CHILDREN WITH DISABILITIES: DEVELOPING A MEANING CENTERED APPROACH." (Physical Anthropology, University of Texas at Austin)

16. 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)

17. 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)

18. 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

19. 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)

20. George Eugene Olds, 1992. "DIFFERENTIAL DENTINAL DEVELOPMENT IN ANGLO AND MEXICAN AMERICAN TEN YEAR OLD CHILDREN." (Physical Anthropology, University of Texas at Austin) – deceased

21. 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

22. 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)

DOCTORAL DISSERTATIONS SUPERVISED – Physical Education, Kinesiology, Health Education (Health and Human Development):

1. 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)

2. 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)

3. 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)

4. 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)

5. 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)

6. 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)

7. Peter Todd Katzmarzyk, 1997. "A FAMILIAL STUDY OF GROWTH AND HEALTH-RELATED FITNESS AMONG CANADIANS OF ABORIGINAL AND EUROPEAN ANCESTRY." (Kinesiology, Michigan State University)

8. 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)

9. Shannon R. Siegel, 1999. "PATTERNS OF SPORT PARTICIPATION AND PHYSICAL ACTIVITY IN MEXICAN YOUTH." (Kinesiology, Michigan State University)

10. 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)

11. Eva Ann Vadocz, 1999. "A PSYCHOBIOLOGICAL PROFILE OF ADOLESCENT COMPETITIVE FIGURE SKATERS." (Kinesiology, Michigan State University)

12. Joey C. Eisenmann, 2000. "BLOOD LIPIDS AND PEAK OXYGEN CONSUMPTION IN YOUNG DISTANCE RUNNERS." (Kinesiology, Michigan State University)

13. 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)

14. 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)

15. Peter J. Morano, 2003. "INJURY IN YOUTH FOOTBALL: PREVALENCE, INCIDENCE, AND BIOLOGICAL RISK FACTORS." (Kinesiology, Michigan State University)

16. 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).

17. 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).

DOCTORAL DISSERTATIONS – Co-promoted Overseas:

1. Jose Jacinto B. Vasconcelos Raposo, 1994. OS FACTORES PSICO-SOCIO-CULTURAIS QUE INFLUENCIAN 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 Portugese 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).

2. Maria Isabel Martins Mourão Carvalhal, 2000. EFEITO DA INTERACCAO DAS VARIAVEIS SOCIO-CULTURAIS, BIOLOGICAS 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)

3. 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)

4. 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).

5. 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).

6. João Pedro Marques Duarte, 2019. ISOKINETIC LEG STRENGTH: REPRODUCIBILITY OF CONVENTIONAL AND FUNCTIONAL RATIOS AND MULTILEVEL DEVELOPMENTAL CHANGES IN YOUNG SOCCER PLAYERS. (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 André Seabra, Universidade do Oporto, Portugal).