

CURRICULUM VITAE

Russell R. Pate

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EDUCATION:

B.S. (Magna Cum Laude) in Physical Education, Springfield College, Springfield, MA,
1968.

M.S. in Exercise Physiology, University of Oregon, Eugene, OR, 1973.

Ph.D. in Exercise Physiology, University of Oregon, Eugene, OR, 1974.

EMPLOYMENT RECORD:

Professor, Department of Exercise Science, Arnold School of Public Health, University
of South Carolina, 1989-Present

Vice Provost for Health Sciences, Office of Academic Affairs, University of South
Carolina, 2008-2009

Associate Vice President for Health Sciences, Office of Research and Health Sciences,
University of South Carolina, 2006-2008

Associate Dean for Research, Arnold School of Public Health and Professor,
Department of Exercise Science, University of South Carolina, 2000-2005

Professor and Chairman, Department of Exercise Science, Arnold School of Public
Health University of South Carolina, 1989-2000

Professor, Department of Physical Education, University of South Carolina, 1985-1989
(Assistant Professor, 1974-1980; Associate Professor 1980-1985).

Research Scientist, Department of Pediatrics, Medical College of Georgia, 1983-84
(on leave from University of South Carolina).

Assistant Professor and Director, Center for Physical Fitness, Department of Health
Education and Physical Education, University of Virginia, 1978-79 (on leave from
University of South Carolina).

Teaching and Research Assistant in Physical Education, Human Anatomy and Exercise
Physiology, University of Oregon, 1972-74.

MILITARY SERVICE: U.S. Army, 1969-71

AREAS OF INTEREST: Physical Activity and Fitness in Youth
Public Health Implications of Physical Activity
Physiology of Endurance Performance

COURSES TAUGHT: EXSC 530 - Physiology of Muscular Activity
EXSC 700 - Exercise and Public Health
EXSC 755 - Performance Related Exercise Physiology
EXSC 780 - Physiological Adaptations to Exercise I
EXSC 781 - Physiological Adaptations to Exercise II
EXSC 783 – Research Seminar in Exercise Physiology
EXSC 881 - Cardiorespiratory Exercise Physiology
EXSC 882 - Physical Activity and Health

CERTIFICATIONS:

Fellow, American College of Sports Medicine, 1981-present
Fellow, Research Consortium, American Alliance for Health, Physical Education,
Recreation and Dance, 1979-present
Member, Research Council, Southern District, American Alliance for Health, Physical
Education, Recreation and Dance, 1978-present

PROFESSIONAL ORGANIZATIONS:

American College of Sports Medicine
American Public Health Association
The Obesity Society
American Heart Association
International Society for Nutrition and Physical Activity
American Alliance for Health, Physical Education, Recreation and Dance
North American Society for Pediatric Exercise Medicine
American Academy of Kinesiology and Physical Education
Southeast Chapter, American College of Sports Medicine
South Carolina Association for Health, Physical Education, Recreation and Dance
South Carolina Academy of Sciences
Sigma Xi, Scientific Research Society
Phi Epsilon Kappa

ELECTIVE OFFICES:

President, American College of Sports Medicine Foundation, 1999-2000
President, National Coalition on Promoting Physical Activity, 2000-2001

Treasurer, American College of Sports Medicine, 1999-2002
Vice-President, American College of Sports Medicine Foundation, 1995-98
President-Elect, President and Past President, American College of Sports Medicine, 1992-95
Member-at-Large, Executive Committee, American Academy of Kinesiology and Physical Education, 1991-1993
Vice-President, American College of Sports Medicine, 1988-90
Member, Board of Trustees, American College of Sports Medicine, 1982-1985
Secretary, Research Consortium, AAHPERD, 1983-1986
President, Southeast Chapter, American College of Sports Medicine, 1982-1983
President, S.C. Association for Health, Physical Education and Recreation, 1981
Chairman, Physical Fitness Council, American Alliance for Health, Physical Education and Recreation, 1978-80
Member, Executive Committee, Southeast Chapter, American College of Sports Medicine, 1975-76 and 1979-80
Member-at-large, Executive Board, S.C. Association for Health, Physical Education and Recreation, 1977-78
Chairman, Research Section, S.C. Association for Health, Physical Education and Recreation, 1977-78
Chairman, Interdepartmental Student Council, College of Health, Physical Education and Recreation, University of Oregon, 1973-74
President, Physical Education Majors Association, University of Oregon, 1972-73
Secretary, Omicron Chapter, Phi Epsilon Kappa, 1972-73
President, Beta Theta Chapter, Phi Epsilon Kappa, 1967-68

HONORS:

Professional:

Distinguished Alumnus Award, Lockport (NY) High School, 2010
Faculty Service Award, University of South Carolina, 2010
Honorary Member Award, American Dietetics Association, 2008
Distinguished Alumnus Award, Springfield College, 2008
Honor Award, Science Board, President's Council on Physical Fitness and Sports, 2007
Excellence in Education Award, Gatorade Sports Science Institute, 2004
Alliance Scholar Award, American Alliance for Health, Physical Education, Recreation and Dance, 1999-2000
Citation Award, American College of Sports Medicine, 1996
Service Award, Southeast Chapter, American College of Sports Medicine, 1996

Russell Award for Faculty Research in the Health Sciences, University of South Carolina, 1996
T.K. Cureton Award, National Fitness Leaders Association, 1995
Faculty Research Award, School of Public Health, University of

South Carolina, 1995.
Scholar Award, Southern District, American Alliance for Health, Physical Education, Recreation and Dance, 1991
Scholar Award, Southeast Chapter, American College of Sports Medicine, 1990.
Citation Award, Physical Fitness Council, American Alliance for Health, Physical Education, Recreation and Dance, 1989
Selected Member, American Academy of Kinesiology and Physical Education, 1986
Scholar Award, South Carolina Association for Health, Physical Education and Dance, 1983
Recognition Award, South Carolina Governor's Council on Physical Fitness, 1985
Mabel Lee Award, American Alliance for Health, Physical Education and Recreation, 1981
Listed Outstanding Young Men in America, 1978
NDEA Graduate Fellowship in Physical Education, University of Oregon, 1968-69 and 1971-73
NCAA Scholar-Athlete Postgraduate Scholarship Winner for Cross Country, 1968-69
Outstanding Scholar-Athlete Award, Springfield College, 1968
Outstanding Physical Education Major, Springfield College, 1968
AAHPER Scholarship, 1967-68
Outstanding Scholar-Athlete, Lockport (NY) Senior High School, 1964

Athletic:

Hall of Fame, South Carolina Affiliate, Road Runners Club of America, 1989
All-Service Cross Country Team, CISM Cross Country Meet, Italy, 1971
U.S. Army Track Team, 1971
Winner of Trail's End Marathon, Seaside, Oregon, (1972) and Skylon International Marathon, Buffalo, New York (1974)
Best Marathon Time: 2:15:20, Boston AA Marathon, 7th Place, 1975

PROFESSIONAL SERVICE ACTIVITIES (SELECTED):

American College of Sports Medicine

Chair, Activity and Health Advocacy Network, 2008-Present
Chair, Budget and Finance Committee, 1999-2002
Chair, Olympic Sports Medicine Committee, 1998-2000
Chair, Health and Science Policy Committee, 1994-97
Member, Executive Committee and Administrative Council, 1992-95
Member, Program Committee, 1988-1990, 1991-95
Member, Continuing Education Committee, 1991-92
Member, Strategic Planning Committee, 1987-89
Associate Editor, Exercise and Sport Sciences Reviews, 1987-Present
Chair, Regional Chapters Committee, 1982-88

Member, Preventive and Rehabilitation Exercise Committee, 1983-90
Member, Position Stands Committee, 1979-82
Member, Evaluation Team, Program Director Certification, 1980, 81, 82

Other Organizations:

Chair, Coordinating Committee, National Physical Activity Plan, 2007-Present
Member, Physical Activity Guidelines Advisory Committee, U.S. Dept. of Health and Human Services, 2007-2008
Member, Behavior Change Expert Panel, National Bone Health Campaign, 2006-2007
Member, Institute of Medicine Panel on Progress in Preventing Childhood Obesity, 2004-2005
Member, Panel on Military Recruitment: Physical Fitness and Health Standards, National Academies of Science, 2004-2006
Member, Science Advisory Board, President's Council on Physical Fitness and Sports, 2003-2006
Member, Worldwide Health Advisory Panel, Kraft Foods, 2003-present
Member, Dietary Guidelines Advisory Committee, U. S. Dept. of Health and Human Services 2003-2004
Member, Institute of Medicine, Panel on Prevention of Obesity in Children, 2003-2004
Chairman, P.A.Y. (Physical Activity in Youth), National Coalition for Promoting Physical Activity, 2000-2003.
Member, Scientific Advisory Board, International Life Sciences Institute, 2004-present
Member, Advisory Board, Fitnessgram - Cooper Institute for Aerobics Research, 1990-present
Member, Scientific Advisory Board, Life Fitness Academy, 1994-2005
Editorial Board, Pediatric Exercise Science, 1988-present
Member, Scientific Advisory Board, International Health, Racquet and Sports Clubs Association, 1996-1999
Chair, Research Consortium Grants Committee, AAHPERD 1997-2000
Section Editor, Research Quarterly for Exercise and Sport, AAHPERD 1985-1991
Editorial Board, International Journal of Sports Medicine, 1985 -1994
Editorial Board, International Journal of Sports Nutrition, 1990-1996
Member, South Carolina Governor's Council on Physical Fitness, 1989-2000
Member, Scientific Advisory Board, Rockport Walking institute, 1986-1992
Member, Advisory Board, Campbell's Health and Fitness Institute, 1985-1988
Member, Sports Medicine Review Board, Quaker Oats Company, 1985-1988
Chair, Exercise Task Force, S.C. Affiliate, American Heart Association, 1983-86
Chair, Exercise Committee, Carolina Healthstyle Program for S.C. State Employees, 1982-83
Member, Physical Education Committee, Southeast Regional YMCA, 1982-84
Consultant, Boys Clubs of America, 1981-84

Chair, Committee on Implementation and Evaluation of the Health Related Fitness Test,

1980-84

GRANTS:

Principal Investigator for the following funded research grants and contracts:

Development of a National Strategic Plan for Physical Activity. U.S. Centers for Disease Control, \$142,198, (2010-2011).

Studying Community Programs to Reduce Childhood Obesity. National Heart, Lung, and Blood Institute (Battelle Memorial Institute), (2010-2015).

Physical activity during the transition from elementary school to middle school. National Heart, Lung, and Blood Institute (NIH), \$3,318,000, (2009-2014).

Multi-component intervention to increase physical activity in preschool children. National Institute for Child Health and Human Development (NIH), \$1,986,516, (2008-2012), Administrative Supplement, \$399,466 (2010-2011).

Integrated recall of diet and physical activity in children. National Heart, Lung, and Blood Institute (NIH), \$396,000, (2009-2011).

National physical activity and nutrition survey of high school students, Macro International, Inc./U.S. Centers for Disease Control, \$256,905, (2007-2009).

Development for a national strategic plan for physical activity, U.S. Centers for Disease Control, \$90,401, (2006-2009).

Physical activity in preschool children, National Institute of Health, \$1,551,604 (2002–2008).

Promotion of physical activity in high school girls (Competitive Renewal). National Heart, Lung, and Blood Institute, \$1,865,025 (2002-2006).

Evaluation of the Active for Life project. Robert Wood Johnson Foundation. \$747,000 (2000-2003).

Trial of Activity in Adolescent Girls. National Heart, Lung, and Blood Institute, \$4,075,000 (2000-2008).

Environmental determinants of physical activity in pre-school children. Gerber/Novartis Corporation. \$136,000 (1999-2001).

Promotion of physical activity in high school girls. National Heart, Lung and Blood Institute. \$2,300,000 (1997-2001).

Physical activity, body composition, and the determinants of physical activity in Youth, Hershey Foods Corporation. \$20,000 (1997-2000).

Objective assessment of physical activity in youth. Cowles Foundation. \$36,556 (1996-98).

Physical activity and health: training for public health professionals. U.S. Centers for Disease Control. \$90,000 (1994-95), \$120,000 (1995-96), \$150,000 (1996-97), \$170,000 (1997-98), \$185,000 (1998-99), \$205,000 (1999-00), \$185,000 (2000-01), \$185,000 (2001-02), \$185,000 (2002-03), \$195,000 (2003-04), \$161,182 (2004-05), \$170,186, (2005-06), \$205,000 (2006-07), \$205,000 (2007-08), \$205,000 (2008-2009), \$205,000 (2009-2010), \$225,000 (2010-2011).

Physical activity promotion in adolescent youth. National Institutes of Health. \$750,000 (1993-96).

Guidelines for promotion of physical activity in youth. U.S. Centers for Disease Control. \$200,000 (1993-95).

A school-based intervention for promotion of physical activity in youth. American Heart Association. \$37,000 (1991-93).

Determinants of physical activity in a low SES group. U.S. Public Health Service, Centers for Disease Control. \$30,910 (1990); \$31,500 (1991).

Physiological evaluation of exercise videos produced by The Firm. The Firm, Inc. \$9,588 (1991).

Effects of increased and decreased training on potential markers of overtraining in elite distance runners. U.S. Olympic Committee. \$25,000 (1990).

Enhancement of Physical Fitness Education. U.S. Department of State, Overseas Schools Advisory Council. \$25,000. (To Mediterranean Assoc. of International Schools with sub-contract to U.S.C.), (with W. Smith).

South Carolina Statewide Exercise Intervention. Kaiser Family Foundation. \$9,700 (with J.D. Gimarc).

Validity of field tests of upper body muscular strength and endurance. Campbell's

Institute for health and Fitness, \$10,750 (1987).

Liberty Corporation employee health study. Liberty Foundation, \$20,000 (1987).

Physiological and perceptual responses to exercise on a recumbent bicycle ergometer. Campbell's Institute for Health and Fitness, \$13,000.

A comprehensive health profile of habitual distance runners. U.S. Public Health Service, Centers for Disease Control, \$76,000 (1984) (with C. Macera); extended, \$85,000 (1985).

Iron status of physically active females. American Heart Association, S.C. Affiliate, \$12,000 (with J.M. Davis)

A description of elite female distance runners. Coca-Cola, Inc., \$25,000 (to GA TECH with sub-contract to U.S.C.), funded (with P. Sparling).

Effect of exercise training on borderline hypertension. USC Office of Research. N.I.H. Biomedical Research Grants, \$6,500 (1981).

A health promotion program for the elderly. Manning Foundation, \$10,000 (1979).

PUBLICATIONS

BOOKS:

Ward, D.S, Saunders, R., **Pate, R.R.** Physical Activity Interventions for Youth. Human Kinetics, Champaign, IL, 2006.

Green, L.S. and **R.R. Pate.** Training for Young Distance Runners, 2nd Edition. Human Kinetics, Champaign, IL, 2004.

Greene, L.S. and **R.R. Pate.** Training for Young Distance Runners. Human Kinetics, Champaign, IL, 1997.

Pate, R.R. and R.C. Hohn., editors. Health and Fitness Through Physical Education. Human Kinetics, Champaign, IL, 1994.

Pate, R.R., B.A. McClenaghan and R. Rotella, editors. Scientific Foundations of Coaching. Saunders College Publishing, Philadelphia, PA, 1984.

Pate, R.R. editor. South Carolina Physical Fitness Test Manual, Second Edition

Columbia, S.C.: S.C. Association of Health, Physical Education, Recreation and Dance, 1983.

Pate, R.R., ed. South Carolina Physical Fitness Test Manual. Columbia, South Carolina: South Carolina Department of Health and Environmental Control, 1978.

CHAPTERS IN BOOKS:

Pfeiffer, K.A., Lobelo, F., Ward, D.S. and **Pate, R.R.** Endurance Trainability of Children and Youth. The Young Athlete. Helge Herbestreit and Oded Bar-Or, editors. Blackwell Publishing, 84-95, 2007.

Pate, R.R. Historical Perspectives on Physical Activity, Fitness and Health. Physical Activity and Health. Bouchard, C., Blair, S.N., Haskell, W.L. editors. Human Kinetics, 2006.

Pate, R.R. and Ward, D. S. Physical Activity in American Youth: Status, Determinants, and Promotion. The Development of Social Sciences in the 21st Century. Frank H. Fu, editor, Hong Kong Baptist University, 80-90, 2001.

Saunders, R. and **R.R. Pate**. Promoting Physical Health. Preventing School Problems Promoting School Success: Strategies and Programs that Work. K.M. Minke and G.C. Bear, editors, University of Delaware. National Association of School Psychologists, 337-375, 2000.

Trost, S.G., S. Levin and **R.R. Pate**. Sport, Physical Activity, and Other Health Behaviors in Children and Adolescents. Paediatric Exercise Science and Medicine. N. Armstrong and W. Van Mechelen, editors, Oxford Press, 2000.

Trost, S.G. and **R.R. Pate**. Physical Activity in Children and Youth. Lifestyle Medicine. J.M. Rippe, editor, Blackwell Science, Malden, MA, 1999.

Pate, R.R. and Ward, D.S. Endurance Trainability of Children and Youths. The Child and Adolescent Athlete. Oxford, London: Blackwell Science Ltd., 130-137, 1996.

Durstine, J.L., **R.R. Pate** and J.D. Branch. Cardiorespiratory responses to acute exercise. ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription. Manual for Guidelines for Exercise Testing and Prescription. (Editors) J.L. Durstine et al. Second Edition: Philadelphia, Lea & Febiger. 67-74, 1993.

Wells, C. and **R.R. Pate**. Training for performance of prolonged endurance exercise. In: D. Lamb and R. Murray, ed. Perspectives in Exercise Science and Sports Medicine, Volume I: Prolonged Exercise. Indianapolis: Benchmark Press, Inc.,

1988.

Simons-Morton, B., G.S. Parcel, N.M. O'Hara, S.N. Blair and **R.R. Pate**. Childhood health-related physical fitness: status and recommendations. Annual Reviews of Public Health, 9,403-425,1988.

Pate, R.R. and M. Lonnett. Terminology in exercise physiology. In: S. Blair, ed. Resource Manual for Guidelines for Testing and Prescription. Philadelphia: Lea & Febiger, 1988.

Durstine, J.L. and **R.R. Pate**. Cardiorespiratory responses to acute exercise. In: S. Blair, ed. Resource Manual for Guidelines for Exercise Testing and Prescription. Philadelphia: Lea & Febiger, 1988.

Pate, R.R. and E.L. Fox. Training of youth for sport. In: Practice of Pediatrics. Philadelphia: Harper & Row, 1987.

Pate, R.R. and J.L. Durstine. Cardiorespiratory adaptations to chronic endurance exercise. In V. Seefeldt (Ed.) Contributions of Physical Activity to Human Well-Being. Reston, VA: AAHPERD Publications, 1986.

Pate, R.R., editor. South Carolina Physical Fitness Test Manual, Second Edition. Columbia, S.C.: S.C. Association for Health, Physical Education, Recreation and Dance, 1983.

Pate, R.R. Principles of Training. In: D. Kulund. The Injured Athlete. Philadelphia: J.V. Lippincott Co., 1982.

Pate, R.R. Sports anemia and its impact on athletic performance. In: W. Haskell, ed. Nutrition and Athletic Performance. Palo Alto, CA: Bull Publishing, 1982.

Pate, R.R. Organizational Guidelines in Fitness Programming. In: R. Sargent, ed. Organizational Guidelines for Promoting Programs in Stress Management, Nutrition and Weight Control, and Physical Fitness. Columbia, S.C.: S.C. Department of Health and Environmental Control, 1982.

Pate, R.R. Health Fitness. In: Physical Education for High School Students. AAHPERD Publications: Washington, D.C., 1982.

Blair, S.N., **R.R. Pate** and B. McClenaghan. Current Approaches to Physical Fitness Education. In: T. Kratchowill, ed. Annual Reviews of School Psychology. Vol. 2, Hillsdale, N.J.: Erlbaum, 1982.

Pate, R.R. Standards for exercise testing and training programs. In: C. Frankel, ed. Lawyers Medical Cyclopedia. Indianapolis: Allen Smith Co.,1981.

Pate, R.R. Teaching physical fitness concepts in the public schools. In: Cundiff, ed. Implementation of Aerobic Programs. AAHPERD Press: Washington, D.C., 1979.

Pate, R.R. and S.N. Blair. Exercise and the prevention of atherosclerosis: pediatric implications. In: W. Strong, ed., Atherosclerosis: Its Pediatric Aspects. Grune and Stratton, New York, 1978.

REFERED ARTICLES:

Kim J, Liu J, Colabianchi N, **Pate RR**. The effect of perceived and structural neighborhood conditions on adolescents' physical activity and sedentary behaviors. Arch Pediatr Adolesc Med, 2010; 164(10): 935-942.

Lobelo F, **Pate RR**, Dowda M, Liese AD, Daniels SR. Cardiorespiratory Fitness and Clustered Cardiovascular Disease Risk in U.S. Adolescents. J Adolescent Health, 2010; 47: 652-359.

Liu, J., Kim, J., Colabianchi, N., Ortaglia, A., **Pate, R**. Co-varying Patterns of Physical Activity and Sedentary Behaviors and Their Long-Term Maintenance Among Adolescents. J Phys Act Health, 2010; 7: 465-474

Griffiths Lucy J., Dowda Marsha, Dezateux Carol, and **Pate RR**. Associations between sport and screen-entertainment with problems in 5-year old children. Int J of Behavioral Nutrition and Phys Act, 2010, 7(30).

Pate RR, Yancey AK, Kraus WE. The 2008 Physical Activity Guidelines for Americans: Implications for clinical and public health practice. Am J Lifestyle Med, 2010, in press.

Pate RR, O'Neill JR, Mitchell J. Measurement of physical activity in preschool children. Med Sci Sports Exerc, 2010, 42(3): 508-12.

Kelly EB, Parra-Medina D, Pfeiffer KA, Dowda M, Conway T, Webber L, Jobe J, Going S, **Pate RR**. Psychosocial and environmental correlates of physical activity in black, Hispanic, and white middle school girls. J Phys Act Health, 2010, 7(2): 184-193.

Bornstein DB, **Pate RR**, Pratt M. A review of the national physical activity plans of six

- countries. J Phys Act Health, 2009, 6(2): 245-64.
- Pate RR.** A national physical activity plan for the United States. J Phys Act Health, 2009, 6(2): 157-8.
- Pate RR, O'Neill J, Dowda M, Saunders R, Brown WH.** Physical Activity Guidelines for Americans: Implications for America's education system. The State Education Standard, September 2009, 31-7.
- Mclver KL, Brown WH, Pfeiffer KA, Dowda M, **Pate RR.** Assessing children's physical activity in their homes: The Observational System for Recording Physical Activity in Children: Home. J Appl Behav Anal, 2009; 42(1):1-16.
- Pfeiffer KA, Dowda M, Mclver K, **Pate R.R.** Factors related to objectively measured physical activity in preschool children. Pediatr Exerc Sci, 2009; 21(2):196-208.
- Mitchell JA, Mattocks C, Ness AR, Leary SD, **Pate R.R.**, Dowda M, Blair SN, Riddoch C. Sedentary behavior and obesity in a large cohort of children. Obesity, 2009; 17(8):1596-602.
- Lobelo F, **Pate RR**, Dowda M, Liese AD, Ruiz JR. Validity of cardiorespiratory fitness criterion-referenced standards for adolescents. Med Sci Sports Exerc, 2009; 41(6):1222-9.
- Brown WH, Pfeiffer KA, Mclver KL, Dowda M, Addy C, **Pate RR.** Social and environmental factors associated with preschoolers' non-sedentary physical activity. Child Dev, 2009; 80(1):45-68.
- Lobelo F, Dowda M, Pfeiffer KA, **Pate RR.** Electronic media exposure and its association with activity-related outcomes in female adolescents: Cross-sectional and longitudinal analyses. J Phys Act Health, 2009; 6(2):137-43.
- Dowda M, Dishman RK, Porter D, Saunders RP, **Pate RR.** Commercial facilities, social cognitive variables, and physical activity of 12th grade girls. Ann Behav Med, 2009; 37(1):77-87.
- Kuo J, Schmitz KH, Evenson KR, Mckenzie TL, Jobe JB, Bedimo-Rung AL, Gittelsohn J, **Pate RR.** Physical and social contexts of physical activity among adolescent girls. J Phys Act Health, 2009; 6:144-52.
- Dowda M, Brown WH, Mclver KL, Pfeiffer KA, O'Neill JR, Addy CL, **Pate RR.** Policies and characteristics of the preschool environment and physical activity of young children. Pediatrics, 2009; 123(2):e261-6.

- Williams HG, Pfeiffer KA, Dowda M, Jeter C, Jones S, **Pate RR** A field-based testing protocol for assessing gross motor skills in preschool children: The CHAMPS Motor Skills Protocol (CMSP). Measurement in Physical Education and Exercise Science, 2009; 13(3):151-65
- Pate RR**, O'Neill JR. After-school interventions to increase physical activity among youth. Br J Sports Med, 2009;43:14-18.
- Pate RR**, Stevens J, Webber LS, Dowda M, Murray DM, Young DR, Going S. Age-related change in physical activity in adolescent girls. J Adolesc Health, 2009; 44:275-82.
- Pate RR**, O'Neill, J.R., Lobelo, F. The evolving definition of "sedentary." Exercise and Sports Sciences Reviews, 2008; 36(4):173-8.
- Dishman RK, Saunders RP, Motl RW, Dowda M, **Pate RR** Self-efficacy moderates the relation between declines in physical activity and perceived social support in high school girls. J Pediatr Psychol, December 1, 2008; 1-11.
- Pratt D, Webber LS, Baggett CD, Ward DS, **Pate RR**, Murray D, Lohman T, Lytle L, Elder JP. Sedentary activity and body composition of middle school girls: The Trial of Activity for Adolescent Girls. Res Q Exerc Sport, 2008; 79(4):458-467.
- Liu, J., Laditka, J.N., Mayer-Davis, E.J., **Pate R.R.** Does physical activity during pregnancy reduce risk of gestational diabetes among previously inactive women? Birth. 2008; 35(3): 189-196
- Pate, R.R.**, McIver, K., Dowda, M., Brown, W.H., Addy, C. Directly-observed physical activity levels in preschool children. Journal of School Health. 2008; 78(8):438-44
- Matthews, C.E., Chen, K.Y., Freedson, P.S., Buchowski, M.S., Beech, B.M., **Pate, R.R.**, Troiano, R.P. Amount of time spent in sedentary behaviors in the United States, 2003-2004. American Journal of Epidemiology, 2008; February 25, epub ahead of print.
- Sirard JR, Pfeiffer KA, Dowda M, **Pate R.R.** Race differences in activity, fitness, and BMI in female eighth graders categorized by sports participation status. Pediatric Exercise Science, 2008; 20(2): 198-210.
- Pate, R.R.** Physically active video gaming: An effective strategy for obesity revention. Arch Pediatr Adolesc Med, 2008; 162(9):895-6.

- Pate, R.R.**, Colabianchi, N., Porter, D., Almeida, M.J., Lobelo, F., Dowda, M. Relationships between physical activity and neighborhood resources in high school girls. American Journal of Preventive Medicine, 2008; 34(5):413-419.
- Webber, L.S., Catellier, D.J., Lytle, L.A., Murray, D.M., Pratt, C.A., Young, D.R., Elder, J.P., Lohman, T.G., Stevens, J., Jobe, J.B., **Pate, R.R.** Promoting physical activity in middle school girls: Trial of Activity for Adolescent Girls. American Journal of Preventive Medicine, 2008; 34(3): 173-84.
- Pate, R.R.**, O'Neill, J.R. Summary of the American Heart Association Scientific Statement: Promoting Physical Activity in Children and Youth: A Leadership Role for Schools. Journal of Cardiovascular Nursing. 2008; 23(1):44-49.
- Dowda, M., Pfeiffer, K.A., Dishman, R.K., **Pate, R.R.** Associations among physical activity, health indicators, and employment in 12th grade girls. Journal of Women's Health. 2007; 16:1331-1339.
- Pfeiffer KA, Dowda M, Dishman RK, Sirard JR, **Pate, R.R.** Cardiorepiratory fitness in girls: Change from middle to high school. Medicine and Science in Exercise and Sport. 2007;39:2234-2241.
- Colabianchi N, Dowda M, Pfeiffer K, Porter D, Almeida M, **Pate R.R.** Towards and understanding of salient neighborhood boundaries: Adolescent reports of an easy walking distance and convenient driving distance. The International Journal of Behavioral Nutrition and Physical Activity. 2007. 4:66.
- Dowda, M., **Pate, R.R.**, Sallis, J.F., Freedson, P.S., Taylor, W.C., Sirard, J.C., Trost, S.G. Agreement between student-reported and proxy-reported physical activity questionnaires. Pediatric Exercise Science. 2007; 19(3):310-8.
- Pate, R.R.**, Ward, D.S., O'Neill, J.R., Dowda, M. Enrollment in physical education is associated with overall physical activity in adolescent girls. Research Quarterly for Exercise and Sport. 2007; 78(4):265-70.
- Pate, R.R.**, R. Saunders, R.K. Dishman, C. Addy, M. Dowda, D.S. Ward. Long-term effects of a physical activity intervention in high school girls. American Journal of Preventive Medicine. 2007; 33(4):276-80.
- Stevens, J., Murray, D.M., Baggett, C.D., Elder, J.P., Lohman, T.G., Lytle, L.A., **Pate, R.R.**, Pratt, C.A., Treuth, M.S., Webber, L.S., Young, D.R. Objectively assessed associations between physical activity and body composition in middle-school

- girls: the trial of activity for adolescent girls. American Journal of Epidemiology. 2007; 166(11):1298-305.
- Haskell, W.L., Lee, I.M., **Pate, R.R.**, Powell, K.E., Blair, S.N., Franklin, B.A., Marcera, C.A., Heath, G.W., Thompson, P.D., Bauman, A. Physical activity and public health: updated recommendation for adults from the American College of Sports Medicine and the American Heart Association. Medicine & Science in Sports & Exercise. 2007;39(8):1423-34.
- Treuth, Margarita S., Catellier, Diane J., Schmitz, Kathryn, **Pate, R.R.**, Elder, John P., McMurray, Robert G., Blew, Robert M., Yang, Song, Webber, Larry. Weekend and weekday patterns of physical activity in overweight and normal-weight adolescent girls. Obesity. 2007; 15:1782-1788.
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