

10/15/09

VITA

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CONTACT INFORMATION:

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EDUCATION:

B.A. Carleton College (Major: Biology), 1969

M.S. University of Illinois (Major: Physical Education, Specialization Exercise Physiology), 1972

Ph.D. University of Illinois (Major: Physical Education, Specialization Exercise Physiology), 1976

EMPLOYMENT:

1970-1971 Teaching Assistant, University of Illinois

1971-1973 Instructor of Physical Education, Ball State University

1973-1976 Research Assistant, Physical Fitness Research Laboratory, University of Illinois

1976-1981 Assistant Professor of Physical Education and Director, Human Performance Laboratory, The University of Georgia (appointed to the Graduate Faculty, 1979)

1981-1987 Tenured Associate Professor of Physical Education and Director, Human Performance Laboratory, The University of Georgia

1987-1991 Professor of Physical Education and Director, Exercise Physiology Laboratory, The University of Georgia

1991-2004 Professor and Head, Department of Exercise Science, and Director, Metabolism and Body Composition Laboratory, The University of Georgia

2004-2005 Professor and Interim Head, Departments of Exercise Science and Physical Education and Sport Studies, and Director, Metabolism and Body Composition Laboratory, The University of Georgia

2005- Professor and Head, Department of Kinesiology, and Director,
Metabolism and Body Composition Laboratory, The University of
Georgia

HONORS:

Elected Fellow, American College of Sports Medicine, 1976

Elected Fellow, Research Consortium, American Alliance for Health, Physical Education,
Recreation and Dance, 1980

Mabel Lee Award, American Alliance for Health, Physical Education, Recreation and Dance,
1983

Elected Active Fellow, American Academy of Physical Education, 1987

Scholar Award, Southeast Chapter, American College of Sports Medicine, 1994

Elected Vice President, American College of Sports Medicine, 1996

Distinguished Alumni Award, Department of Kinesiology, University of Illinois, 1998.

KCH Distinguished Alumni Lecturer, Department of Kinesiology and Community Health,
University of Illinois, 2007.

Citation Award, American College of Sports Medicine, 2009.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

American Alliance for Health, Physical Education, Recreation and Dance, 1973-1997

American Academy of Physical Education (1987-)

American College of Sports Medicine (1972-)

American Physiological Society (1989-)

Southeast Chapter of the American College of Sports Medicine (1977-)

UGA Biomedical and Health Sciences Institute, 2002-

PROFESSIONAL ASSOCIATION ACTIVITIES:

American Alliance for Health, Physical Education, Recreation and Dance. Consultant, Task Force to Develop the Health Related Physical Fitness Test, 1978; Chairperson-Elect, Chairperson and Past Chairperson, Physical Fitness Council, 1982-1984; Chairperson, Nominations Committee, Physical Fitness Council, 1982-1983; Member, Research Consortium Committee on Revision of the National Youth Fitness Tests, 1983-1984; Secretary, Research Consortium, 1988-1990; Member, Joint Youth Fitness Committee, 1991-1994.

American Academy of Physical Education. Member, Conventions and Banquet Committee, 1987-88; Member, Presidential Committee on Special Projects, 1991; Member,

Nominations and Elections Committee, 1992-3, Member-at-Large of the Executive Committee, 1997-99; Chair, Web Site Committee, 1999; Member, Doctoral Program Evaluation Committee, 2002-, Member, Nominations Committee, 2006-.

American College of Sports Medicine. Regional Captain for National Center Fund raising, 1982; Member, Board of Trustees, 1986-1989; Regional Chapters Committee, 1988-91; Vice President, 1996-98; Administrative Council, 1996-98; Program Committee, 1996-8; Awards and Tributes Committee, 1996-78 Publications Committee, 1996-7, Credentials Committee, 1996-98; Chairperson, Education and Allied Health Task Force, 1997-00; Constitution and By-Laws Committee, 1998-99.

Southeast Chapter of the American College of Sports Medicine. Member, Membership Committee, 1977; Member-at-Large, Executive Council, 1980-1981; Chairperson, Nominations Committee, 1980-1981; President-Elect, President and Past President, 1989-1991; Southeast chapter representative to the American College of Sports Medicine, 1988-1991; lecture tour, 1994; Nominations Committee, 1996; Awards Committee, 1998, 2003.

Georgia Association of Health, Physical Education, Recreation and Dance. Chairperson, Research Section, 1979-1980.

National Collegiate Athletic Association. Member, Research Committee, 1988-1994, Chair, Sport Science Grant Review Panel, 1992-93; Member, Scholarly Colloquium on College Sports Advisory Board, 2008-.

National College Physical Education Association for Men. Member, Research Committee, 1977-1978.

SCIENTIFIC ADVISORY BOARDS, WORKSHOPS AND CONSULTANCIES

National Institutes of Health, National Institute of Child Health and Human Development. Member of Steering Committee and Participant, Research Planning Workshop on Physical Activity During Pregnancy, 1982.

National Aeronautics and Space Administration. Consultant on body composition assessment, 1983.

Biological Sciences Curriculum Study. Consultant on Science and Technology in Sport Project, 1985.

Institute for Aerobics Research. Member, Fitnessgram Scientific Advisory Board, 1987-present.

Rockport Walking Institute. Member, Scientific Advisory Board, 1986-1991.

National Academy of Sciences, Committee on Military Nutrition Research of the Food and Nutrition Board, Institute of Medicine. Participant in workshop on body composition and physical performance, 1991.

Life Fitness. Scientific and Medical Advisory Board, 1993-2004.

President's Council on Physical Fitness and Sports. Member of workgroup to review the President's Challenge Physical Fitness Awards Program, 1995-2002.

Coca-Cola Company. Consultant on product development and advertising challenge, 2001-02.

Georgia Department of Education. Fitness Assessment Committee (Chair), 2009.

Expert Witness, Gallivan, White and Boyd, Attorneys at Law, Scott Sterling vs. Norfolk and Southern Railroad Company, 2009.

ACADEMIC PROGRAM REVIEWS:

Council of Graduate Schools. Member, Consultation Team Appointed to Evaluate the Graduate Program in Human Kinetics at the University of Wisconsin-Milwaukee, 1987.

Middle Tennessee State University. Evaluator, Master of Science Degree in Wellness and Fitness, March, 1993.

University of Tennessee, Knoxville. External Consultant, Academic Program Review, Department of Exercise Science, 1995.

University of Tennessee, Knoxville. External Consultant, Academic Program Review Follow-up Assessment, Department of Exercise Science, 1999.

GRANT REVIEW PANELS:

National Collegiate Athletic Association. Member, Research Committee, 1987-1993; Chairperson, Sport Science and Medicine Research Grant Review Panel, 1992-1993.

United States Olympic Committee. Member, Sports Science Advisory Group, 1990.

National Institutes of Health. External Grant Evaluator, Nurses Research Study Section, 1997.

American Institute of Biological Sciences. Peer Review Panel on the Defense Women's Health Research Program, 1998-99.

American Institute of Biological Sciences. Peer Review Panel on 1999 DOD/VA Health Research Program, 1998-99; peer review of for the U.S. AirForce Surgeon General, Modernization Directorate, 2008; peer review of U.S. Army, 2009.

Canada Foundation for Innovation. External Grant Evaluator, 2000.

Life Fitness Academy, External Grant Evaluator, 2002.

Fitnessgram Scientific Advisory Board, Grant Evaluator, 2006.

Murdock College Research Program for Life Sciences, Murdock Charitable Trust, 2007.

EDITORIAL WORK:

Associate or Section Editor:

Medicine and Science in Sports and Exercise , 1987-88, 2000-2004
Journal of Strength and Conditioning Research, 1987-1994
Research Quarterly for Exercise and Sport, 1991-1997

Editorial Board:

Journal of the Georgia Association of HPERD, 1990-93
Physical Educator, 1990-93
Journal of Strength and Conditioning Research, 1995-present
Measurement in Physical Education and Exercise Science, 1996-present
ACSM's Health and Fitness Journal, 1999-present
Journal of Intercollegiate Sports, 2008-present

Manuscript Reviewer:

Medicine and Science in Sports and Exercise, Research Quarterly for Exercise and Sport
International Journal of Sports Medicine, The Physician and Sportsmedicine, Journal of Physical Education, Recreation and Dance, Canadian Journal of Applied Sport Sciences, GAHPER Journal, Journal of Cardiac Rehabilitation, Journal of Strength and Conditioning Research, European Journal of Applied Physiology and Occupational Physiology, American Journal of Childhood Diseases, Journal of Applied Physiology, American Journal of Sports Medicine, Pediatric Exercise Science, American Journal of Human Biology, American Journal of Physiology, Sports Medicine, Journal of the American Medical Association, American Journal on Mental Retardation, Journal of Pediatrics, Obesity Research, Clinical Exercise Physiology, Journal of Aging and Physical Activity, Journal of Sport Nutrition and Exercise Metabolism, Archives of Pediatrics and Adolescent Medicine, Osteoporosis International, Obesity, Journal of Sports Sciences, Pediatrics

RESEARCH GRANTS RECEIVED (Principal Investigator):

Effect of heavy resistance exercise on plasma testosterone and andostenedione. Small Grants Research Program, University of Georgia, 1978, \$1,050.

Norms for Distance Run Tests Adjusted for Skinfold Thickness. Research Consortium Cooperative Funding Program, American Alliance for Health, Physical Education, Recreation and Dance, 1983, \$250.

Effect of heavy resistance training on muscle hypertrophy in men and women. Faculty Research Grants Program, University of Georgia, 1984, \$3,703.

Effect of a high-carbohydrate diet supplement on exercise substrate utilization and performance in triathletes. Ross Laboratories, 1984-85, \$3,250.

Cardiovascular adaptations to supine exercise training. American Heart Association, Georgia Affiliate, 1988, \$23,697.

Value of maximal oxygen deficit in predicting middle-distance running performance. United States Olympic Committee, 1990, \$16,000.

Evaluation of criterion-referenced standards of cardiovascular fitness in school children. American Heart Association, Georgia Affiliate, 1990, \$8,800.

Effects of diet and exercise training on body composition of obese women. College of Education Research/Outreach Program, 1997, \$8,550.

Exercise in the heat: nutritional supplementation. Coca Cola Company, 1998, \$137, 931.

Resting metabolic rate and weight loss. Abbott Labs, 1998, \$20,000.

Effect of precooling on distance running performance, Sport Medicine and Sport Science Committee of USA Track and Field, 2001, \$11,000.

Effect of carbohydrate-electrolyte beverages on cycling performance. The Coca Cola Company, 2001, \$114, 391.

Effects of spinal cord injury and menopause on bone structure in women. Shepherd Center and University of Georgia Intramural Grants Program, \$18,800.

Effects of Sport Drinks on cycling performance and cognition. The Coca-Cola Company, 2002, \$118,058.

Fluid replacement in the heat: effectiveness of a caffeinated sport drink. The Coca-Cola Company, 2004, \$118, 117.

Effects of dietary quercetin supplementation on exercise performance and cognition. Beverage Institute for Health and Wellness, The Coca-Cola Company, 2008, \$273,720.

SERVICE CONTRACTS RECEIVED:

Athlete Testing and Sport Consultation Service, University of Georgia Athletic Association; 1984, \$8,607; 1985, \$9,150; 1986, \$9,600; 1987, \$10,058; 1988, \$10,411; 1989, \$10,779; 1990, \$11,357; 1991, \$11,509; 1992, \$11,921; 1993, \$12,000, 1994, \$12,110.

RESEARCH GRANTS TO STUDENTS SUPERVISED:

Zwiren, Linda. Comparison of circulatory responses to exercise in men and women. National Association for Girls and Women in Sports, 1980, \$500.

Higbie, Beth. Doctoral Award from the Foundation for Physical Therapy, 1992, \$8,800.

Evans, Ellen. Effects of diet and exercise on body composition assessed using a four-component model. Life Fitness, 1997, \$2,500.

Stewart, Darby. Persistent effects of acute resistance exercise on postprandial lipemia. Life Fitness, 2000, \$2,500.

Skinner, Kristie. Insulin and glucose responses to one week of resistance exercise in old adults: relation to visceral fat. UGA Gerontology Seed Grant Program, 2001, \$2,500.

Wingo, Jonathan. Effect of body cooling on cardiovascular drift and maximal oxygen uptake to the Gatorade Sports Science Institute, 2005, \$1200.

PUBLICATIONS:

Chapters in Books:

Cureton, K. J. (1977). Canoeing. In R. Frost (Ed.), Encyclopedia of Physical Education, Fitness, and Sports, Dance, and Related Activities (pp. 753-763). Reading, Mass.: Addison Wesley.

- Cureton, K. J. (1980). The AAHPERD Youth Fitness Test. In A. Stull (Ed.), Encyclopedia of Physical Education, Fitness, and Sports: Training, Environment, Nutrition, and Fitness (pp. 425-442). Salt Lake: Brighton.
- Blair, S. N., Clark, D. G., Cureton, K. J., & Powell, K. E. (1989). Exercise in fitness and childhood: Implications for a lifetime of health. In C.V. Gisolfi and D. R. Lamb (Eds.), Perspectives in Exercise Science and Sports Medicine: Youth, Exercise and Sport (pp. 401-430). Indianapolis, IN: Benchmark Press.
- Cureton, K. J. (1992). Effects of experimental alterations in excess weight on physiological responses to exercise and physical performance. In B. M. Mariott & J. Grumstrup-Scott (Eds.). Body Composition and Physical Performance, Applications to the Military (pp. 71-88). Washington, D.C.: National Academy Press.
- Cureton, K. J. (1994). Physical fitness and physical activity standards for youth. In R. R. Pate & R. C. Hohn (Eds.). Health and Fitness Through Physical Education (pp. 129-136). Champaign, IL: Human Kinetics.
- Cureton, K. J. (1994). Aerobic Capacity. In J. R. Morrow, H. B. Falls, and H. W. Kohl, III (Eds.). The Prudential Fitnessgram Technical Reference Manual (pp. 33-55). Dallas, TX: Institute for Aerobics Research.
- Cureton, K. J. (1996). Physiological responses to water exercise. In R. Ruoti, D. Morris, and A. Cole (Eds.). Aquatic Rehabilitation. (pp. 39-56). Philadelphia: Lippincott-Raven.
- Cureton, K. J. & Plowman, S. A. (2002). Aerobic capacity assessments. In G. J. Welk, J. R. Morrow, Jr. & H. B. Falls (Eds.). Fitnessgram Reference Guide. (Internet Resource) Dallas, TX: The Cooper Institute.
- Cureton, K. J. & Plowman, S. A. (2007). Aerobic capacity assessments. In G. J. Welk & M. D. Merideth (Eds. Fitnessgram/Activitygram Reference Guide (3rd Ed.). (Internet Resource: <http://www.cooperinst.org/products/grams/references.cfm>) Dallas, TX: The Cooper Institute.

Research Articles:

- Cureton, K. J., Boileau, R. A., & Lohman, T. G. (1975). Relationships between body composition measures and AAHPER test performances in young boys. Research Quarterly, 46, 218-229.
- Cureton, K. J., Boileau, R. A., & Lohman, T. G. (1975). Comparison of densitometric, potassium-40, and skinfold estimates of body composition in prepubescent boys. Human Biology, 47, 321-336.
- Cureton, K. J., Boileau, R. A., Lohman, T. G., & Misner, J. E. (1977). Determinants of distance running performance in children: analysis of a path model. Research Quarterly, 48, 270-279.
- Cureton, K. J., Sparling, P. B., Evans, B. W., Johnson, S. M., Kong, U. D., & Purvis, J. W. (1978). Effect of experimental alterations in excess weight on aerobic capacity and distance running performance. Medicine and Science in Sports, 10, 194-199.
- Evans, B. W., Cureton, K. J., & Purvis, J. W. (1978). Metabolic and circulatory responses to walking and jogging in water. Research Quarterly, 49, 442-449.

- Bonen, A., Heyward, V. H., Cureton, K. J., Boileau, R. A., & Massey, B. H. (1979). Prediction of maximal oxygen uptake in boys, ages 7-15. Medicine and Science in Sports, 11, 24-29.
- Cureton, K. J., Hensley, L. D., & Tiburzi, A. (1979). Body fatness and performance differences between men and women. Research Quarterly, 50, 333-340.
- Cureton, K. J., & Sparling, P. B. (1980). Distance running performance and metabolic responses to running in men and women with excess weight experimentally equated. Medicine and Science in Sports and Exercise, 12, 228-294.
- Purvis, J. W., & Cureton, K. J. (1981). Ratings of perceived exertion at anaerobic threshold. Ergonomics, 24, 295-300.
- Cureton, K. J. (1981). Matching of male and female subjects using VO₂max. Research Quarterly for Exercise and Sport, 2, 264-268.
- Hutchinson, P. L., Cureton, K. J., & Sparling, P. B. (1981). Metabolic and circulatory responses to running during pregnancy. The Physician and Sportsmedicine, 9, 55-63.
- Thompson, J. K., Jarvie, G. J., Lahey, B. B., & Cureton, K. J. (1982). Exercise and obesity: etiology, physiology, and intervention. Psychological Bulletin, 91, 51-79.
- Bundschuh, E. L., & Cureton, K. J. (1982). Effect of bicycle ergometer conditioning on the physical work capacity of mentally retarded adolescents. American Corrective Therapy Journal, 36, 159-163.
- Cureton, K. J. (1982). Distance running performance tests in children. What do they mean? Journal of Physical Education, Recreation, and Dance, 53, 64-66.
- Metcalf, J., Catz, C., Clapp, J. F., Cureton, K. J., Fabro, S. E., Longo, L. D., & McNellis, M. (1983). National Institute of Child Health and Human Development (NICHD) Research Planning Workshop on Physical Activity in Pregnancy: Summary Report. Sports Medicine Bulletin, 18, 3-18.
- Vickery, S. R., Cureton, K. J., & Langstaff, J. W. (1983). Heart rate and energy expenditure during aqua dynamics. The Physician and Sportsmedicine, 11, 67-72.
- Weiss, L. W., Cureton, K. J., & Thompson, F. N. (1983). Comparison of serum testosterone and androstenedione responses to weight lifting in men and women. European Journal of Applied Physiology and Occupational Physiology, 50, 413-419.
- Sparling, P. B., & Cureton, K. J. (1983). Biological determinants of the sex difference in 12-minute run performance. Medicine and Science in Sports and Exercise, 15, 218-223.
- Zwiren, L. D., Cureton, K. J., & Hutchinson, P. L. (1983). Comparison of circulatory responses to submaximal exercise in equally-trained men and women. International Journal of Sports Medicine, 4, 255-259.
- Evans, B. W., & Cureton, K. J. (1983). Effect of physical conditioning on blood lactate disappearance during supramaximal exercise. British Journal of Sports Medicine, 17, 40-45.
- Metcalf, J., Catz, C., Clapp, J. F., Cureton, K. J., Fabro, S. E., Longo, L. D., McNellis, D. (1984). Summary report on the NICHD research planning Workshop on Physical Activity in

- Pregnancy. American Journal of Perinatology, 1, 276-9.
- Cureton, K. J. (1984). Reaction to the manuscript of Jackson. Medicine and Science in Sports and Exercise, 16, 621-622.
- Dowdy, D., Cureton, K., DuVal, H., & Oustz, H. (1985). Effects of aerobic dance on physical work capacity, cardiovascular function, and body composition of middle-aged women. Research Quarterly for Exercise and Sport, 56, 227-233.
- Cureton, K. J., Gisk, J., Glass, B., Hall, E., O'Shea, P., Stark, K., Steinberg, J., Wilmore, J. H., & Wood, D. K. (1985). Roundtable: strength training and conditioning for the female athlete. National Strength Training and Conditioning Journal, 7, 10-29.
- Cureton, K., Bishop, P., Hutchinson, P., Newland, H., Vickery, S., & Zwiren, L. (1986). Sex difference in maximal oxygen uptake: effect of equating haemoglobin concentration. European Journal of Applied Physiology and Occupational Physiology, 54, 656-660.
- Collins, M., Hill, D. W., Cureton, K. J., & DeMello, J. J. (1986). Plasma volume shift during heavy-resistance weight lifting. European Journal of Applied Physiology and Occupational Physiology, 55, 44-48.
- Hill, D. W., Cureton, K. J., Grisham, S. C., & Collins, M. A. (1987). Effect of training on the rating of perceived exertion at the ventilatory threshold. European Journal of Applied Physiology and Occupational Physiology, 56, 206-211.
- Cureton, K. J. (1987). Commentary on "children and fitness: A public health perspective." Research Quarterly for Exercise and Sport, 58, 315-320.
- Bishop, P., Cureton, K., & Collins, M. (1987). Sex difference in muscular strength in equally-trained men and women. Ergonomics, 30, 675-687.
- DeMello, J., Cureton, K., Boineau, R., & Singh, M. (1987). Ratings of perceived exertion at the lactate threshold in trained and untrained men and women. Medicine and Science in Sports and Exercise, 19, 354-362.
- Pate, R. R., Sparling, P. B., Wilson, G. E., Cureton, K. J., & Miller, B. J. (1987). Cardiorespiratory and metabolic responses to submaximal and maximal exercise in elite women distance runners. International Journal of Sports Medicine, 8, 91-95.
- Vickery, S. R., Cureton, K. J., & Collins, M. A. (1988). Prediction of body density from skinfolds in Blacks and Whites. Human Biology, 60, 135-149.
- Cureton, K. J., Collins, M. A., Hill, D. W., & McElhannon, F. M. (1988). Muscle hypertrophy in men and women. Medicine and Science in Sports and Exercise, 20, 338-344.
- Millard-Stafford, M. L., Cureton, K. J., & Ray, C. H. (1988). Effect of a glucose polymer, diet supplement on responses to prolonged successive swimming, cycling and running. European Journal of Applied Physiology and Occupational Physiology, 58, 327-333.
- Hill, D. W., Cureton, K. J., Collins, M. A., & Grisham, S. C. (1988). Effect of circadian rhythm in body temperature on oxygen uptake. Journal of Sports Medicine and Physical Fitness, 28, 310-312.

- Hill, D. W., Cureton, K. J., Collins, M. A., & Grisham, S. C. (1988). Diurnal variations in responses to exercise of "morning types" and "evening types." Journal of Sports Medicine and Physical Fitness, 28, 213-219.
- Collins, M. A., Cureton, K. J., Hill, D. W., & Ray, C. A. (1989). Relation of plasma volume change to intensity of weight lifting. Medicine and Science in Sports and Exercise, 21, 178-185.
- Hill, D. W., Cureton, K. J., Collins, M. A., & Grisham, S. C. (1989). Circadian specificity in exercise training. Ergonomics, 32, 79-92.
- Hill, D. L., Collins, M. A., Cureton, K. J., & DeMello, J. J. (1989). Blood pressure response after weight training exercise. Journal of Applied Sport Science Research, 3, 44-47.
- Hill, D. W., Cureton, K. J., Grisham, S. C., & Collins, M. A. (1989). Effect of time of day on perceived exertion at work rates above and below the ventilatory threshold. Research Quarterly for Exercise and Sport, 60, 127-133.
- Bishop, P., Cureton, K., Conerly, M., & Collins, M. (1989). Sex difference in muscle cross-sectional area in athletes and nonathletes. Journal of Sports Science, 7, 31-39.
- Warren, G. L., & Cureton, K. J. (1989). Modeling the effect of alterations in hemoglobin concentration on VO₂max. Medicine and Science in Sports and Exercise, 21, 526-531.
- Warren, G. L., Cureton, K. J., & Sparling, P. B. (1989). Does lung function limit performance in a 24-hour ultramarathon? Respiratory Physiology, 78, 253-264.
- Cureton, K. J., & Warren, G. L. (1990). Criterion-referenced standards for youth health-related fitness tests: A tutorial. Research Quarterly for Exercise and Sport, 61, 7-19.
- Dengel, D. R., Graham, R. E., Jones, M. T., Norton, K. I., & Cureton, K. J. (1990). Prediction of oxygen uptake on a bicycle wind-loaded simulator. International Journal of Sports Medicine, 11, 279-283.
- Warren, G. L., Cureton, K. J., Dengel, D. R., Graham, R. E., & Ray, C.A. (1990). Is the gender difference in VO₂max greater for arm exercise than leg exercise? European Journal of Applied Physiology and Occupational Physiology, 60, 149-154.
- Ray, C. A., Cureton, K. J., & Ouzts, H. G. (1990). Postural specificity of cardiovascular adaptations to exercise training. Journal of Applied Physiology, 69, 2202-2208.
- Cureton, K. J., Baumgartner, T. A., & McManis, B. G. (1991). Adjustment of one-mile run/walk test scores for skinfold thickness in youth. Pediatric Exercise Science, 3, 152-167.
- McCormack, W. P., Cureton, K. J., Bullock, T. A., & Weyand, P. G. (1991). Metabolic determinants of one-mile run/walk performance in children. Medicine and Science in Sports and Exercise, 23, 611-617.
- Collins, M. A., Cureton, K. J., Hill, D. W., & Ray, C. A. (1991). Relation of heart rate to oxygen uptake during weight lifting exercise. Medicine and Science in Sports and Exercise, 23, 636-640.

- Conley, D. S., Cureton, K. J., Dengel, D. R., & Weyand, P. G. (1991). Validation of the 12-minute swim as a field test of peak aerobic power in young men. Medicine and Science in Sports and Exercise, 23, 766-773.
- Ray, C. A., & Cureton, K. J. (1991). Interactive effects of body posture and exercise training on maximal oxygen uptake. Journal of Applied Physiology, 71, 596-600.
- Hutchinson, P. L., Cureton, K. J., Ouzts, H., & Wilson, G. (1991). Relationship of cardiac size to maximal oxygen uptake and body size in men and women. International Journal of Sports Medicine, 12, 369-373.
- Warren, G. L., Cureton, K. J., Middendorf, W. F., Ray, C. A., & Warren, J. A. (1991). Red blood cell pulmonary capillary transit time during exercise in athletes. Medicine and Science in Sports and Exercise, 23, 1353-1361.
- Prusaczyk, W. K., Cureton, K. J., Graham, R. E., & Ray, C. A. (1992). Differential effects of carbohydrate on RPE at the lactate and ventilatory thresholds. Medicine and Science in Sports and Exercise, 24, 568-575.
- Prusaczyk, W. K., Dishman, R. K., & Cureton, K. J. (1992). No effects of glycogen depleting exercise and altered diet composition on mood states. Medicine and Science in Sports and Exercise, 24, 708-713.
- Conley, D. S., Cureton, K. J., Hinson, B. T., Higbie, E. A., & Weyand, P.G. (1992). Validation of the 12-minute swim as a field test of peak aerobic power in young women. Research Quarterly for Exercise and Sport, 63, 153-161.
- Yorio, J., Dishman, R. K., Forbus, W., Cureton, K. J., & R. Graham. (1992). Breathlessness predicts perceived exertion in young women with mild asthma. Medicine and Science in Sports and Exercise, 24, 900-908.
- Dengel, D. R., Weyand, P. G., Black, D. M., & Cureton, K. J. (1992). Effect of varying levels of hypohydration on responses during submaximal exercise. Medicine and Science in Sports and Exercise, 24, 1096-1101.
- Youngstedt, S. D., Dishman, R. K., Cureton, K. J., & Peacock, L. J. (1993). Does body temperature mediate anxiolytic effects of acute exercise? Journal of Applied Physiology, 74, 825-831.
- Weyand, P. G., Cureton, K. J., Conley, D. S., & Higbie, E. J. (1993). Peak oxygen deficit during one- and two-legged cycling in men and women. Medicine and Science in Sports and Exercise, 25, 584-591.
- Dengel, D. R., Weyand, P. G., Black, D. M., & Cureton, K. J. (1993). Effects of varying levels of hypohydration on ratings of perceived exertion. International Journal of Sport Nutrition, 3, 376-386.
- Weyand, P. G., Cureton, K. J., Conley, D. S., Sloniger, M. A., & Liu, Y. L. (1994). Peak oxygen deficit predicts sprint and middle-distance track performance. Medicine and Science in Sports and Exercise, 26, 1174-1180.
- Dishman, R. K., Farquhar, R. P., & K. J. Cureton (1994). Responses to preferred intensities of exertion in men differing in activity levels. Medicine and Science in Sports and Exercise, 26, 783-790, 1994.

- Buckworth, J., Dishman, R. K., Cureton, K. J. (1994). Autonomic responses of women with parental hypertension: Effects of and physical activity and fitness. Hypertension, 24, 576-584.
- Cureton, K. J., Sloniger, M. A., O'Bannon, J. P., Black, D. M., & McCormack, W. P. (1995). A generalized equation for prediction of VO_{2peak} from one-mile run/walk performance. Medicine and Science in Sports and Exercise, 27, 445-451.
- Sloniger, M. A., Cureton, K. J., Carrasco, D. J., Prior, B. M., Rowe, D. A., & Thompson, R. W. (1996). Effect of the slow-component rise in oxygen uptake on VO_{2max} . Medicine and Science in Sports and Exercise, 28, 72-78.
- Modlesky, C. M., Cureton, K. J., Lewis, R. D., Prior, B. A., Sloniger, M. A., & Rowe, D. A. (1996). Density of the fat-free mass and estimates of body composition in male weight trainers. Journal of Applied Physiology, 80, 2085-2096.
- Higbie, E. J., Cureton, K. J., Warren, G. L., III, & Prior, B. M. (1996). Effects of concentric and eccentric training on muscle strength, cross-sectional area and neural activation. Journal of Applied Physiology, 81, 2173-2181.
- Cureton, K. J., Sloniger, M. A., Black, D. M., McCormack, W. P., & Rowe, D. A. (1997). Metabolic determinants of the age-related improvement in one-mile run/walk performance in youth. Medicine and Science in Sports and Exercise, 29, 259-267.
- Sloniger, M.A., Cureton, K. J., & O'Bannon, P. J. (1997). One-mile run/walk performance in men and women: role of anaerobic metabolism. Canadian Journal of Applied Physiology, 22, 337-350.
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- Cureton, K. J. (2009). Athlete burnout: A physiological perspective. Journal of Intercollegiate Sport, 2, 31-34.
- Cureton, K. J., Tomporowski, P. D., Singhal, A., Pasley, J. D., Bigelman, K. A., Lambourne, K., Trilk, J. L., McCully, K. K., Arnaud, M. J., & Zhao, Q. (2009). Dietary quercetin supplementation is not ergogenic in untrained men. Journal of Applied Physiology, 107, 1095-1104.

PRESENTATIONS AT PROFESSIONAL MEETINGS:

- Cureton, K. J. (1973, April). Relationships between body composition and physical performance in prepubescent boys. Paper presented at the National AAHPER Convention, Minneapolis, Minnesota.
- Cureton, K. J., Boileau, R. A., & Lohman, T. B. (1975, May). Comparison of densitometric, potassium-40 and skinfold estimates of body composition in prepubescent boys. Paper presented at the Annual Meeting of the American College of Sports Medicine, New Orleans, Louisiana.
- Boileau, R. A., Cureton, K. J., & Massey, B. H. (1975, November). Endurance performance in children. Paper presented at the Midwest Regional Meeting of the American College of Sports Medicine, Carbondale, Illinois.
- Cureton, K. J., Boileau, R. A., Misner, J. E., Lohman, T. G., & Massey, B. H. (1976, March). Distance running items in the AAHPER youth fitness test as measures of cardiorespiratory fitness in children 7 through 12 years of age. Paper presented at the National AAHPER Convention, Milwaukee, Wisconsin.

- Cureton, K. J. (1977, February). Contribution of body size, body composition, aerobic capacity, and basic motor abilities to sex differences in endurance running and walking performance in children. Paper presented at the Southern District AAHPER Convention, Atlanta, Georgia.
- Cureton, K. J., Boileau, R. A., & Massey, B. H. (1977, May). Sources of variance in maximal oxygen uptake in children. Paper presented at the National Meeting of the American College of Sports Medicine, Chicago, Illinois.
- Sparling, P. B., Cureton, K. J., Evans, B. W., Johnson, S. M., Kong, U. D., & Purvis, J. W. (1977, October). Effect of experimental alterations in excess weight on aerobic capacity and distance running performance. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Lexington, Kentucky.
- Cureton, K. J. (1978, February). Reaction to a position paper - Olympic success and adult fitness, compatible partners or strange bedfellows. Paper presented as part of a Research Council Symposium at the Southern District AAHPER Convention, Little Rock, Arkansas.
- Riner, W. F., Cureton, K. J., & Boileau, R. A. (1978, April). Effects of two levels of physical training intensity on selected measures of central circulatory and metabolic capacities in 8 - 11 year old boys. Paper presented at the National AAHPER Convention, Kansas City, Missouri.
- Evans, B. W., Cureton, K. J., & Purvis, J. W. (1978, April). Metabolic and circulatory responses to walking and jogging in water. Paper presented at the Georgia AHPER Convention, Jekyll Island, Georgia.
- Cureton, K. J. (1978, April). Components of health-related physical fitness. Paper presented as part of a Physical Fitness Workshop, Georgia AHPER Convention, Jekyll Island, Georgia.
- Cureton, K. J. (1978, February). Body composition and individual differences in maximal oxygen uptake and maximal performance. Paper presented as part of a symposium at the Southeast Chapter Meeting of the American College of Sports Medicine, Atlanta, Georgia.
- Thompson, K., Jarvey, G., Lakey, B., & Cureton, K. (1979, Fall). Increasing exercise participation. Paper presented at the National Meeting of the American Psychological Association, New York, New York.
- Cureton, K. J., & Sparling, P. B. (1980, February). Metabolic responses to running and distance running performance in men and women with excess weight experimentally equated. Paper presented at the Annual Meeting of the Southeast Chapter of the American College of Sports Medicine, Charlotte, North Carolina.
- Sparling, P. B., & Cureton, K. J. (1980, May). Biological determinants of the sex difference in distance running performance among trained runners. Paper presented at the National Meeting of the American College of Sports Medicine, Las Vegas, Nevada.

- Weiss, L. W., Cureton, K. J., & Thompson, F. N. (1980, May). Effect of weight lifting on serum levels of testosterone and androstenedione in men and women. Paper presented at the National Meeting of the American College of Sports Medicine, Las Vegas, Nevada.
- Hutchinson, P. L., Cureton, K. J., & Sparling, P. B. (1980, April). Metabolic and circulatory responses to running during pregnancy. Paper presented at the Georgia AHPER Convention, Jekyll Island, Georgia.
- Sparling, P. B., & Cureton, K. J. (1981, April). Biological determinants of distance running performance: evaluation of a model. Paper presented at the National AAHPERD Convention, Boston, Massachusetts.
- Vickery, S. R., Langstaff, J. W., & Cureton, K. J. (1981, September). Energy cost of aqua dynamics. Paper presented at the National Meeting of the American Association of Fitness Directors in Business and Industry. Boca Raton, Florida.
- Cureton, K. J. (1982, February). Theory and techniques in the assessment of body composition. Presentation given as part of a workshop at the Annual Meeting on the Southeast Chapter of the American College of Sports Medicine, Blacksburg, Virginia.
- Bishop, P. A., Cureton, K. J., Hutchinson, P. L., Vickery, S. R., & Zwiren, L. D. (1982, February). Physical work capacity of men and women with hemoglobin concentration experimentally equated. Paper presented at the Annual Meeting of the Southeast Chapter of the American College of Sports Medicine, Blacksburg, Virginia.
- Cureton, K. J. (1982, April). Accuracy in estimating percent fat from body density. Paper presented as part of a symposium of the Physical Fitness Council at the National AAHPERD Convention, Houston, Texas.
- Zwiren, L. D., Cureton, K. J., & Hutchinson, P. L. (1982, May). Comparison of central circulatory responses to submaximal exercise in equally trained men and women. Paper presented at the Annual Meeting of the American College of Sports Medicine, Minneapolis, Minnesota.
- Evans, B. W., & Cureton, K. J. (1982, May). Effect of physical conditioning on blood lactate disappearance after supramaximal exercise. Paper presented at the Annual Meeting of the American College of Sports Medicine, Minneapolis, Minnesota.
- Cureton, K. J. (1982, September). Background presentation: Exercise in humans. Presentation at a research planning workshop on Physical Activity in Pregnancy sponsored by the National Institute of Child Health and Human Development, National Institutes of Health, Washington, D.C.
- Cureton, K. J. (1982, November). Programming for enhancement of health fitness in children. Paper presented as part of a workshop on Health Fitness Programming in Physical Education, Annual Convention of the South Carolina Association for Health, Physical Education, Recreation, and Dance, Myrtle Beach, South Carolina.

- Cureton, K. J. (1982, February). Measurement and modification of body composition. Paper presented at the Annual Convention of the South Carolina Association for Health, Physical Education, Recreation, and Dance, Myrtle Beach, South Carolina.
- Cureton, K. J. (1983, March). Biological basis of sex differences in physical performance. Paper presented at the Annual Meeting of the Lake Placid Sports Medicine Society, Lake Placid, New York.
- Cureton, K. (1983, May). Progress in research design and data analysis procedures - Reaction to Dr. A. Jackson. Paper presented as part of a symposium entitled, "Body Composition Assessment: A Reevaluation of Our Past and a Look Toward the Future," Annual Meeting of the American College of Sports Medicine, Montreal, Canada.
- Cureton, K. (1983, December). Water exercise as an activity to develop physical fitness. Presentation given at the Conference on Water Exercise Programs, Georgia State University, Atlanta, Georgia.
- Vickery, S. R., Bishop, P. A., Collins, M. A., Wilson G. E., & Cureton, K. J. (1984, February). Cross-validation of the Jackson and Pollock generalized equations for predicting body density of collegiate football players. Paper presented at the Annual Meeting of the Southeast Chapter of the American College of Sports Medicine, Auburn, Alabama.
- Bishop, P. A., Cureton, K. J., & Collins, M. A. (1984, February). Biological determinants of the sex difference in muscular strength. Paper presented at the Annual Meeting of the Southeast Chapter of the American College of Sports Medicine, Auburn, Alabama.
- Cureton, K., & Pate, R. (1984, April). Trainability of children: physiological responses to chronic exercise. Paper presented at the National AAHPERD Convention, Anaheim, California.
- Wilson, G., & Cureton, K. (1984, May). Effect of glycogen depletion and glycogen loading on anaerobic threshold and distance running performance. Paper presented at the Annual Meeting of the American College of Sports Medicine, San Diego, California.
- Cureton, K. (1985, February). Promotion of physical fitness and sports for everyone. Paper presented at the International Symposium on Sport Sciences, Kanoya, Japan.
- Collins, M., Hill, D., DeMello, J., & Cureton, K. (1985, February). Plasma volume shift during heavy resistance weight lifting. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Boone, North Carolina.
- Millard, M., Cureton, K., Farris, J., & Ray, C. (1985, February). Maximum physiological responses to triathletes during cycle ergometer and treadmill exercise. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Boone, North Carolina.

- Singh, M. M., Cureton, K. J., Jenkins, J. O., Hitri, A., & Bunnell, B. N. (1985, March). Influence of gender, physical condition, beta endorphin, and mood on the perception and experience of pain. Paper presented at the Annual Meeting of the American Psychosomatic Society, Washington, D. C.
- Boineau, R. E., Cureton, K. J., Hitri, A., DeMello, J. J., & Singh, M. M. (1985, May). Effects of state of training and gender on plasma beta endorphin responses to exercise. Paper presented at the Annual Meeting of the American College of Sports Medicine, Nashville, Tennessee.
- DeMello, J. J., Cureton, K. J., Boineau, R. E., & Singh, M. M. (1985, May). Effects of state of training and gender on ratings of perceived exertion at the lactate threshold. Paper presented at the annual meeting of the American College of Sports Medicine, Nashville, Tennessee.
- Collins, M. A., Hill, D. W., Cureton, K. J., & Ray, C. A. (1985, October). Oxygen uptake/heart rate relationship during weight lifting. Paper presented at the Annual Meeting of the Canadian Association of Sport Sciences, Quebec City, Quebec, Canada.
- Hill, D. W., Cureton, K. J., Grisham, S. C., & Collins, M. A. (1985, October). Perceived exertion at different times of day. Paper presented at the Annual Meeting of the Canadian Association of Sport Sciences, Quebec City, Quebec, Canada.
- Collins, M. A., Cureton, K. J., Hill, D. W., & Ray, C. A. (1986, February). Relation of metabolic and cardiorespiratory responses to intensity of weight lifting. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Athens, Georgia.
- Millard, M. L., & Cureton, K. J. (1986, February). Diet analysis of amateur and professional male triathletes. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Athens, Georgia.
- Vickery, S. R., Collins, M. A., & Cureton, K. J. (1986, April). Effect of musculoskeletal development on prediction of body density. Paper presented at the National AAHPERD Convention, Cincinnati, Ohio.
- Cureton, K. J. (1986, April). Field tests of cardiorespiratory endurance. Paper presented as part of a symposium on Measurement Issues Associated with Physical Fitness Testing, National AAHPERD Convention, Cincinnati, Ohio.
- Cureton, K. J. (1986, April). Importance of VO₂max for endurance performance. Paper presented as part of a symposium on "Quantifying Endurance Running Potential and Current Status", National AAHPERD Convention, Cincinnati, Ohio.
- Cureton, K. J., Collins, M. A., Hill, D. W., McElhannon, F. M., & Davis, P. L. (1986, May). Exercise-induced muscle hypertrophy in men and women. Paper presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, Indiana.

- Hill, D. W., Grisham, S. C., Cureton, K. J., & Collins, M. A. (1986, May). Effect of training on the rating of perceived exertion at the ventilatory threshold. Paper presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, Indiana.
- Millard, M., Cureton, K., & Ray, C. (1986, May). Effect of a glucose polymer dietary supplement on physiological responses during a simulated triathlon. Paper presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, Indiana.
- Vickery, S. R., Collins and, M. A., & Cureton, K. J. (1986, May). Effect of race on prediction of body density. Paper presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, Indiana.
- Cureton, K. (1986, October). Field tests of cardiorespiratory fitness. Invited paper presented at an open hearing on Youth Fitness Testing, Chicago, IL.
- Millard, M., Cureton, K., & Farris, J. (1986, July). Physiological and perceptual responses during a simulated triathlon. Paper presented at the annual meeting of the Canadian Association of Sport Sciences, Ottawa, Canada.
- Smith, T., Cureton, K., Collins, M., Prusaczyk, K., & Woodward, J. (1987, February). Gender differences in plasma volume and central circulatory responses to prolonged exercise. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Charleston, SC.
- Collins, M., Cureton, K., Hill, D., & Davis, P. L. (1987, February). Sex difference in muscle distribution. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Charleston, SC.
- Collins, M. A., Cureton, K. J., & Hill, D. W. (1987, May). Validation of anthropometric estimates of muscle-plus-bone cross-sectional area. Paper presented at the Annual Meeting of the American College of Sports Medicine, Las Vegas, NV.
- Hill, D. W., Cureton, K. J., Collins, M. A. & Grisham, S. C. (1987, May). Temporal specificity in exercise training. Paper presented at the Annual Meeting of the American College of Sports Medicine, Las Vegas, NV.
- Cureton, K. Gender differences in responses and adaptations to exercise. (1987, June). Paper presented at the Art and Science of Sports Medicine 1987: A Post-Graduate Course on Selected Topics in Sports Medicine, University of Virginia, Charlottesville, VA.
- Graham, R., Cureton, K., & DeMello, J. (1988, January). Determinants of perceived exertion during treadmill exercise in trained and untrained men and women. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Winston-Salem, NC.

- Ray, C. A., Cureton, K. J., DeMello, J. J., DuVal, H. P., & Collins, M.A. (1988, January). 2-3 Diphosphoglycerate response to submaximal and maximal exercise in trained and untrained men and women. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Winston-Salem, NC.
- Warren, G., Cureton, K., Wyllie, J., Dengel, D., Graham, R., & Ray, C. (1988, May). Is the sex differences in peak VO₂max greater in arm exercise than leg exercise? Paper presented at the annual meeting of the American College of Sports Medicine, Dallas, TX.
- Prusaczyk, W. K., Cureton, K. J., Graham, R. E., Gilliam, J. S., & Ray, C.A. (1988, May). Effects of substrate utilization on ratings of perceived exertion at the lactate and ventilatory thresholds. Paper presented at the Annual Meeting of the American College of Sports Medicine, Dallas, TX.
- Cureton, K. J., & Warren, G. L. (1989, April). Validation of criterion-referenced standards for the mile run/walk test. Paper presented at the National AAHPERD Convention, Boston, MA.
- Cureton, K. J. (1989, April). Physiological differences affecting performance: Metabolism and central circulation. Paper presented at the National AAHPERD Convention, Boston, MA.
- Cureton, K. J. (1989, June). Ratings of perceived exertion, hyperventilation and blood lactate during arm and leg exercise. Paper presented at the Annual Meeting of the American College of Sports Medicine.
- Warren, G. L., Cureton, K. J., & Sparling, P. B. (1989, October). Does lung function limit performance in a 24-hour ultramarathon? Paper presented at the First IOC World Congress on Sport Sciences, Colorado Springs, CO.
- Warren, G. L., Cureton, K. J., & Middendorf, W. F. (1989, October). Pulmonary capillary red blood cell transit time during exercise in highly-trained cyclists. Paper presented at the Fall Meeting of the American Physiological Society, Rochester, MN.
- Warren, G., Cureton, K., Middendorf, W., Ray, C., & Warren, J. (1990, February). Validity and reliability of pulse oximetry in highly-trained athletes. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Columbia, SC.
- Conley, D. S., Cureton, K. J., Dengel, D. R., & Weyand, P. G. (1990, February). Validation of the 12-minute swim as a field test of maximal aerobic power. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Columbia, SC.
- McCormack, W. P., Cureton, K. J., Bullock, T. A., & Weyand, P. G. (1990, February). Evaluation of the fitnessgram one-mile run/walk criterion-referenced standards. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Columbia, SC.

- Cureton, K., Warren, G., Middendorf, W., Ray, C., & Warren, J. (1990, February). Lung diffusing capacity in highly-trained endurance athletes. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Columbia, SC.
- Middendorf, W. G. Warren, K. Cureton, C. Ray, & Warren, J. (1990, February). Incidence of exercise induced hypoxemia in male and female athletes. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Columbia, SC.
- Cureton, K. J. (1990, February). Physical and physiological relationships between body size and body composition and physical performance: Experimental studies (manipulation). Paper presented at a workshop on Body composition and Military Performance sponsored by the Institute of Medicine, Food and Nutrition Board of the National Academy of Sciences, Washington, D.C.
- Cureton, K. J. (1990, May). Procedure for setting distance run standards. Paper presented at the annual meeting of the American College of Sports Medicine, Salt Lake City, Utah.
- Ray, C., Cureton, K., & Ouzts, H. (1990, May). Postural specificity of cardiovascular adaptations to supine and upright exercise training. Paper presented at the annual meeting of the American College of Sports Medicine, Salt Lake City, Utah.
- Warren, G., Cureton, K., Middendorf, W., Ray, C., & Warren, J. (1990, May). The role of diffusion limitation in exercise-induced hypoxemia. Paper presented at the annual meeting of the American College of Sports Medicine, Salt Lake City, Utah.
- McCormack, W., Cureton, K., Bullock, T., & Weyand, P. (1990, May). Metabolic determinants of one-mile run/walk performance in children. Paper presented at the annual meeting of the American College of Sports Medicine, Salt Lake City, Utah.
- Cureton, K. (1990, September). Fitness standards for children - how fit? how active? Paper presented at a conference on fitness through physical education, Columbia, South Carolina.
- Conley, D., Cureton, K., Higbie, E., Hinson, B., & Weyand, P. (1990, February). Metabolic determinants of 12-minute swim performance in young women. Paper presented at the Southeast Chapter Meeting of the American College of Sports Medicine, Louisville, KY.
- Conley, D. S., Cureton, K. J., Dengel, D. R., & Weyand, P. G. (1991, April). Comparison of the validity of the 12-minute swim and run tests as field tests of maximal aerobic power in young men. Paper presented at the National AAHPERD convention. San Francisco, CA.
- Dengel, D., Weyand, P., Black, D., & Cureton, K. (1991, May). Effect of dehydration on ratings of perceived exertion. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.

- Conley, D. S., Cureton, K. J., Dengel, D. R., Higbie, E. J., Hinson, B. T., & Weyand, P. G. (1991, May). Metabolic determinants of 12-minute swim performance in young men and women. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Cureton, K. J., & Conley, D. S. (1991, November). Evaluation of aerobic fitness from 12-minute swim performance. Paper presented at the National Water Fitness conference, Portland, OR.
- Cureton, K. J. (1991, November). Importance of research on water fitness. Presentation given at the National Water Fitness Conference, Portland, OR.
- O'Bannon, J. P., Sloniger, M. A., & Cureton, K. J. (1992, February). Percentage of VO₂max utilized during the one-mile run/walk in college men and women. Paper presented at the Southeast Chapter meeting of the American College of Sports Medicine, Auburn, AL.
- Conley, D. S., Cureton, K. J., Dengel, D. R., Hinson, B. T., Higbie, E. A., & Weyand, P. G. (1992, February). Comparison of the 12-minute swim and run as field tests of peak aerobic power in young men and women. Paper presented at the Southeast Chapter meeting of the American College of Sports Medicine, Auburn, AL.
- Hinson, B. T., Dengel, D. R., & Cureton, K. J. (1992, February). Markers of muscle damage following prolonged swimming, cycling, and running and a triathlon competition. Paper presented at the Southeast Chapter meeting of the American College of Sports Medicine, Auburn, AL.
- Sloniger, M. A., O'Bannon, J. P., & Cureton, K. J. (1992, February). Relations of anaerobic energy utilized to one-mile run/walk performance in college men and women. Paper presented at the Southeast Chapter meeting of the American College of Sports Medicine, Auburn, AL.
- Weyand, P., Conley, D., Higbie, E., & Cureton, K. (1992, February). Maximal oxygen deficit during one- and two-legged cycling in men and women. Paper presented at the Southeast Chapter meeting of the American College of Sports Medicine, Auburn, AL.
- Weyand, P., Conley, D., Sloniger, M., Liu, Y., Higbie, E., Hinson, B., Carrasco, D., Prior, B. & Cureton, K. (1992, May). Maximal oxygen deficit as a predictor of sprint and middle-distance track performance. Paper presented at the annual meeting of the American College of Sports Medicine, Dallas, TX.
- Sloniger, M., Weyand, P., Conley, D., Liu, Y., & Cureton, K. (1992, May). Performance implications of velocity-specific estimates of running economy in sprinters and distance runners. Paper presented at the annual meeting of the American College of Sports Medicine, Dallas, TX.

- Sloniger, M., O'Bannon, J., & Cureton, K. (1993, June). Relation of anaerobic energy expenditure to one-mile run/walk performance in college men and women. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Cureton, K. & Conley, D. (1993, June). Relation of percent body fat to distance swim performance in recreational and competitive swimmers. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Conley, D., Cureton, K., Prior, B., Sloniger, M., & Weyand, P. (1993, June). Metabolic determinants of 12-minute swim performance in male and female recreational swimmers. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Weyand, P., Cureton, K., Conley, D., & Sloniger, M. (1993, June). Percentage of anaerobic energy utilized during track running events. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Cureton, K. (1994, January). Body composition, metabolism, gender and human performance. SEACSM Scholar Lecture, Southeast Chapter Meeting of the American College of Sports Medicine, Greensboro, NC.
- Higbie, E. J., Cureton, K. J., Warren, G. L., & Prior, B. M. (1994, June). Effects of concentric and eccentric isokinetic training on muscle strength, cross-sectional area and neural activation. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Sloniger, M. A., Carrasco, D. I., Prior, B. M., Rowe, D. A., Thompson, R. W., & Cureton, K. J. (1994, June). Effect of the oxygen uptake slow-component rise on VO₂max. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Conley, D. S., Cureton, K. J., Weyand, P. G., Dengel, D. R., & Higbie, E. J. (1994, June). Prediction of peak aerobic power from 12-minute swim performance in recreational and competitive swimmers. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Weyand, P., Cureton, K., Sloniger, M., & Conley, D. (1994, June). Peak oxygen deficit predicts sprint running performance in sprint and endurance athletes. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Walker, G. T., Cureton, K. J., DuVal, H. P., Prior, B. M., & Sloniger, M. A. (1994, June). Effects of external loading on peak oxygen deficit during treadmill running. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.

- Buckworth, J., Dishman, R. K., & Cureton, K. J. (1994, June). Effects of aerobic fitness on cardiovascular reactivity and the carotid baroreflex in women with parental history of hypertension. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Cureton, K. J. (1994, November). Body composition, gender and human performance. Presentation given for the Southeast Chapter, American College of Sports Medicine lecture tour, Hattiesburg, MS, New Orleans, LA, Lexington, KY, and Johnson City, TN.
- Cureton, K. J. (1995, February). Gender differences in physiology underlying athletic performance. Presentation given as part of a symposium on "Psychobiological Aspects of Performance and Health," American Association for the Advancement of Science Annual Meeting, Atlanta, GA.
- Modlesky, C., Cureton, K., Lewis, R., Prior, B., Sloniger, M., & Rowe, D. (1995, April). Validation of densitometric estimates of body composition with a four-component model in men with high musculoskeletal development. Paper presented at the Experimental Biology Annual Meeting, Atlanta, GA.
- Thompson, R., Cureton, K., & Sloniger, M. (1995, June). Effects of environmental temperature on oxygen deficit during submaximal exercise. Paper presented at the annual meeting of the American College of Sports Medicine, Minneapolis, MN.
- Cureton, K., Sloniger, M., Rowe, D., Black, D., & McCormick, W. (1995, June). Metabolic determinants of age-related changes in one-mile run/walk performance in boys and girls. Paper presented at the annual meeting of the American College of Sports Medicine, Minneapolis, MN.
- Cureton, K. (1996, April). Criterion-referenced standards for aerobic capacity. Paper presented as part of a symposium titled Youth Fitness and Activity Assessment. National AAHPERD Convention, Atlanta, GA.
- Cureton, K. (1996, May). Criterion-referenced standards for youth fitness. T. K. Cureton Tutorial Lecture presented at the annual meeting of the American College of Sports Medicine, Cincinnati, OH.
- Evans, E. W. & Cureton, K. J. (1996, May). Metabolic, circulatory and perceptual responses to bench stepping in water. Paper presented at the annual meeting of the American College of Sports Medicine, Cincinnati, OH.
- Prior, B., Cureton, K., Modlesky, C., Evans, E., Sloniger, M., Saunders, M., & Lewis, R. (1997, April). In Vivo validation of whole-body composition estimates from dual-energy x-ray absorptiometry. Paper presented at Experimental Biology 97, New Orleans, LA.
- Sloniger, M., Cureton, K., Prior, B., & Evans, E. (1997, April). Lower-extremity muscle activation during horizontal and uphill running. Paper presented at Experimental Biology 97, New Orleans, LA.

- Sloniger, M. A., Cureton, K. J., Prior, B. M., & Evans, E. M. (1997, May). Anaerobic capacity and muscle activation during horizontal and uphill running. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Modlesky, C. M., Prior, B. M., Lewis, R. D., & Cureton, K. J. (1997, May). Measurement of body composition in tall individuals using dual-energy s-ray absorptiometry. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Evans, E. M., Prior, B. M., Modlesky, C. M., Sloniger, M. A., Lewis, R. S., & Cureton, K. J. (1997, May). Relation of bone mineral content and density to mineral content of the fat-free mass. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Prior, B. M., Evans, E. M., Modlesky, C. M., Sloniger, M. A., Lewis, R. L., & Cureton, K. J. (1997, May). Density and composition of the fat-free mass in athletes. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Sloniger, M. A., Prior, B. M., Evans, E. M., & Cureton, K. J. (1998, May). Use of the rectus femoris muscle during horizontal and uphill running. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Saunders, M. J., Evans, E. M., Flowers, G. W., Allison, J. D., & Cureton, K. J. (1998, May). Muscle use and the slow component rise in oxygen uptake. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Evans, E. M., Spano, M. A., Saunders, M. J., & Cureton, K. J. (1998, May). Effects of diet and exercise on the density of the fat-free mass in obese women. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Modlesky, C. M., Evans, E. M., Millard-Stafford, M. L., Collins, M. A., Lewis, R. D., & Cureton, K. J. (1998, May). Impact of using bone mineral content from two different dual-energy x-ray absorptiometers on four-component model estimates of body composition. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Collins, M. A., Millard-Stafford, M. L., Collins, M. A., Lewis, R. D., & Cureton, K. J. (1998, May). Validation of air displacement plethysmography for estimating body composition in you adults. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
- Cureton, K. J., Evans, E. M., & Arngrimsson, S.A. (1999, June) Accuracy of body composition estimates from multicomponent models using BIA to determine body water. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.

- Arngrimsson, S. A., Evans, E. M., Saunders, M. J., Ogburn, C. L., Lewis, R. D., & Cureton, K. J. (1999, June). Validation of body composition estimates in distance runners using estimates from a four-component model. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Ogburn, C. L., Arngrimsson, S. A., Evans, E. M., Modlesky, C. M., & Cureton, K. J. (1999, June). Bone mineral density, bone biomarkers, and hormonal profiles of college cross-country runners and controls. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Williams, R. H., Gregory, C. M., Stevenson, S. W., Saunders, M. J., Arngrimsson, S. A., & Cureton, K. J. (1999, June). Muscle glycogen loss & enzyme capacity. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Saunders, M. J., Evans, E. M., Arngrimsson, S. A., Allison, Warren, G. L., & Cureton, K. J. (2000, January). Relation between muscle activation and the slow component rise in oxygen uptake during cycling. Paper presented at the annual meeting of the Southeast Chapter of the American College of Sports Medicine, Charlotte, NC.
- Saunders, M. J., Evans, E. M., Arngrimsson, S. A., Allison, J. D., & Cureton, K. J. (2000). Changes in muscle activation and oxygen uptake during submaximal exercise following endurance training. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Arngrimsson, S. A., Prior, B. M., & Cureton, K. J. (2000, June). Variability in the skeletal muscle fraction of the fat-free mass in collegiate athletes and nonathletes. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Collins, M. A., Millard-Stafford, M. L., Snow, T. K., Roskopf, L. B., Evans, E. M., & Cureton, K. J. (2000, June). Impact of body density via air displacement plethysmography on %fat estimates using a 4-component model. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Arngrimsson, S. A. & Cureton, K. J. (2001, February). Does attainment of a critical body core temperature limit endurance performance and VO₂max in the heat? Tutorial presented at the annual meeting of the Southeast Chapter of the American College of Sport Medicine, Columbia, SC.
- Arngrimsson, S. A., D. J. Stewart, F. Borrani, K. A. Skinner, & K. J. Cureton. (2001, May). Critical core temperature limits VO₂max in the heat. Paper presented at the annual meeting of the American College of Sports Medicine, Baltimore, MD.
- Powell, L. A., D. C. Nieman, C. Melby, K. Cureton, D. Schmidt, & E. T. Howley. (2001, May). Assessment of body composition change in a community-based weight management program. Paper presented at the annual meeting of the American College of Sports Medicine, Baltimore, MD.

- Cureton, K. J. (2001, July). Effectiveness of sports drinks. Invited presentation given at workshop on sports beverages sponsored by The Coca Cola Company, Atlanta, GA.
- Cureton, K. J. (2001, November). Hyperthermia, VO₂max and physical performance in the heat. Invited presentation given to the Department of Kinesiology, University of Illinois at Urbana-Champaign, Urbana, IL.
- Cureton, J. J. (2001, December). Effect of pre-cooling during warm-up on 5,000-km run performance. Paper presented at the U.S.A. Track and Field Convention, Mobile, AL.
- Stewart, D. J., Arngrimsson, S. A., & Cureton, K. J. (May, 2002). Persistent effect of resistance exercise on postprandial lipemia. Paper presented at the annual meeting of the American College of Sports Medicine, St. Louis, MO.
- Rogozinski, T. J., Stewart, D. J., Arngrimsson, S. A., Jorgensen, D., & Cureton, K. J. (May, 2002). Carbohydrate-electrolyte ingestion minimizes the detrimental effect of heat on prolonged cycling performance. Paper presented at the annual meeting of the American College of Sports Medicine, St. Louis, MO.
- Arngrimsson, S. A., Stewart, D. J., Rogozinski, T. J., Jorgensen, D., & Cureton, K. J. (May, 2002). Ice vest worn during warm-up does not enhance 5-K run performance in the heat. Paper presented at the annual meeting of the American College of Sports Medicine, St. Louis, MO.
- Cureton, K. J. & Bishop, P. A. (January, 2003). Getting published: the manuscript review process and the nasty referee. Symposium at the annual meeting of the Southeast Chapter of the American College of Sports Medicine, Atlanta, GA.
- Millard-Stafford, M. & Cureton, K. J. (January, 2003). Sport drinks: Does a small concentration difference matter? Tutorial at the annual meeting of the Southeast Chapter of the American College of Sports Medicine, Atlanta, GA.
- Wingo, J. E., Cureton, K. J., Millard-Stafford, M. L., & Stueck, M. G. (May, 2003). Effects of sport drink ingestion in male and female cyclists. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA.
- Tomporowski, P. D. & K. J. Cureton. (May, 2003). Effects of fluid intake during prolonged exercise on cognitive performance. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA.
- Collins, M. A., Millard-Stafford, M. L., Evans, E. M., Snow, T. K., Cureton, K. J., & Roskopf, L. B. (May, 2004). Effect of musculoskeletal development on the accuracy of air displacement plethysmography. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Wingo, J., LaFrenz, A., Stueck, M. & Cureton, K. J. (May, 2004). Effect of cardiovascular drift on maximal oxygen uptake: influence of hydration. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.

- Wingo, J., LaFrenz, A. J., Ganio, M. S., & Cureton, K. J. (June, 2005). Effect of cardiovascular drift on maximal oxygen uptake at two ambient temperatures. Paper presented at the annual meeting of the American College of Sports Medicine, Nashville, TN.
- Ganio, M., Wingo, J. E., Carroll, C., Thomas, M. K., & Cureton, K. J. (June, 2005). Fluid ingestion attenuates the decline in VO₂max associated with cardiovascular drift. Paper presented at the annual meeting of the American College of Sports Medicine, Nashville, TN.
- Tomporowski, P. D., Beasman, K., Ganio, M.S. & Cureton, K. (August, 2005) Cognitive performance following bouts of cycling to voluntary exhaustion. Paper presented at the International Society of Sport Psychology World Congress of Sport Psychology meeting, Sidney, Australia.
- Tomporowski, P. D., Beasman, K., Ganio, M. S., & Cureton K. (September, 2005). Cognitive performance following exercise-induced dehydration. Paper presented at the Third Annual Meeting of Human Performance in Extreme Environments, Orlando, FL.
- Cureton, K. J. Caffeine and exercise performance. (June, 2006). Paper presented as part of a symposium titled: Moderate caffeine intake: Physiological, psychological and exercise performance effects at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Newlin, M. K., Wingo, J. E., Ganio, M. S., Trilk, J. L., & Cureton, K. J. (June, 2006). Validation of the Polar S410 heart rate monitor for estimating energy expenditure in women. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Wingo, J. E. & Cureton, K. J. (June, 2006). Effect of exercise at constant heart rate on maximal oxygen uptake during heat stress. Presentation at the annual meeting of the American College of Sports Medicine, Denver, CO.
- Wingo, J. E. & Cureton, K. J. (September, 2006). Body cooling attenuates the decrease in maximal oxygen uptake associated with cardiovascular drift during heat stress. Presentation at the ACSM Conference on Integrative Physiology of Exercise, Indianapolis, IN.
- Millard-Stafford, M., Cureton, K. J., Wingo, J. E., Trilk, J. L., & Warren, G. L. (September, 2006). Caffeine co-ingested with carbohydrate: Ergogenic effects without altered metabolism during exercise in the heat. Presentation at the ACSM Conference on Integrative Physiology of Exercise, Indianapolis, IN.
- Trilk, J. L., Millard-Stafford, M. L., Cureton, K. J., Wingo, J. E., Warren, G. L., & Buyckx, M. (June, 2007). Hydration during exercise in warm, humid conditions: effect of a caffeinated sports drink. Presentation at the annual meeting of the American College of Sports Medicine, New Orleans, LA.

- Jenkins, N. T., Trilk, J. L., Singahl, A., O'Connor, P. J. & Cureton, K. J. (May, 2007). Ergogenic, metabolic and perceptual effects of low doses of caffeine. Presentation at the annual meeting of the American College of Sports Medicine, New Orleans, LA.
- Cureton, K. J. (October, 2007). Reflections on 30 years of research. KCH Distinguished Alumni Lecture, Department of Kinesiology and Community Health, College of Health Sciences, University of Illinois at Urbana-Champaign.
- Singhal, A., Trilk, J. L., Jenkins, N. T., Bigelman, K. A., & Cureton, K. J. (May, 2008). Effect of intensity of resistance exercise on postprandial lipemia. Presentation at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- Cureton, K. J. (January, 2009). The sources and consequences of athlete burnout among collegiate athletes: Reaction from an exercise physiologist. Presentation given at the 2009 NCAA Scholarly Colloquium on College Sports, Washington, D. C.
- Trilk, J. L., Singhal, A., Bigelman, K.A. & Cureton, K.J. (April, 2009). Sprint interval training increases VO₂max and central circulatory capacity in sedentary, overweight women. Paper presented at the Experimental Biology annual meeting, New Orleans, LA.
- Pasley, J. D., Singhal, A., Bigelman, K. A., Trilk, J. L., & Cureton, K. J. (May, 2009). Short-duration quercetin supplementation does not decrease pain intensity associated with high-intensity cycling in untrained men. Paper presented at the annual meeting of the American Pain Society, San Diego, CA.
- Pasley, J.D., Singhal, A., Bigelman, K. A., & Cureton, K. J. (June, 2009). Short-duration quercetin supplementation does not alter mood associated with high-intensity cycling in untrained men. Paper presented at the Institutional Research and Academic Achievement Conference, San Francisco, CA.
- Cureton, K. J., Singhal, A., Pasley, J. D., Bigelman, K. A., Trilk, J. L., & McCully, K. K. (May, 2009). Short-duration quercetin supplementation does not improve VO₂peak or cycling performance in untrained men. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Bigelman, K. A., Singhal, A., Pasley, J. D., Trilk, J. L., & Cureton, K. J. (May, 2009). Short-duration quercetin supplementation does not alter substrate utilization, cycling economy, or RPE in untrained men. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Trilk, J. L., Bigelman, K. A., Singhal, A., & Cureton, K. J. (May, 2009). Effects of sprint interval training on insulin sensitivity and glucose tolerance in sedentary, overweight women. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.
- Hinriksdóttir, G., Arngrímsson, S. A., Prior, B. M., & Cureton, K. J. (May, 2009). Body mass index misclassifies fatness of college athletes. Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA.

COURSES TAUGHT:**Undergraduate:**

Exercise Physiology

Graduate:

Metabolic and Cardiorespiratory Aspects of Exercise

Advanced Topics in Exercise Physiology

Physical Fitness Programs

Computer Tools for Research

SUPERVISION OF GRADUATE STUDENT RESEARCH:**Master's Theses:**

Johnson, S. (1978). Excess weight and the motor performance of female college athletes. M. A. thesis, The University of Georgia, Athens, Georgia.

Little, K. (1980). Effects of a season of intercollegiate volleyball on selected structural, physiological and performance measures of women. M. A. thesis, The University of Georgia, Athens, Georgia.

Martucci, D. (1981). Effect of caffeine ingestion on fuel utilization and endurance of trained and untrained men. M. A. thesis, The University of Georgia, Athens, Georgia.

Wilson, G. (1984). Effect of glycogen depletion and glycogen loading on anaerobic threshold and distance running performance. M. A. thesis, The University of Georgia, Athens, Georgia.

Boineau, R. (1984). B-Endorphin responses to submaximal and maximal exercise in trained and untrained men and women. M. A. thesis, The University of Georgia, Athens, Georgia.

Farris, T. (1986). Metabolic, cardiorespiratory and perceptual responses to a simulated triathlon. M. A. thesis, The University of Georgia, Athens, Georgia.

Gremillion, M. (1986). Cross-validation of equations for predicting body density from skinfolds on elderly women. M. A. thesis, The University of Georgia, Athens, Georgia.

McCormack, W. P. (1989). Validation of the fitnessgram one-mile run/walk criterion-referenced standards. M. A. thesis, The University of Georgia, Athens, Georgia.

Black, D. M. (1990). Validation of fitnessgram and AAHPERD one-mile run/walk criterion-referenced standards for youth 13 to 17 years of age. M. A. thesis, The University of Georgia, Athens, Georgia.

- Hinson, B.A. (1991). Markers of muscle damage following prolonged swimming, cycling and running and a triathlon competition. M. A. thesis, The University of Georgia, Athens, Georgia.
- O'Bannon, J. P. (1992). Validation of Fitnessgram one-mile run/walk criterion-referenced standards in men and women 18 to 25 years of age. M. A. thesis, The University of Georgia, Athens, Georgia.
- Sloniger, M. (1992). Relation of anaerobic capacity and anaerobic energy utilized to one-mile run/walk performance in men and women. M. A. thesis, The University of Georgia, Athens, Georgia.
- Carrasco, D. (1993). Anaerobic capacity and performance of cyclists: Effect of dietary carbohydrate. M. A. thesis, The University of Georgia, Athens, Georgia.
- Modlesky, C. (1995). Estimates of body composition using a four-component model in weight trainers with high musculoskeletal development. M. A. thesis, The University of Georgia, Athens, Georgia.
- Thompson, R. (1997). Effects of environmental temperature on anaerobic metabolism during submaximal exercise. M. A. thesis, The University of Georgia, Athens, Georgia.
- Arngrimsson, S. (1998). Validity of body composition estimates in male and female distance runners using estimates from a four-component model. M.A. thesis, The University of Georgia, Athens, Georgia.
- Brown, A. (1999). Effects of dietary creatine supplementation on body composition assessed using a four-component model. M. A. Thesis, The University of Georgia, Athens, Georgia.
- Skinner, K. A. (2001). Effect of three days of acute resistance exercise on insulin and glucose responses in older men and women. M. A. Thesis, The University of Georgia, Athens, Georgia.
- Lafrenz, A. (2004). Effect of cardiovascular drift on maximal oxygen uptake at two ambient temperatures. M.S. Thesis, The University of Georgia, Athens.
- Hines, L. J. (2004). Effect of cardiovascular drift on maximal oxygen uptake during walking and cycling. M.S. Thesis, The University of Georgia, Athens.
- Ganio, M. (2004). Fluid ingestion attenuates the decline in maximal oxygen uptake associated with cardiovascular drift. M.S. Thesis, The University of Georgia, Athens, GA.
- Thomas, M. (2005). Validation of the Polar S410 heart rate monitor for estimating energy expenditure in women. M.S. Thesis, The University of Georgia, Athens, GA.
- Jenkins, N. (2007). Ergogenic, metabolic and perceptual effects of low doses of caffeine. M. S. Thesis, The University of Georgia, Athens, GA.

Singhal, A. (2007). Effect of intensity of resistance exercise on postprandial lipemia. M. S. Thesis, The University of Georgia, Athens, GA.

Doctoral Dissertations:

Evans, B. (1979). Effect of physical conditioning on lactic acid removal rate. Ed.D. dissertation, The University of Georgia, Athens, Georgia. (With Dr. Clifford Lewis)

Sparling, P. (1979). Biologic determinants of the sex difference in distance running performance among trained runners. Ed.D. dissertation, The University of Georgia, Athens, Georgia. (With Dr. Ernest Bundschuh)

Weiss, L. (1979). Effect of heavy resistance weight lifting on serum testosterone and androstenedione. Ed.D. dissertation, The University of Georgia, Athens, Georgia. (With Dr. Ernest Bundschuh).

Kong, U. (1980). Effect of active and passive recovery practices on subsequent work performance. Ed.D. dissertation, The University of Georgia, Athens, Georgia. (With Dr. Ernest Bundschuh).

Purvis, J. (1980). Effect of physical conditioning on ratings of perceived exertion at anaerobic threshold. Ed.D. Dissertation, The University of Georgia, Athens, Georgia. (With Dr. Ann Jewett).

Zwiren, L. (1981). Comparison of central circulatory responses to exercise in trained men and women. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

Dowdy, D. (1982). Effects of aerobic dance on physical work capacity, cardiovascular function, and body composition of women. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

Hutchinson, P. (1982). Relationship of echocardiographically determined measures of heart size to maximal oxygen uptake and fat-free weight in men and women. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

Bishop, P. A. (1983). Biological determinants of the sex difference in muscular strength. Ed.D. Dissertation, The University of Georgia, Athens, Georgia.

DeMello, J. (1984). Ratings of perceived exertion at the anaerobic threshold in highly-trained and untrained men and women. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

Vickery, S. (1985). Effect of race and musculoskeletal development on prediction of body density in young males. Ph.D. dissertation, The University of Georgia, Athens, Georgia.

Collins, M. (1985). Plasma volume, metabolic, and cardiorespiratory responses to various intensities of weight lifting. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

- Hill, D. (1986). Temporal specificity of training. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Smith, T. (1986). Gender differences in plasma volume and central circulatory responses to prolonged exercise. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Millard, M. (1986). Effect of a glucose polymer dietary supplement on exercise performance and substrate utilization in triathletes. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Prusaczyk, W. K. (1987). The effect of dietary manipulation on ratings of perceived exertion at the lactate and ventilatory thresholds. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Ray, C. (1989). Cardiovascular adaptations to supine and upright exercise training. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Conley, D. (1989). Validation of the 12-minute swim as a field test of maximal aerobic power. Ed.D. dissertation, The University of Georgia, Athens, Georgia.
- Warren, G. (1989). The role of diffusion limitation in exercise-induced hypoxemia in endurance athletes? Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Dengel, D. (1990). Effect of dehydration on ratings of perceived exertion at the lactate and ventilatory thresholds. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Weyand, P. G. (1992). Peak oxygen deficit as a predictor of sprint and middle-distance track performance. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Higbie, E. J. (1994). Effects of concentric and eccentric isokinetic heavy-resistance training on quadriceps muscle strength, cross-sectional area and neural activation. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Sloniger, M. A. (1996). Anaerobic capacity and muscle activation during horizontal and uphill running. Ph.D. dissertation, The University of Georgia. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Prior, B. M. (1996). Body composition of athletes assessed using a four-component model. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Evans, E. M. (1998). Effects of diet and exercise on body composition assessed using a four-component model. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Sanders, M. J. (1998). Muscle activation and the slow-component rise in oxygen uptake. Ph.D. dissertation, The University of Georgia, Athens, Georgia.
- Walker, G. (1999). Effects of external loading on peak oxygen deficit during treadmill running. Ed.D. dissertation, The University of Georgia, Athens, Georgia.

Arngrimsson, S. A. (2001). Core temperature and maximal oxygen uptake during exercise in the heat: Implication for exercise prescription. Ph.D. dissertation, The University of Georgia, Athens, Georgia.

Stewart, D. (2002). Effects of aerobic and resistance exercise on post-prandial lipemia. Ph.D. dissertation, University of Georgia, Athens, GA.

Wingo, J. E. (2006). Cardiovascular drift and maximal oxygen uptake during heat stress. Ph.D. dissertation, University of Georgia, Athens, GA.

Bigelman, K. A. (2009). Effects of dietary quercetin supplementation on physical performance, mood, sleep, and illness during military physical training. Ph.D. dissertation, University of Georgia, Athens, GA.

Trilk, J. L. (2009). Effects of sprint interval training on insulin sensitivity, glucose tolerance, and central circulation in sedentary, overweight women. Ph.D. dissertation, University of Georgia, Athens, GA.

UNIVERSITY GOVERNANCE AND COMMITTEE WORK:

University:

Ad Hoc Committee of the Graduate School on Physiology Course Offerings, 1981

Graduate School Health and Clinical Sciences Area Committee for Graduate Faculty Appointment and Reappointment, 1982-1985, 1989-1992

Graduate School Committee to Evaluate the Graduate Program in Psychology, 1983-1984

Research Foundation Health and Clinical Sciences Area Committee to Evaluate Faculty Grant Proposals, 1985

Search Committee, Dean of the College of Education, 1994

Dietetics Advisory Board, Department of Foods and Nutrition, 1997

Promotion and Tenure Committee, Division of Academic Assistance, 1997

Search Committee for split faculty position in Gerontology/Exercise Science, 1997

College of Education representative to the Honor's Council, 1999

College of Education:

Graduate Courses and Programs Committee, 1981-1982 (Chairperson, 1982)

Faculty Senate, 1983-1985

Committee on Research Course Requirement for Master's Degree Programs, 1984

Steering Committee, Faculty Senate, 1985

Committee on Undergraduate Standards, 1986

Search Committee, Division of HPERD Chairperson, 1986

Promotion and Tenure Committee, 1987

Council of Department Heads, 1991

Search Committee for Dean of the College of Education, 1993

Promotion and Tenure Committee, 1994

Graduate Faculty Appointment and Reappointment Review Committee, 1995

Aderhold Award Selection Committee, 1995.

Graduate Faculty Appointments and Reappointments, 1996.

Senate Awards Committee, 1996

Post-tenure Review Committee, 1997

Office of Research Development and Outreach Review Committee, 2000

Promotion and Tenure, 2000-2002

Final ORDO Comprehensive Review Committee (Chair), 2001

Student Technology Fee Advisory Committee, 2001-2003

COE Reorganization Committee (Chair), 2003

Leadership Team/Administrative Cabinet (2003-)

Graduate Assistant Allocation Committee (2005)

Space Allocation Policy Committee (2006)

Faculty Centennial Planning Group (2007)

Strategic Planning/Vision Workgroup (2009)

COE Ad Hoc Research Committee (2009)

COE Ad Hoc Center Committee (2009)

School of Health and Human Performance:

Courses and Curriculum Committee, 1977-1978

Facilities Committee, 1977

Planning Committee for Evaluation of Division Structure, 1977-1978

Committee for Evaluation of Division Structure, 1977-1978

Research Committee, 1977-1980, 1983-1984

Search Committees, 1978, 1980, 1983, 1984, 1985

Graduate Faculty Committee, 1979-1982

Committee to Develop a Ph.D. Program in Physical Education, 1979-1982

Basic Physical Education Program Committee, 1979-1980

Executive Committee of the Adult Fitness/Wellness Program, 1980-1986

Committee to Develop a Division Statement on Promotion and Tenure Criteria, 1980-1981

Graduate Faculty Committee on the Doctoral Research Seminar, 1981-1983 (Chairperson)

Committee on Graduate Program Review, 1982 (Chairperson)

Soule Scholarship Award Committee, 1983-1985

Committee on Implementation of the Ph.D. Program in Physical Education, 1984

Division Graduate Faculty Committee, 1985-1988 (Chairperson)

Executive Committee, 1991-date

Committee to Review the Function of the Learning Resource Center, 1992

Department:

Advisory Committee (to Department Head), 1980-1988

Undergraduate Program Committee, 1980-1981

Committee to Develop a Noncertification Option for the Undergraduate Physical Education Program, 1982

Graduate Program Committee, 1980-1989

Graduate Faculty Committee (Chairperson), 1990-1991

Search Committee (Chairperson), for position vacancy in Exercise Science, 1991

Search Committee (Chairperson), for position vacancy in Exercise Science, 1992

Wrote proposal for new graduate major in Exercise Science, 1992

Search Committee (Chairperson), for position vacancy in Exercise Science, 1993

Wrote proposal for new admissions standards for the undergraduate major in Exercise and Sport Science, 1995.

Wrote proposal for new undergraduate curriculum program in athletic training, 1996.

Search Committee (Chairperson) for Athletic Training Curriculum Director, 1998

Search Committee (Chairperson) for position vacancy in Exercise Science, 1998

Wrote Physical Activity Specialization within new M.P.H. Degree proposal, 2002

Wrote proposal for M.S. degree nonthesis option, 2004