

Warren D. Franke

247 Forker Building
Department of Kinesiology
Iowa State University
Ames, IA 50011
(515) 294-8257

POSITION

Associate Department Chair (Major duty: oversight of facilities)
Professor (Undergraduate and graduate teaching, research, service)

EDUCATION

- 1991 Virginia Polytechnic Institute and State University
Ph.D. Educational Research and Evaluation with an emphasis in exercise physiology
Dissertation: Effects of α_1 -receptor blockade on the hemodynamic responses to
exercise in young normotensives and hypertensives
Major professor: William G. Herbert
- 1985 Wake Forest University
M.A. Health and Exercise Science with an emphasis in cardiac rehabilitation
Thesis: The effects of altered stride lengths on ratings of perceived exertion of
experienced runners
Major professor: Stephen P. Messier
- 1983 East Carolina University
B.S. (*Magna Cum Laude*) Physical Education with an emphasis in athletic training

PROFESSIONAL EXPERIENCE

- 2015- Associate Department Chair, Department of Kinesiology, Iowa State University
- 2010- Faculty, Human Computer Interaction Program
- 2008 - Promoted to the rank of Professor with tenure
- 2004-07 Director of Graduate Education, Dept. of Health and Human Performance
(*department name changed*)
- 2000- Faculty, Interdepartmental Gerontology Program
- 1998 Promoted to the rank of Associate Professor with tenure
- 1996-01 Faculty, Biomedical Engineering Graduate Program (*program terminated in 2001*)
- 1991-98 Assistant Professor, Department of Health and Human Performance
- 1991-18 Director, The Exercise Clinic at ISU
- 1990-91 Research Technician, Virginia-Maryland Regional College of Veterinary Medicine
- 1989-91 Laboratory Coordinator, Laboratory for Exercise, Sport, and Work Physiology and
Cardiac Therapy and Intervention Center, VPI&SU
- 1987-89 Exercise Staff Supervisor, Cardiac Therapy and Intervention Center, VPI&SU
- 1985-87 Director, Division of Cardiopulmonary Services, Palm Beach Institute of
Sports Medicine, Boca Raton, FL

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Member, American College of Sports Medicine (1981 – present)

Certification examiner, Exercise Specialist[®] (1987 – 91)

Certification director, Health Fitness Instructor[®], Central College, IA site (2000 – 2005), Mankato, MN site (2002)

ACSM's *Healthy People 2000* committee (1994 – 95)

Membership Committee (2001 – 2004)

Session chair, Annual Meeting (1992, 1999, 2003, 2008)

Member, American Physiological Society (1996 – 2002)

Journal Reviewer (ad hoc)

ACSM's Health & Fitness Journal (Editorial Board, 2007 – present), American Journal of Physiology: Heart and Circulatory Physiology, Aviation, Space and Environmental Medicine, Biological Psychology, Clinical Autonomic Research, Clinical Physiology, Industrial Health, International Archive of Occupational and Environmental Health, International Journal of Sports Medicine, Journal of Aging and Physical Activity, Journal of Aging Research, Journal of the American Geriatrics Society, Journal of Applied Physiology, Journal of Occupational and Environmental Medicine, Journal of Physical Activity & Health, Journal of Sport and Leisure, Medicine and Science in Sports and Exercise, North American Journal of Medical Sciences, Obesity, Occupational and Environmental Medicine, Preventive Medicine, Southern Medical Journal

Book Reviewer

Mayfield Publishing, Bull Publishing, Brown & Benchmark Publishers, Lippincott Williams & Wilkins

Grant Reviewer

Iowa Department of Public Health (1996)

WorkSafeBC, British Columbia (2003, 2006, 2008-11, 2014-16, 2018)

Workplace Safety Insurance Board, Ontario (2005, 2006, 2008-10, 2012)

Help the Aged (Charitable Organization), London, UK (2006)

NIOSH NORA Peer Review (2011)

Program Reviewer

Wellness Management major, Department of Physical Education and Health, Black Hills State University (2008)

CERTIFICATIONS

1996- Program Director, American College of Sports Medicine

1986- Exercise Specialist, American College of Sports Medicine

1984- Exercise Test Technologist, American College of Sports Medicine

1983-91 Certified Athletic Trainer, National Athletic Trainers Association

1983-87 NTE (now Praxis) teacher's certification for Physical Education, grades K-12

HONORS AND AWARDS

- 2018 Career Achievement in Outreach Award (*excellence in outreach*), College of Human Sciences, ISU.
- 2012 Rossmann Manatt Faculty Development Award (*research excellence*), College of Human Sciences, ISU.
- 2010 Career Achievement in Teaching Award (*teaching excellence*), College of Human Sciences, ISU.
- 2007 Recipient, *Character Counts!* “Citizen of Character: Community Member,” Ames, IA (*local award for exemplifying the 6 pillars of character underlying the national Character Counts! program*).
- 2001 Superior Teaching Medallion (*teaching excellence*), College of Education, Iowa State University.
- 1999 Invited participant, Corrections and Law Enforcement Family Support Symposium, National Institute of Justice.
- 1999 Superior Outreach Commendation (*excellence in outreach*), College of Education, Iowa State University.
- 1998 Who’s Who Among America’s Teachers.
- 1997 Outstanding Community-based Health Promotion Program, Governor’s Council on Physical Fitness (*member of “Story County 5+5 Program” committee receiving this award*).
- 1995 Fellow, American College of Sports Medicine.
- 1991 Outstanding Service Award, Cardiac Therapy and Intervention Center, VPI&SU.
- 1984-85 Graduate Fellow, Cardiac Rehabilitation Program, Wake Forest University.
- 1983 Nell L. Stallings Scholarship (*highest GPA*), Department of Health, Physical Education, Recreation, Dance and Safety, East Carolina University.
- 1983 Outstanding Service Award, Sports Medicine Division, East Carolina University.
- 1983 G.E. "Moose" Detty Postgraduate Scholarship, National Athletic Trainers Association.
- 1982 Frank Cramer Undergraduate Scholarship, National Athletic Trainers Association.
- 1982 Phi Kappa Phi Honor Society, East Carolina University.
- 1979-83 National Merit Scholar, East Carolina University.
- 1978 Eagle Scout, Boy Scouts of America.

TEACHING EXPERIENCE

- 1991- Iowa State University:
- KIN 363 – *Basic Electrocardiography (2 cr, developed course, taught 3 times.)*
 - KIN 381A, 381B – *Study Abroad Experience in Kinesiology (1 & 2 cr respectively, developed experimental courses, taught 1 time each)*
 - KIN 458 – *Principles of Fitness Assessment and Exercise Prescription (every semester, 4 cr., taught 60+ times)*
 - KIN 459 – *Internship in Exercise Leadership (every semester, 1 cr, taught 60+ times.)*
 - KIN 558 – *Physical Fitness—Principles, Programs and Evaluation (Fall, odd years; 3 cr., taught 13 times)*
 - ANS/KIN/NUTRS 549 – *Advanced Vertebrate Physiology (Fall, cardiovascular component only; 6 contact hour, taught 15+ times)*

- 1988-91 Virginia Polytechnic Institute and State University:
 EDPE 3063 – *Principles of Adult Fitness Programs*
 EDPE 5214 – *Exercise Testing and Prescription (laboratory component)*
 Numerous activity classes

CONTRACTS AND GRANTS (>\$5.0 million in total funding; ~\$2.9 million in external funding as PI; includes indirect costs; recent unfunded or pending submissions also listed)

External funding

- 2018-19 NASA. Adaptive stress training for hazardous conditions. \$99,998. Co-investigator (30%). *Funded.*
- 2018-20 DHS, FEMA. Improved textile materials for enhanced dermal protection for firefighter safety. \$1,499,912. Co-investigator (11%). *Scored in funding range but they were out of money when submitted in 2016; resubmitted.*
- 2018-20 Department of Homeland Security, FEMA (through Texas State University). Novice-to-Expert (N2E): Utilizing virtual reality to advance firefighters expertise and recover over-confidence. \$696,827. Co-investigator (15%). *Unfunded.*
- 2018-20 Department of Justice. Officers personality traits and improving decision making under stress (OPTIMUS). \$1,056,862. Co-investigator (8%). *Unfunded.*
- 2017-18 NASA. Onboard cognitive assistant to support crew efforts in off-nominal events. \$100,000. Co-investigator (10%). *Unfunded.*
- 2017 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$57,988.
- 2016 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$73,915.
- 2015 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$61,250.
- 2014-15 Applied Research Associates, Inc. Evaluating the value of dynamic terrain simulation on training quality. Co-investigator (5%). \$55,000.
- 2014 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$84,240.
- 2013 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$66,120.
- 2012-13 USDA/NIFA (Rural Health & Safety Education #2012-03438). Using evidence-based programming criteria to refine a community-based intergenerational exergaming program for rural America. Co-investigator (6%). \$168,329.
- 2012 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$76,940.
- 2011 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$60,290.
- 2010-11 USDA/NIFA (Rural Health and Safety Education # 2010-03643). Promoting older adult wellness through an intergenerational physical activity program. Co-investigator (5%). \$141,317.
- 2010 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$76,334.

- 2009-10 Iowa Soybean Association. The effect of soy protein on blood pressure in prehypertensive/Stage 1 hypertensive premenopausal women. Principle investigator (15%). \$120,000.
- 2009 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$65,540.
- 2009 Centers for Disease Control and Prevention. Iowa initiative for healthier schools and student wellness. Co-investigator (20%). \$383,187.
- 2008 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$77,270.
- 2007-08 BodyMedia, Inc. Modelling glucose responses in Type 2 diabetes and normal adults. Co-investigator (1/2 mo summer support). \$100,427.
- 2007-08 Gerontological Nursing Interventions Research Center/Hartford Center of Geriatric Nursing Excellence/Heartland Center for Occupational Health and Safety (a NIOSH funded Education and Research Center at University of Iowa). Stress mediators in law enforcement: Pilot study. Co-investigator (10%). \$28,798.
- 2007 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$61,545.
- 2007-08 NIOSH – 1 R21 OH008270-01. Concept: Stress, cytokines and heart disease in police. Principle investigator (30%). Requested \$400,895 and funded at \$360,798.
- 2006 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$70,390.
- 2005 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$50,280.
- 2004 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$62,100.
- 2003 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$55,940.
- 2002 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$70,085.
- 2002-05 NIAID 1 RO1AI49996-01A1. Exercise and influenza immunity: Psychoneuroendocrine model. Co-investigator (15%). \$897,340.
- 2001 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$62,465.
- 2000 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$74,080.
- 1999 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$64,950.
- 1999 Experimental and Applied Sciences. Impact of age on hormonal response to androgen supplementation. Co-investigator. \$100,680.
- 1998 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$75,625.
- 1997 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$61,545.
- 1996-97 United States Centers for Disease Control. Evaluation grant of a 5 a day nutrition program. Co-Principle Investigator (grant administered through Iowa's Department of Public Health). \$57,500.

- 1996-97 Metabolic Technologies, Inc. Effect of β -hydroxy β -methyl butyrate (HMB) on strength and body composition in weight training women. Co-investigator. \$8,500.
- 1995-96 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$72,186.
- 1995-96 Metabolic Technologies, Inc. Effect of β -hydroxy β -methyl butyrate (HMB) on strength and body composition in weight training adults. Co-investigator. \$9,000.
- 1994-95 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$69,930.
- 1994-95 Sigma Kappa Foundation for Gerontological Research. Physiological and biochemical adaptations to resistance training in elderly men and women. Co-investigator. \$5,000.
- 1993-94 Iowa Department of Public Safety. Health assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$65,475.
- 1992-93 Iowa Department of Public Safety. Health and fitness assessments of the personnel of the Department of Public Safety of the State of Iowa. Sole investigator. \$97,250.

Internal funding (*i.e., funding originating within Iowa State University*)

- 2015-17 CHS Research Enhancement Grant. Analysis of physiological strain and physical burden in chemical protective clothing. Co-investigator (5%). \$149,972.
- 2013-14 CHS Innovative Teaching Initiatives Grant. Healthy living throughout the life span: Using interactive online modules of human dynamism to prepare students to meet the challenges of an aging world. Co-principle investigator (time donated). \$30,000.
- 2012-13 Health Research Initiative Pursuit Funding, ISU. Preventing diabetes in African American adults: Identifying sustainable behavioral changes and understanding biological pathways. Co-investigator (20%). \$50,000.
- 2012-13 CHS Collaborative Seed Grant. Development and testing of innovative anthropometric tools to measure mid-arm muscle circumference (MAMC) and calf circumference (CC) for use with a modified Mini Nutrition Assessment (MNA) to aid in malnutrition risk assessment in community-residing older adults. Co-investigator. (5%). \$24,846.
- 2011-12 Strategic Initiative Funding, ISU. Simulator for enhancing emergency response (SEER): Decreasing fatalities with improved decision making. Co-principle investigator. \$196,500 (inc. funds from ISU central administration, College of Human Sciences, and College of Agriculture and Life Sciences).
- 2011-12 College of Human Sciences Innovative Teaching Initiatives Grant. Creating the best of both worlds: Online teaching with in-person laboratories. Principle Investigator. \$7,286.
- 2007-10 College of Human Sciences Entrepreneurial Program Initiative. Establishing a gait assessment program. Co-investigator (5%). \$45,000.
- 2007-09 College of Human Sciences Entrepreneurial Program Initiative. Exceptional longevity in rural environments. Co-investigator (time donated). \$41,178.
- 2006 College of Human Sciences Intramural Seed Grant. Vulnerability and resilience in older rural populations. Co-investigator (1/2 mo summer support). \$9,995.

- 2004-05 United States Department of Agriculture (via Center for Designing Foods to Improve Nutrition, ISU). Energy expenditure and the stress response in obese adolescents: implications for the pubertal metabolic syndrome. Co-investigator (time donated). \$32,575.
- 2000 Special Projects Research Initiation Grant, ISU. Gender differences in autonomic control of the cardiovascular system. Principle investigator. \$15,814.
- 1998-99 United States Department of Agriculture (via Center for Designing Foods to Improve Nutrition, ISU). Dietary and activity habits: Influence on human bioavailability of soybean isoflavones. Co-investigator. \$32,200.
- 1996 College of Education, ISU. Designation as a research signature area: The Exercise BioDynamics Research Group. \$45,000.
- 1995-96 Special Projects Research Initiation Grant, ISU. An Intelligent worker stress monitoring system. Co-investigator. \$7,408.
- 1994-95 Department of Public Safety, ISU. Health and fitness assessments of the DPS personnel. Principle investigator. \$3,000.
- 1992-93 NIH Biomedical Research Support Grant (ISU Research Grant). Effects of α_1 -receptor blockade on the hemodynamic responses to exercise in young normotensives and hypertensives. Principle investigator. \$4950.

REFEREED RESEARCH PUBLICATIONS (* student at time of data collection)

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1FAcBdS3GbUAE/bibliography/47429226/public/?sort=date&direction=descending>

- 1) Finseth T*, Keren N, Dorneich M, **Franke WD**, Anderson CC. Graduate stress exposure of spaceflight hazards trained in a virtual environment. *Journal of Cognitive Engineering and Decision Making*. *In press*.
- 2) Kim J*, Lang JA, Pilania N*, **Franke WD**. Effects of blood flow restricted exercise training on muscular strength and blood flow in older adults. *Exp Gerontol*. 2017;99:127-132.
- 3) Peyer K*, Ellingson LD, Bus K*, Walsh SA*, **Franke WD**, Welk GJ. Comparative effectiveness of guided weight loss and physical activity monitoring for weight loss and metabolic risks: A pilot study. *Prev Med Rep*. 2017;6:271-277.
- 4) Obhi HK*, Margrett J, Su Y, Francis SL, Lee Y-A, Crawford DA, **Franke WD**. Gerontological education: course and experiential differences across academic colleges. *Gerontol Geriatr Educ*. 2017 Sep 21. doi: 10.1080/02701960.2017.1373348.
- 5) Englund D*, Selsby J, Sharp RL, Ganesan SS, **Franke WD**. Resistance training performed at distinct angular velocities elicits velocity-specific alterations in muscle strength and mobility status in older adults. *Exp Gerontol*. 2017;91:51-56.
- 6) Schroeder EC*, Welk GJ, **Franke WD**, Lee DC. Associations of health club memberships with physical activity and cardiovascular health. *PLoS ONE*. 2017;12:e0170471. doi: 10.1371/journal.pone.0170471.
- 7) Sowle AJ*, Francis SL, Margrett JA, Shelley MC, **Franke WD**. A community-based exergaming physical activity program improves readiness-to-change and self-efficacy among rural-residing older adults. *J Aging Phys Act*. 2017;25:432-437.

- 8) Anderson AA*, HL Yoo*, **Franke WD**. Associations of physical activity and obesity to the risk of developing the metabolic syndrome in law enforcement officers. *J Occup Environ Med*. 2016;58:946-951.
- 9) Everding B*, Hallam J, Kohut ML, Lee DC, **Franke WD**. Association of sleep health with cardiovascular disease risk and mental health in law enforcement officers. *J Occup Environ Med*. 2016;58:e281-e286.
- 10) Anderson AA*, Keren N, Lilja A*, Godby KM*, Gilbert ST, **Franke WD**. Utility of baroreflex sensitivity as a marker of stress. *Journal of Cognitive Engineering and Decision Making*. 2016;10:167-177.
- 11) Ramey SL, Perkhounkova Y, Hein M, Chung S, **Franke WD**, Anderson AA*. Building resilience in an urban police department. *J Occup Environ Med*. 2016;58:796-804.
- 12) Sowle AJ*, Francis SL, Margrett JA, **Franke WD**. Utility of the Living (well through) Intergenerational Fitness and Exercise (LIFE) Program as a county-delivered Extension Program. *Journal of Extension*. 2016;54:4RIB5.
- 13) Heinz M*, Cho J*, Kelly N*, Martin P, Wong JS, **Franke WD**, Hsieh WH, Blaser J. The potential of three computer-based communication activities for supporting older adult independent living. *Information*. 2016;7, 26; doi:10.3390/info7020026.
- 14) Hoerr KA*, Francis SL, Margrett JA, Peterson M, **Franke WD**. Promoting the congregate meal program to the next generation of rural-residing older adults. *J Nutr Gerontol Geriatr*. 2016;35:113-123.
- 15) Calabró MA*, Kim Y*, **Franke WD**, Stewart JM, Welk, G.J. Objective and subjective measurement of energy expenditure in older adults: A doubly-labeled water study. *Eur J Clin Nutr*. 2015;69:850-855.
- 16) Francis SL, Margrett JA, Hoerr K*, Peterson MJ, Scott A, **Franke WD**. Intergenerational service learning program improves aging knowledge and expectations and reduces ageism in younger adults. *J Youth Development*. 2014;9:48-57.
- 17) Heinz M*, Martin P, Cook CC, **Franke WD**, Margrett, J, Wong, J. (2014). Exploring predictors of technology adoption among older adults. *Gerontology and Geriatrics Education*. 2013. Available at doi:10.1080/02701960.2014.925887
- 18) Rollins DK, Beverlin L*, Mei Y*, Kotz K*, Andre D, Vyas N, Welk G, **Franke WD**. The development of a virtual sensor in glucose monitoring for non-insulin dependent people. *Bioinformatics and Diabetes*. 2014;1, 19; doi:10.14302;issn.2374-9431.jbd-13-283.
- 19) Ramey SL, Perkhounkova Y, Moon M, Tseng H*, Wilson A*, Hood K*, **Franke WD**. Physical activity in police beyond self-report. *J Occup Environ Med*. 2014;56:338-343.
- 20) Strand KA*, Francis SL, Margrett JA, **Franke WD**, Peterson MJ. Community-based exergaming and wellness program increases physical activity and subjective health among rural older adults. *J Aging Phys Act*. 2014;22:376-371.
- 21) Bayouth ST*, Keren N, **Franke WD**, Godby K*. Examining firefighter decision making: how experience influences speed in process and choice. *International Fire Service Journal of Leadership and Management*. 2013;7:51-60.
- 22) Yoo HL*, **Franke WD**. Sleep habits, mental health, and the metabolic syndrome in law enforcement officers. *J Occup Environ Med*. 2013;55:99-103.
- 23) Heinz M*, Martin P, Margrett J, Yearns M, **Franke WD**, Yang H-I, Wong J, Chang C. Perceptions of technology among older adults. *J Gerontol Nurs*. 2013;39:42-51.

- 24) **Franke WD**, Margrett JA, Heinz M*, Martin P. Handgrip strength, positive affect, and perceived health are prospectively associated with fewer functional limitations among centenarians. *Int J Aging Hum Dev.* 2012;75:351-363.
- 25) Martin P, Deshpande-Kamat N*, Margrett JA, **Franke WD**, Garasky S. Introduction to the exceptional longevity study of centenarians in rural environments. *Int J Aging Hum Dev.* 2012;297-316.
- 26) Martin P, da Rosa G*, Margrett JA, Garasky S, **Franke WD**. Stability and change in affect among centenarians. *Int J Aging Hum Dev.* 2012;4337-349.
- 27) Dettmer M*, Alekel DL, **Franke WD**, Lasrado-Hollis J, Messina M, Carriquiry A, Heiberger K*, Stewart JW. The effect of soy protein beverages on serum cell adhesion molecule concentrations in prehypertensive/stage 1 hypertensive individuals. *J Am Coll Nutr.* 2012;31:100-10.
- 28) Maughan KA*, Lowry KA*, **Franke WD**, Smiley-Oyen AL. The dose-response relationship of balance training in physically active older adults. *J Aging Phys Act.* 2012;20:442-455.
- 29) Ramey SL, Downing NR, **Franke WD**, Perkhounkova Y, Alasagheirin MH. Relationships among stress measures, risk factors and inflammatory biomarkers in law enforcement officers. *Biol Res Nurs.* 2012;14:16-26.
- 30) Kyung HK*, Martin P, Russell D, **Franke WD**, Kohut ML. The impact of stress, social support, and home-based physical activity on mental health among older adults. *Int J Aging Hum Dev.* 2011;72:137-54
- 31) Yoo HL*, **Franke WD**. Stress and cardiovascular disease risk in female law enforcement officers. *Int Arch Occup Environ Health.* 2011;84:279-286.
- 32) Johannsen DL, Calabro MA*, Stewart J, **Franke WD**, Rood JC, Welk GJ. Accuracy of armband monitors for measuring daily energy expenditure in healthy adults. *Med Sci Sports Exerc.* 2010;42:2134-2140.
- 33) **Franke WD**, Kohut ML, Russell DW, Yoo HL, Ekkekakis P, Ramey SP. Is job-related stress the link between cardiovascular disease and the law enforcement profession? *J Occup Environ Med.* 2010;52:561-5.
- 34) Wallace JP*, Trail GT, **Franke WD**. LBNP tolerance analyzed retrospectively using a structural equation model. *Aviat Space Environ Med.* 2010;81:363-368.
- 35) Rollins DK, Bhandari N, Kleinedler J*, Kotz K*, Strohbein A*, Boland L*, Murphy M, Andre D, Vyas N, Welk G, **Franke WD**. Free-living inferential modeling of blood glucose level using only noninvasive inputs. *Journal of Process Control.* 2010;20:96-107.
- 36) Ramey SL, Downing NR, **Franke WD**. Milwaukee police department retirees: Cardiovascular disease risk and morbidity among law enforcement officers. *AAOHN J.* 2009;57:448-453.
- 37) Yoo HL*, **Franke WD**. Prevalence of cardiovascular risk factor in volunteer firefighters. *J Occup Environ Med.* 2009;51:958-962.
- 38) Yoo HL*, Eisenmann JP, **Franke WD**. Independent and combined influence of physical activity and perceived stress on the metabolic syndrome in male law enforcement officers. *J Occup Environ Med.* 2009;51:46-53.
- 39) Konopka DL, Shook RP*, Kohut ML, Vos Tulp R, **Franke WD**. Comparability of the six minute walk test using different test configurations. *J Aging Phys Act.* 2008;16:355-361.

- 40) **Franke WD**, Allbee KE*, Spencer S. Cerebral blood flow responses to severe orthostatic stress in fit and unfit young and elderly. *Gerontology*. 2006;52:282-289.
- 41) Kohut, ML, McCann DS*, Russell DW, Konopka D, Cunnick JE, **Franke WD**, Castillo MC*, Reighard AE*, Vanderah E*. Aerobic exercise, but not resistance exercise, reduces serum IL-18, CRP, and IL-6 independent of beta-blockers, BMI, and psychosocial factors in older adults. *Brain Behav Immun*. 2006;20:201-9.
- 42) Hernandez JP*, **Franke WD**. Effects of a 6-month endurance-training protocol on calf venous compliance and responses and tolerance to maximal LBNP in older adults. *J Appl Physiol*. 2005;99:1070-7.
- 43) Hernandez JP*, Karandikar A*, **Franke WD**. Effects of age and fitness on tolerance to lower body negative pressure. *J Gerontol A Biol Sci Med Sci*. 2005;60:782-6.
- 44) Hernandez JP*, **Franke WD**. Age- and fitness-related differences in limb venous compliance do not affect tolerance to maximal lower body negative pressure in men and women. *J Appl Physiol*. 2004;97:925-929.
- 45) Lee K*, Buchanan DB*, Flatau AB, **Franke WD**. Reproducibility of the autonomic responses to lower body negative pressure. *Eur J Appl Physiol*. 2004;92:106-113.
- 46) Ramey SL*, Shelley MC, Welk GJ, **Franke WD**. Cardiovascular disease risk reduction efforts among law enforcement officers: An application of the precede-proceed planning model. *Evidence-Based Preventive Medicine*. 2004;1:43-52.
- 47) Ramey, SL*, **Franke WD**, Shelley MC. Relationship among risk factors for nephrolithiasis, cardiovascular disease, and ethnicity in a law enforcement cohort. *AAOHN J*. 2004;52:116-121.
- 48) **Franke WD**, Lee K*, Buchanan DB*, Hernandez JP*. Blacks and whites differ in responses, but not tolerance, to orthostatic stress. *Clin Auto Res*. 2004;14:19-25.
- 49) Zheng Y*, Hu J*, Murphy PA, Alekel DL, **Franke WD**, Hendrich S. Rapid gut transit time and slow fecal isoflavone disappearance phenotype are associated with greater genistein bioavailability in women. *J Nutr*. 2003;133:3110-6.
- 50) Hernandez JP*, Nelson-Whalen NL*, **Franke WD**, McLean SP. Effects of age on maximal and submaximal expressions of the bilateral deficit. *J Gerontol A Biol Sci Med Sci*. 2003;58:M536-41.
- 51) **Franke WD**, Mills KK*, Lee K*, Hernandez JP*. Training mode does not affect orthostatic tolerance in chronically exercising subjects. *Eur J Appl Physiol*. 2003;89:263-70.
- 52) **Franke WD**, Johnson CP*, Steinkamp JA*, Wang R*, Halliwill JR. Cardiovascular and baroreflex responses to LBNP do not explain gender differences in orthostatic tolerance. *Clin Auton Res*. 2003;13:36-44.
- 53) **Franke WD**, Ramey SL*, Shelley MC. Relationship between cardiovascular disease morbidity, risk factors, and stress in a law enforcement cohort. *J Occup Environ Med*. 2002;44:1182-1189.
- 54) Brown GA*, Vukovich MD, Martini ER, Kohut ML, **Franke WD**, Jackson DA, King DS. Endocrine and lipid response to chronic androstenediol-herbal supplementation in 30-58 year old men. *J Am Coll Nutr*. 2001;20:520-528.
- 55) Brown GA*, Vukovich MD, Martini ER, Kohut ML, **Franke WD**, Jackson DA, King DS. Effects of androstenedione-herbal supplementation on serum sex hormone concentrations in 30-59 year old men. *Int J Vitam Nutr Res*. 2001;71:21-31.

- 56) Panton LB, **Franke WD**, Bleil DA*, Baier SM*, King DS. Effects of resistance training on cardiovascular responses to lower body negative pressure in elderly men and women. *Clin Physiol*. 2001;21:605-11.
- 57) Anderson DF, Cychosz CM, **Franke WD**. Preliminary exercise identity scale (EIS) norms for three adult samples. *J Sport Beh*. 2001;24:1-9.
- 58) Brown GA*, Vukovich MD, Martini ER, Kohut ML, **Franke WD**, Jackson DA, King DS. Endocrine responses to chronic androstenedione intake in 30-56 year old men. *J Clin Endocrinol Metab*. 2000;85:4074-4080.
- 59) **Franke WD**, Boettger CF, McLean SP. Effects of varying muscle mass and central command on the pressor responses to isometric exercise. *Clin Physiol*. 2000;20:380-387.
- 60) **Franke WD**, Lee K*, Graff SR*, Flatau AB. Effects of gender on the autonomic modulation of the cardiovascular responses to lower body negative pressure. *Aviat Space Environ Med*. 2000;71:626-631.
- 61) Anderson DF, Cychosz CM, **Franke WD**. Role identities associated with exercise and fitness. *Kor Coun Health Phys Ed Rec Sport Dan J*. 1999;4:17-44.
- 62) Anderson DF, Cychosz CM, **Franke WD**. Health-related behaviors and role identities associated with fitness and wellness. *Hong Kong J Sports Med Sports Sci*. 1999;7:9-25.
- 63) **Franke WD**, Stephens GM*, Schmid III PG. Effects of intense exercise training on endothelium-dependent vasodilation in humans. *Clin Physiol*. 1998;18:521-8.
- 64) **Franke WD**, Collins SA*, Hinz PN. Cardiovascular disease morbidity in an Iowa law enforcement cohort, compared with the general Iowa population. *J Occup Environ Med*. 1998;40:441-444.
- 65) Ioudina MV*, **Franke WD**. Effects of exercise training mode on the cardiovascular responses to lower body negative pressure in males. *Aviat Space Environ Med*. 1998;69:53-57.
- 66) Anderson DF, Cychosz CM, **Franke WD**. Association of exercise identity with measures of exercise commitment and physiological indicators of fitness in a law enforcement cohort. *J Sport Beh*. 1998;21:233-241.
- 67) **Franke WD**, Tegeler NB*. Blood flow responses to α_1 -adrenergic blockade and reactive hyperemia in borderline hypertensives. *Clin Exp Hypertens A*. 1997;19:1219-1232.
- 68) **Franke WD**, LaVere SE*. Effects of α_1 -blockade on the forearm vascular resistance responses to lower body negative pressure in young borderline hypertensives. *Am J Hypertens*. 1997;10:893-898.
- 69) **Franke WD**, Cox DF, Schultz DP*, Anderson DF. Coronary heart disease risk factors in employees of Iowa's Department of Public Safety compared to a cohort of the general population. *Am J Ind Med*. 1997;31:733-737.
- 70) Hauber CA*, Sharp RL, **Franke WD**. Heart rate response to submaximal and maximal workloads during running and swimming. *Int J Sports Med*. 1997;18:347-353.
- 71) **Franke WD**, Taylor KA*. Exercise training mode affects the hemodynamic responses to lower body negative pressure in women. *Eur J Appl Physiol Occup Physiol*. 1996;73:169-174.
- 72) **Franke WD**, Anderson DF. The relationship between physical activity and CVD risk factors among law enforcement officers. *J Occup Med*. 1994;36:1127-1132.
- 73) **Franke WD**, Betz CB, Humphrey RH. Effects of rider position on CW Doppler responses to maximal cycle ergometry. *Br J Sports Med*. 1994;28:38-42.

- 74) **Franke WD**, Hickey MS, Ward CW, Davy KP. Effects of α_1 -receptor blockade on the cardiovascular and thermoregulatory responses to severe exercise in the heat. *J Sports Med Phys Fitness*. 1993;33:146-151.
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- 76) Hickey MS, **Franke WD**, Lee JC. Opioid antagonism, perceived exertion and tolerance to exercise-thermal stress. *Int J Sports Med*. 1992;13:326-331.
- 77) Walberg-Rankin J, **Franke WD**, Gwazdauskas FC. Response of beta-endorphin and estradiol to resistance exercise in females during energy balance and energy restriction. *Int J Sports Med*. 1992;13:542-547.
- 78) **Franke WD**, Moore AD, Herbert WG. Usefulness of continuous wave Doppler measures as indicators of exercise-induced alterations in myocardial contractility. *J Cardiopulm Rehab*. 1990;10:223-227.
- 79) Messier SP, **Franke WD**, Rejeski WJ. Effects of altered stride lengths on ratings of perceived exertion during running. *Res Q Exerc Sport*. 1986;57:273-279.

REFEREED NONRESEARCH PUBLICATIONS

- 1) **Franke WD**. Risk classification: Is it safe for your client to exercise? *ACSM's Health & Fitness Journal*. 2013;17:16-22.
- 2) **Franke WD**. Invited commentary on "Metabolic syndrome and other cardiovascular risk factors among police officers—A special occupational group: A study from India." *North Am J Med Sci*. 2012;4:636.
- 3) **Franke WD**. It's all in the details: How to avoid missing anything when working with a new client. *ACSM's Health & Fitness Journal*. 2005;9:1-6.

BOOK

- 1) **Franke WD**. Principles of Exercise Prescription. Dubuque, IA: Kendall-Hunt, 2016.

BOOK CHAPTERS

- 1) **Franke WD**. Careers in health and fitness. In: Introduction to Kinesiology, edited by Knudson DV & Hoffman SJ. Champaign, IL: Human Kinetics, 2018.
- 2) **Franke WD** and Ramey SL. Stress and cardiovascular disease in law enforcement. In: Trauma, Stress and Wellbeing in the Legal System, edited by Miller MK & Bornstein BH. New York: Oxford University Press, 2013.
- 3) **Franke WD**. Careers in fitness instruction, personal training, and fitness management. In: Careers in Sport, Fitness, and Exercise, edited by Hoffman SJ. Champaign, IL: Human Kinetics, 2011.

REFEREED ABSTRACTS AND PRESENTATIONS

- 1) EB/FASEB Annual Meeting. Kim J*, Vianna LC, **Franke WD**, Lang JA. Seven consecutive days of remote ischemic preconditioning improved cutaneous vascular reactivity induced by post occlusive reactive hyperemia. San Diego, CA 2018.

- 2) ACSM Annual Meeting. Kim J*, **Franke WD**, Lang JA. Seven days of remote ischemic preconditioning augmented local-heating induced vasodilation in human skin. Minneapolis, MN 2018.
- 3) Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC) Annual Meeting. Gilbert S, Keren N, Winer E, **Franke W**, Godby K*, MacAllister A*, McPherson C*, Delacruz J, Lyons J. Evaluating the value of dynamic terrain simulation on training quality. Orlando, FL 2016.
- 4) Autumn Immunology Conference. Work stress and serum inflammatory markers in law enforcement officers. Senchina D, Angus H*, **Franke WD**. Chicago. 2016.
- 5) American Institute of Aeronautics and Astronautics Annual Meeting. Graduated stress exposure of spaceflight hazards in a virtual environment. Finseth T*, Keren N, **Franke W**, Dorneich M, Anderson CC. Long Beach, CA 2016.
- 6) Gerontological Society of America (GSA) Annual Meeting. Lockhart P*, Martin P, Margrett J, **Franke WD**, Russell D. The effect of psychosocial resources on psychological well-being in centenarians. New Orleans, LA 2016.
- 7) American Institute of Aeronautics and Astronautics SPACE and Astronautics Forum and Exposition. Finseth T*, Keren N, **Franke WD**, Dorneich M, Anderson CC. Stress inoculation training for spaceflight hazards. Long Beach, CA 2016.
- 8) North American Artery Society Annual Meeting. Schroeder EC*, **Franke WD**, Sharp RL, Lee DC. Independent and combined effects of aerobic and resistance training on blood pressure (ART-B). Chicago, IL 2015.
- 9) XJLTU Research Symposium on healthy Ageing & Society (US-Suzhou 2015 Conference). Margrett JA, Shelley M, Sellers D, Francis SL, Donald D, **Franke WD**, Wong J, Martin P. Promoting healthy aging: Research and engagement at a land-grant university. 2015.
- 10) GSA Annual Meeting. Su Y*, Margrett J, Christensen R*, Crawford D, Francis SL, Lee Y-A, **Franke WD**. Connecting college students' aging attitudes, expectations, and experiences. Orlando, FL 2015.
- 11) I/ITSEC Annual Meeting. Training with adaptive systems: Utility of baroreflex sensitivity. **Franke WD**, Anderson AA*, Keren N, Lilja AF*, Godby KM*, Orlando, FL 2014. (*Proceedings of the 2014 I/ITSEC – Trained and Mission Ready*).
- 12) EB/FASEB Annual Meeting. Francis SL, VanHauen A*, Margrett J, **Franke WD**. Predictors of physical activity self-efficacy change for rural-residing older adults. San Diego, CA 2014.
- 13) I/ITSEC. Assessing decision making under stress using virtual reality environments. Keren N, **Franke WD**, Bayouth ST*, Harvey ME*, Godby KM*. Orlando, FL 2013. (*Proceedings of the 2013 I/ITSEC - Concepts and Technologies, Empowering an Agile Force*).
- 14) Human Factors and Ergonomics Society Annual Meeting. Keren N, Bayouth ST*, Godby KM*, **Franke WD**. Examining the effect of stress and firefighters' experience level on time-to-decision in virtual reality. San Diego, CA 2013. (*Proceedings of the 2013 International meeting of the Human Factors and Ergonomics Society*).
- 15) Society for Judgment and Decision Making Annual Meeting. Keren N, Godby KM*, Bayouth ST*, **Franke WD**, Bohner RG*. Decision making in emergency response: Experiments with firefighters in virtual reality. Minneapolis, MN 2012.

- 16) GSA Annual Meeting. Benefits beyond the physical: Intergenerational Wii© activity program and affective well-being. Margrett JA, Heinz MS*, Francis SL, Strand KA*, **Franke WD**, Peterson MJ. San Diego 2012.
- 17) GSA Annual Meeting. Mixed methods findings of socialization benefits in an Intergenerational Wii© activity program. Heinz MS*, Margrett JA, Francis SL, Strand KA*, **Franke WD**, Peterson MJ. San Diego 2012.
- 18) Food & Nutrition Conference & Expo (FNCE), Academy of Nutrition and Dietetics. Wellness programming needs and preferences for adults age 45+. Francis SL, Brotzman R*, Strand KA*, Margrett JA, **Franke WD**, Peterson MJ. Philadelphia, PA 2012.
- 19) FNCE, Academy of Nutrition and Dietetics. Congregate meal program perceptions among Iowans aged 45+. Francis SL, Brotzman R*, Strand KA*, Margrett JA, **Franke WD**, Peterson MJ. Philadelphia, PA 2012.
- 20) American College of Sports Medicine (ACSM) Annual Meeting. Yoo H*, **Franke WD**. Longitudinal analysis of police stress and the metabolic syndrome. (*Med Sci Sports Exerc.* 44:S334, 2012).
- 21) Mid-Atlantic Regional Chapter, ACSM Annual Meeting. Kim J*, **Franke WD**. Effects of blood flow restricted exercise training on muscular strength and blood flow in older adults'. Harrisonburg, PA 2011.
- 22) International Society for Behavioral Nutrition and Physical Activity. Bassler E, Welch AS, **Franke W**, Roling M. The effect of a nondiet educational approach on dietetic students' eating attitudes and behaviors. (*Journal of Nutrition Education and Behavior*, 43:4S1, 2011).
- 23) GSA Annual Meeting. Heinz M*, Martin P, Margrett J, Yearns M, **Franke WD**, Yang H-I, Wong J, Chang C. Perceptions of technology among older adults. Boston, MA 2011.
- 24) GSA Annual Meeting. Margrett JA, Francis SL, **Franke WD**, Peterson M, Strand K*. Living (well through) intergenerational fitness and exercise (LIFE) program: A logic model approach. Boston, MA 2011.
- 25) GSA Annual Meeting. Computer prototype for daily health monitoring among independent-living older adults. Hsieh W-H, Hsieh, Cho J, Martin P, Yang H, Darvish Darab M, Margrett JA, **Franke WD**, Wong JS. Boston, MA 2011.
- 26) North American Society for the Psychology of Sport and Physical Activity Annual Meeting. Smiley-Oyen AL, Maughan KL*, Lowry KA*, **Franke WD**. The dose-response relationship of balance training in physically active older adults. Burlington, VT 2011.
- 27) EB/FASEB Annual Meeting. Lasrado JA, Alekel DL, Messina M, Heiberger K, Dettmer M, **Franke WD**. Effect of soy protein on blood pressure in prehypertensive/Stage 1 hypertensive adults. Washington, DC 2011.
- 28) Work, Stress, and Health 2011: Work and Well-Being in an Economic Context. Keren N, Bohner R, Godby K, Franke W. Stress, Decision Making, and Firefighters: Experiments in Virtual Reality Environments. Washington, DC 2011.
- 29) ACSM Annual Meeting. Yoo H*, **Franke WD**. Weight gain and the metabolic syndrome in police officers. (Thematic poster.) Denver, CO 2011.
- 30) ACSM Annual Meeting. **WD Franke**, Yoo H*. Association of physical activity and obesity to metabolic syndrome risk in law enforcement officers. (Thematic poster.) Denver, CO 2011.

- 31) International Society for Behavioral Nutrition and Physical Activity. Welch AS, Bassler E, **Franke WD**, Roling M, Hornbaker J. The effect of a competent-eating based nutrition education intervention on clients' behavioral regulations: A Self Determination Theory. Minneapolis, MN 2010.
- 32) GSA Annual Meeting. Hsieh W-H, Cho J, Martin P, Yang H-I, Margrett J, **Franke WD**, Wong J. Computer prototype for daily health monitoring among independent-living older adults. Minneapolis, MN 2010.
- 33) GSA Annual Meeting. Margrett J, Francis S, **Franke WD**, Peterson M, Strand K*. Living (well through) Intergenerational Fitness and Exercise (LIFE) Program: A Logic Model Approach. Minneapolis, MN 2010.
- 34) ACSM Annual Meeting. **Franke WD**, Kohut ML, Russell DW, Yoo H*, Ekkekakis P. Is job-related stress the link between cardiovascular disease and the law enforcement profession? Baltimore, MD 2010. (*Med Sci Sports Exerc.* 42:S414, 2010).
- 35) ACSM Annual Meeting. Yoo H*, **Franke WD**. Sleep duration, sleep quality, and stress on the metabolic syndrome among police officers. Baltimore, MD 2010. (*Med Sci Sports Exerc.* 42:S415, 2010).
- 36) ACSM Annual Meeting. Kim J*, Yoo H*, **Franke WD**. Cardiovascular disease risk factors and stress in female law enforcement officers. Baltimore, MD 2010. (*Med Sci Sports Exerc.* 42:S416, 2010).
- 37) ACSM Annual Meeting. Yoo H*, **Franke WD**. Assessing knowledge of cardiovascular disease risk factors and risk in volunteer firefighters. Seattle, WA 2009. (*Med Sci Sports Exerc.* 41:S606, 2009).
- 38) ACSM Annual Meeting. Wooley BA*, Hernandez JP, **Franke WD**. Effects of chronic endurance training on cardiovagagal baroreflex sensitivity in older adults. Indianapolis, IN 2008. (*Med Sci Sports Exerc.* 40:S268, 2008).
- 39) ACSM Annual Meeting. Yoo H-L*, **Franke WD**, Eisenmann JC. Influence of physical activity and perceived stress on the metabolic syndrome in police officers. Indianapolis, IN 2008. (*Med Sci Sports Exerc.* 40:S357, 2008).
- 40) ACSM Annual Meeting. **Franke WD**, VanGundy TB*. Reliability of a functional fitness test battery in different test environments. Indianapolis, IN 2008. (*Med Sci Sports Exerc.* 40:S372, 2008).
- 41) GSA Annual Meeting. Predictors of psychological well-being among nursing home and community-dwelling residents. Cho J*, Cook C, Martin P, Franke W, Russell D. San Francisco, CA 2007.
- 42) The Renfrew Center Foundation Conference, Feminist Perspectives and Beyond: Maximizing Change in the Treatment of Eating Disorders. Roling MM, Bassler E, **Franke WD**. A new twist on the treatment team. Philadelphia, PA. 2006.
- 43) GSA Annual Meeting. Kwag K*, Martin P, Russell D, Franke W. The impact of stress, social support, and exercise behaviors on mental health in older adults. Dallas, TX. 2006.
- 44) ACSM Annual Meeting. Wang C*, Stafford CM*, **Franke WD**. Effects of chronic strength training in novice weightlifters on the baroreflex response to acute isometric exercise. Denver, CO. 2006. (*Med Sci Sports Exerc.* 38:S199, 2006).
- 45) ACSM Annual Meeting. Senchina DS*, Macaluso F*, Lee W, Martin AE*, **Franke WD**, Kohut ML. T Cell CD28 expression in older adults is modulated by exercise training. Denver, CO. 2006. (*Med Sci Sports Exerc.* 38:S309, 2006).

- 46) ACSM Annual Meeting. Shook RP*, **Franke WD**. Effects of chronic strength training on the baroreflex response during acute exercise. Nashville, TN. 2005. (*Med Sci Sports Exerc.* 37:S218, 2005).
- 47) ACSM Annual Meeting. Hernandez JP*, **Franke WD**. Effects of a 6-month endurance-training program on venous compliance and maximal LBNP in older adults. Nashville, TN. 2005. (*Med Sci Sports Exerc.* 37:S136, 2005).
- 48) ACSM Annual Meeting. Konopka DN, Shook RP*, Kohut ML, **Franke WD**. The senior fitness test 6-minute walk is reliable in two different environments. Nashville, TN. 2005. (*Med Sci Sports Exerc.* 37:S95, 2005).
- 49) ACSM Annual Meeting. Kohut ML, Senchina D*, Konopka D, Lee W, Martin A*, Russell D, Franke W, Ekkekakis P. Do psychosocial factors contribute to the exercise-induced alterations of influenza immunity and inflammatory mediators? Nashville, TN. 2005. (*Med Sci Sports Exerc.* 37:S133, 2005).
- 50) Experimental Biology/FASEB Annual Meeting. Protein supplementation augments resistance training in adults 50-65 years of age. Mikus CR*, Baier SM, King DS, Sharp RL, **Franke WD**, Flakoll PJ. San Diego, CA. 2005.
- 51) Psychoneuroimmunology Research Society. Martin A*, Cunnick J, Senchina D, Lee W, Franke W, Konopka D, Kohut M. Aerobic exercise training increases the percentage of CD8+ T cells producing IL-2 in response to influenza virus four weeks post-immunization among older adults. Titisee, Germany, 2004.
- 52) NIOSH symposium Steps to a Healthier US Workforce 2004: Integrating Protection and Promotion. Ramey SL*, Shelley MC, Welk GJ, **Franke WD**. Cardiovascular disease risk reduction efforts among law enforcement officers: an application of the precede-proceed planning model. Washington, DC. 2004.
- 53) ACSM Annual Meeting. Hernandez JP*, Karandikar A*, Allbee KE*, **Franke WD**. Effects of age and fitness on tolerance to lower body negative pressure. Indianapolis, IN. 2004. (*Med Sci Sports Exerc.* 36:S25, 2004).
- 54) Southeastern Wisconsin Nursing Research Conference. Ramey SL*, **Franke WD**, Shelley MC II. Relationship among risk factors for nephrolithiasis, cardiovascular disease, and ethnicity in a law enforcement cohort. Milwaukee, WI. 2004.
- 55) Southern Gerontological Society Annual Meeting. Hernandez JP*, **Franke WD**. Effects of a 6-month endurance training program on limb venous compliance and orthostatic tolerance in an older population. Atlanta, GA. 2004.
- 56) ACSM Annual Meeting. **Franke WD**, Buchanan DB*, Lee K*, Hernandez JP*. Blacks do not have improved LBNP tolerance compared to whites. San Francisco, CA. 2003. (*Med Sci Sports Exerc.* 35:S309, 2003).
- 57) ACSM Annual Meeting. Hernandez JP*, **Franke WD**. Effects of age and fitness level on calf venous compliance and orthostatic tolerance. San Francisco, CA. 2003. (*Med Sci Sports Exerc.* 35:S397, 2003).
- 58) ACSM Annual Meeting. Brown GA*, Vukovich MD, Kohut ML, **Franke WD**, Jackson DA, King DS, Bowers LD. Urinary excretion of steroid metabolites following chronic androstenedione ingestion. San Francisco, CA. 2003. (*Med Sci Sports Exerc.* 35:S331, 2003).
- 59) Midwest Nursing Research Society Annual Meeting. Ramey SL*, **Franke WD**, Welk G. Application of precede-proceed health promotion planning model for cardiovascular disease risk reduction efforts among law enforcement officers. Cleveland, OH. 2003.

- 60) American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD) Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Prediction of exercise stage from exercise identity and exercise efficacy in a law enforcement cohort. Philadelphia, PA. 2003.
- 61) ACSM Annual Meeting. **Franke WD**, C.P. Johnson*, J.A. Steinkamp*, R. Wang*. Mechanisms underlying gender differences in orthostatic tolerance. St. Louis, MO. 2002. (*Med Sci Sports Exerc.* 34:S60, 2002).
- 62) ACSM Annual Meeting. Pooch Hernandez, J.*, **Franke WD**. Physical predictors of orthostatic tolerance—does size matter? St. Louis, MO. 2002. (*Med Sci Sports Exerc.* 34:S61, 2002).
- 63) ACSM Annual Meeting. **Franke WD**, Buchanan DB*, Lee K*. Reproducibility of the autonomic and cardiovascular responses to maximal lower body negative pressure. Baltimore, MD. 2001. (*Med Sci Sports Exerc.* 33:S209, 2001).
- 64) ACSM Annual Meeting. Hernandez JP*, Nelson NL*, **Franke WD**, McLean SP. Bilateral index expressions and iEMG activity in elderly vs young adults. Baltimore, MD. 2001. (*Med Sci Sports Exerc.* 33:S125, 2001).
- 65) ACSM Annual Meeting. Lee K*, **Franke WD**, Buchanan DB*, Flatau AB. Gender differences in the autonomic and cardiovascular responses to maximal lower body negative pressure. Baltimore, MD. 2001. (*Med Sci Sports Exerc.* 33:S201, 2001).
- 66) EB/FASEB Annual Meeting. Training modality does not influence orthostatic tolerance in high fit athletes. **Franke WD**, Mills KL*, Lee K*. Orlando, FL. 2001. (*FASEB J.* 15:A776, 2001).
- 67) EB/FASEB Annual Meeting. Effects of race on the cardiovascular responses to orthostatic stress. Lee K*, **Franke WD**, Buchanan DB*, Flatau AB. Orlando, FL. 2001. (*FASEB J.* 15:A776, 2001).
- 68) AAHPERD Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Association of exercise identity with three measures of exercise commitment among white collar employees in a spice production facility. Cincinnati, OH. 2001. (*Res Q Exerc Sport.* 72:A18, 2001).
- 69) AAHPERD Annual Meeting. Cychosz CM, Anderson DF, **Franke WD**. Association of wellness rejection identity with measures of exercise and nutrition behaviors in a community sample. Cincinnati, OH. 2001. (*Res Q Exerc Sport.* 72:A27-28, 2001).
- 70) EB/FASEB Annual Meeting. Lee K*, **Franke WD**, Flatau AB. Gender differences in cardiovascular responses to orthostatic stress. San Diego, CA. 2000. (*FASEB J.* 14:A679, 2000).
- 71) EB/FASEB Annual Meeting. Zheng Y*, Lebepe S, Hu J, Zhang Y, Murphy PA, Alekel L, Franke W, Hendrich S. Ethnicity and gut transit time influence bioavailability of soybean isoflavone in women. (*FASEB J.* 14: LB183).
- 72) 11th International Conference on the Biochemistry of Exercise. Effects of chronic oral androstenedione intake in 30-59 year old Men. King DS, Brown GA*, Vukovich MD, Kohut ML, **Franke WD**, Jackson DA. Little Rock, AR. 2000.
- 73) AAHPERD Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Association of exercise identity with three measures of exercise commitment in a community sample. Orlando, FL. 2000. (*Res Q Exerc Sport.* 71:A24, 2000).

- 74) AAHPERD Meeting-Central District. Anderson DF, Cychosz CM, **Franke WD**. Health-related behaviors and role identities associated with fitness and wellness: Basic principles, findings and applications. Omaha, NE. 2000.
- 75) ACSM Annual Meeting. **Franke WD**, Higgins SM*. Dependency on the muscle metaboreflex during isometric exercise is increased by β_1 -blockade. Indianapolis, IN. 2000. (*Med Sci Sports Exerc.* 32:S186, 2000).
- 76) ACSM Annual Meeting. Brown GA*, Kohut ML, **Franke WD**, Jackson DA, Vukovich MD, King DS. Serum hormonal and lipid responses to androgenic supplementation in 30–59 year old men. Indianapolis, IN. 2000. (*Med Sci Sports Exerc.* 32:S486, 2000).
- 77) North American Society for the Sociology of Sport Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Health-related behaviors and role identities associated with exercise and fitness. Cleveland, OH. 1999.
- 78) ACSM Annual Meeting. Boettger CF*, McLean SP, **Franke WD**. Effects of central command and muscle mass on cardiovascular responses to isometric exercise. Seattle, WA. 1999. (*Med Sci Sports Exerc.* 31:S225, 1999).
- 79) ACSM Annual Meeting. Graff SR*, Lee K*, Flatau AB, **Franke WD**. Effects of gender on the autonomic regulation of the cardiovascular responses to LBNP to –60 mmHg. Seattle, WA. 1999. (*Med Sci Sports Exerc.* 31:S210, 1999).
- 80) EB/FASEB. Lee K*, **Franke WD**, Flatau AB, Graff SR*. Effects of Gender and Body Size on Cardiovascular Responses to Orthostatic Stress. Washington, DC. 1999. (*FASEB J.* 13:A1044, 1999.)
- 81) AAHPERD Meeting. Anderson DF, Cychosz CM, **Franke WD**. Exercise identity scale (EIS) norms among three adult samples. Boston, MA. 1999. (*Res Q Exerc Sport.* 70:A24, 1999).
- 82) Eighth Annual Iowa Space Grant Conference. Lee K*, **Franke WD**, Flatau AB. Monitoring the influence of microgravity on the cardiovascular system. (*Proc Eighth Ann Iowa Space Grant Conf.* Pp. 74-81, 1998.)
- 83) ACSM Annual Meeting. **Franke WD**, Wermersen DA*, King DS. Effects of post-exercise ischemia on forearm vascular conductance in heart transplant patients. Orlando, FL. 1998. (*Med Sci Sports Exerc.* 30:S1204, 1998).
- 84) ACSM Annual Meeting. Baier SM*, Panton, LB, Ray ML*, Bryan MW*, **Franke WD**, Fielding RA, King DS. Effects of heavy resistance training on muscle strength and morphology in the elderly. Orlando, FL. 1998. (*Med Sci Sports Exerc.* 30:S1099, 1998).
- 85) ACSM Annual Meeting. King DS, Panton LB, Baier SM*, Ray ML*, **Franke WD**, Fielding RA. Impact of resistance training-induced changes in body composition and muscle size on insulin action in the elderly. Orlando, FL. 1998. (*Med Sci Sports Exerc.* 30:S1097, 1998).
- 86) AAHPERD Annual Meeting. Cychosz CM, Holmquist HL*, **Franke WD**, Anderson DF. Association of exercise identity with measures of physical activity in a worksite health promotion cohort. Reno, NV. 1998. (*Res Q Exerc Sport.* 69:A32, 1998).
- 87) AAHPERD Annual Meeting. Cychosz CM, Holmquist HL*, **Franke WD**, Anderson DF. Psychometric properties of the wellness rejection identity scale in a worksite cohort. Reno, NV. 1998. (*Res Q Exerc Sport.* 69:A41, 1998).

- 88) International Congress of Physiological Sciences. Ioudina MV*, **Franke WD**. Cardiovascular responses to LBNP appear similar in well-trained male sprinters and long-distance runners. St. Petersburg, Russia. 1997.
- 89) ACSM Annual Meeting. **Franke WD**, Stephens GM*, Schmid III PG. Effects of high intensity exercise training on exercise-induced nitric oxide mediated vasodilation. Denver, CO. 1997. (*Med Sci Sports Exerc.* 29:S1002, 1997).
- 90) ACSM Annual Meeting. Ioudina MV*, **Franke WD**, Panton LB. Cardiovascular responses to LBNP appear similar in well-trained male swimmers and runners. Denver, CO. 1997. (*Med Sci Sports Exerc.* 29:S1011, 1997).
- 91) ACSM Annual Meeting. Panton LB, Evers JM*, **Franke WD**. The effect of training on forearm blood flow in young and elderly men and women. Denver, CO. 1997. (*Med Sci Sports Exerc.* 29:S73, 1997).
- 92) AAHPERD Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Association between subscales of the physical self-perception profile with three measures of exercise commitment in a law enforcement cohort. St. Louis, MO. 1997. (*Res Q Exerc Sport.* 68:A27, 1997).
- 93) ACSM Annual Meeting. **Franke WD**, Stephens GM*, Neilsen LM*. Effects of hand blood flow on peak forearm blood flow. Cincinnati, OH. 1996. (*Med Sci Sports Exerc.* 28:S176, 1996).
- 94) AAHPERD Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Association of exercise identity with measures of exercise commitment and physiological indicators of fitness in a law enforcement cohort. Atlanta, GA. 1996. (*Res Q Exerc Sport.* 67:A39, 1996).
- 95) ACSM Annual Meeting. Bleil DA*, Panton LB, Stephens GM*, **Franke WD**. Effects of resistive training on cardiovascular responses to lower body negative pressure in the elderly. Cincinnati, OH. 1996. (*Med Sci Sports Exerc.* 28:S173, 1996).
- 96) ACSM Annual Meeting. **Franke WD**, Cox DF, Schultz DP*. Cardiovascular disease risk does not differ between law enforcement officers and the normal population. Minneapolis, MN. 1995. (*Med Sci Sports Exerc.* 27:S152, 1995).
- 97) ACSM Annual Meeting. Tegeler NB*, **Franke WD**. Peak forearm blood flow is increased with α_1 -blockade in young borderline hypertensives. Minneapolis, MN. 1995. (*Med Sci Sports Exerc.* 27:S188, 1995).
- 98) ACSM Annual Meeting. Noah SE*, **Franke WD**. Cardiovascular responses to LBNP during α_1 -blockade in young borderline hypertensives and normotensives. Minneapolis, MN. 1995. (*Med Sci Sports Exerc.* 27:S189, 1995).
- 99) ACSM Annual Meeting. Henschen JA*, Panton LB, **Franke WD**. Forearm blood flow and vascular conductance in older tennis players. Minneapolis, MN. 1995. (*Med Sci Sports Exerc.* 27:S188, 1995).
- 100) ACSM Annual Meeting. **Franke WD**, Anderson DF. Effects of physical activity on cardiovascular disease risk factors among law enforcement officers. Indianapolis, IN. 1994. (*Med Sci Sports Exerc.* 26:S67, 1994).
- 101) North American Society for the Sociology of Sport Annual Meeting. Anderson DF, Cychosz CM, **Franke WD**. Association between the role-identity of exerciser and exercise behavior. Savannah, GA. 1994.

- 102) ACSM Annual Meeting. **Franke WD**, Stuart AS, Herbert WG. Effects of α_1 -blockade on the hemodynamic responses to exercise in young hypertensives. Dallas, TX. 1992. (*Med Sci Sports Exerc.* 24:S180, 1992).
- 103) ACSM—Southeast Regional Annual Meeting. **Franke WD**, Hickey MS, Davy KP, Ward CW. Effects of α_1 -adrenergic blockade on aortic blood flow velocity responses to exercise in the heat. Louisville, KY. 1991.
- 104) ACSM—SE Regional Annual Meeting. **Franke WD**, Smith SA, Davy KP, Williams JH. Aortic blood flow velocity responses to anaerobic power testing using cycle ergometry. Columbia, SC. 1990. (*Int J Sports Med.* 11:404, 1990).
- 105) ACSM Annual Meeting. **Franke WD**, Betz CB, Humphrey RH. Effects of rider position on CW Doppler responses to maximal cycle ergometry. Salt Lake City, UT. 1990. (*Med Sci Sports Exerc.* 22:S101, 1990).
- 106) ACSM—SE Regional Annual Meeting. **Franke WD**, Herbert WG, Moore AD. Can the CW Doppler PkA or PkV response provide valid indications of alterations in myocardial contractility during exercise testing? Winston-Salem, NC. 1988. (*Int J Sports Med.* 9:672, 1988).

INVITED PRESENTATIONS (*non-peer reviewed; off-campus only; to professional and lay audiences*)

- 1) Primetime Alive (Mary Greeley Medical Center). It's never too late to be physically active. 2017.
- 2) NASA (Johnson Space Center). Training with adaptive systems: Utility of baroreflex sensitivity and virtual reality environments. 2016
- 3) Northcrest Community. Bam Bam Training: Balance and Mobility Training. 2016.
- 4) Iowa Department of Public Safety Command Staff. CVD risk in the Iowa Department of Public Safety: What do we know? 2015.
- 5) Iowa Department of Transportation (webinar). How to avoid becoming a statistic. 2015.
- 6) Murphy-Brown, LLC (Western Operations office). How to stay out of the cardiologist's office. 2014.
- 7) Iowa Governor's Annual Safety & Health Conference. Heart healthy employees. 2013.
- 8) Senior Expo 2013 (Seniors in Story County). It's never too late to be physically active. 2013.
- 9) Primetime Alive (Mary Greeley Medical Center). It's never too late to be physically active. 2012.
- 10) WORKSAFE Iowa (with Nir Keren). Examining firefighter decision making under stress. 2011
- 11) Minnesota Association of Women Police Annual Training Conference. Women in law enforcement—a cardiovascular disease risk factor? 2011
- 12) Osher Lifelong Learning Institute (ISU Alumni Association). Exercise and brain health, or Did I remember to exercise today? 2011
- 13) WORKSAFE Iowa. CVD risk in public safety personnel—Is it the job or the doughnuts? 2010

- 14) Ames Middle School ELP Learning @ Lunch. The heart of performance—Building a better pump. 2010.
- 15) ISU Gerontology Seminar (GERON 510). Assessment of physical activity in older adults. 2010.
- 16) Iowa Police Bicycle Officers Annual Training Conference and Competition. The “Why” behind the “How” of training for peak bike performance. 2009.
- 17) Randall Community Club. Exercise for older adults. 2008.
- 18) Green Hills Retirement Community. The importance of maintaining exercise through the holidays. 2008.
- 19) Park Centre, Newton, IA. Exercise as preventive medicine. 2008.
- 20) ISU Gerontology Colloquium. The effects of exercise on cognitive function in older adults. 2008.
- 21) Sentral Community High School Wellness Class. Having a healthy weight (2-hr tutorial to high school students). 2007.
- 22) Ames Noon Lions Club. Becoming physically active as an adult. 2007.
- 23) ISU Retirees Association. “Aging in Place” or How to remain in your home as long as possible. 2006.
- 24) Living Information for Today (LIFT Club). Exercise and Heart Disease. 2006
- 25) KASI (AM 1430). Deb Atkinson program. How to start an exercise program. 2005.
- 26) Ames Town and Country Kiwanis. Exercise for the AARP set. 2005.
- 27) ISU College for Seniors. It’s Never Too Late to Be Physically Active. 2005.
- 28) TriNetwork 2005 (Iowa, Upper Plains and Nebraska Associations of Cardiac Rehabilitation annual meeting). Exercise Considerations for Obese and Diabetic Patients. 2005
- 29) Iowa Department of Public Safety Training Coordinators. An Applied Approach to Fitness and Wellness (a 3-day workshop). 2004.
- 30) Primetime Alive (Mary Greeley Medical Center). It’s Never Too Late to Be Physically Active. 2004.
- 31) ISU Extension Families Staff in-service. Reducing Health Risks in the Iowa Department of Public Safety. 2004.
- 32) WHO (AM 1040). Radio interview. Lifestyles of the Amish vs today. 2004.
- 33) Iowa Methodist Medical Center “Mended Hearts” group. Benefits of exercise after cardiac rehabilitation. 2003.
- 34) WHO (AM 1040). Radio interview. Walking in the U.S. 2003.
- 35) Lifeskills Training at the Story County Jail (given quarterly to the inmates). Physical Activity for Life. 2002 - 2007.
- 36) ISU Gerontology Colloquium. Blood Pressure Regulation: How Does Aging and Physical Activity Affect It? 2002.
- 37) WHO (AM 1040). Radio interview. How to lose weight over the holidays. 2001.
- 38) ISU Gerontology Colloquium. Exercise and aging. 2001.
- 39) Ames Chapter, National Association of Retired Federal Employees. Exercise across the lifespan. 2001.
- 40) Ames Noon Kiwanis. Exercise for lifelong health. 2001.
- 41) WHO (AM 1040). Radio interview. Avoiding winter weight gain. 2000.
- 42) Ames Golden K Kiwanis. Exercise in the older adult. 2000.

- 43) “Is there a relationship between law enforcement and heart disease?” Article published in *The LEADER*, a newsletter for central Iowa law enforcement officers. 2000.
- 44) State 4-H Youth Conference Workshop, Ames, IA. Exercise physiology, or figuring out “why does the body do that?” 1999.
- 45) International Association of Campus Law Enforcement Administrators Region 6 Conference, Ames, IA. Peace officer fitness and wellness: Relationship between law enforcement and cardiovascular disease. 1999.
- 46) Gerontology Spring Colloquium, Iowa State University. The effects of exercise in the older population. 1999.
- 47) KASI (AM 1430) Mel in the Morning Program. Cardiovascular disease and law enforcement officers. 1998.
- 48) Biomedical Engineering Student Seminar (BME 410). The utility of biomedical engineering in performing cardiovascular research. 1997
- 49) McFarland Clinic, P.C. Nurses Continuing Education Program. The physical dimension of health as it pertains to physical activity and wellness. 1996.
- 50) Legacy Migration (an ISU student recruitment campaign). It’s not just a rat race (a description of graded exercise testing). 1996.
- 51) Vision 2020 coalition. Stress testing in the field of exercise physiology. 1996.
- 52) Webster City Kiwanis. Exercise and disease. 1996.
- 53) KASI (AM 1430) Healthline Radio Program. The role of physical fitness and activity in reducing one's risk for chronic disease. 1996.
- 54) Parks Library Employees Association, ISU. Exercising for fitness or exercising for health? 1996.
- 55) H. Hugh Dukes (Physiology) Club, ISU. Cardiovascular control mechanisms in borderline hypertension. 1996.
- 56) Department of Public Safety, ISU. How to use your wellness prescription. 1995.
- 57) Physiology Council Minisymposium, ISU. Franke WD, Cox DF, Schultz DP. Cardiovascular disease risk in law enforcement officers. 1995.
- 58) Physiology Council Minisymposium, ISU. Henschen JA, Pantan LB, Franke WD. Forearm blood flow and vascular conductance in older tennis players. 1995.
- 59) Ames Town and Country Kiwanis. Exercise, fitness, and heart disease. 1995.
- 60) Mary Greeley Medical Center Cardiac Support Group. Exercise: Your heart will love you for it! 1995.
- 61) Ballard High School Cross-Country Teams. Stretching for athletes. 1995.
- 62) State 4-H Youth Conference Workshop, Ames, IA. How to assess fitness and develop an exercise program. 1994.
- 63) Polk City EMTs. Arrhythmia detection and identification. 1994.
- 64) Ames Evening Lions. Exercise—It's not as hard as it looks! 1994.
- 65) Ames Chapter, Professional Secretaries International. Fitness for life. 1994.
- 66) Family and Consumer Sciences Education and Studies Seminar (FCEDS 610), ISU. The role of exercise in attenuating heart disease. 1993.
- 67) ISU Foundation and Alumni Association. Exercise for fitness and health. 1993.
- 68) YMCA of Greater Des Moines. The biomechanics of exercise related injuries. 1993.
- 69) Iowa Association of Professional Fire Chiefs. The role of fitness testing in the training of professional fire fighters. 1992.
- 70) State 4-H Youth Conference Workshop, Ames, IA. Exercise 4 life. 1992.

- 71) Veterinary Medicine Physiology and Pharmacology Seminar, ISU. Functional and structural mechanisms affecting the peripheral vasculature of young hypertensives. 1992.
- 72) Ames Rotary Club. Physical activity for a lifetime. 1992.
- 73) ISU Retirees Association. Exercise for the older adult. 1992.
- 74) Ames Women's Group. Exercise and you. 1991.

ON-CAMPUS COMMITTEE ACTIVITIES

University

2017-present	Emerging Leaders Academy Advisory Committee
2013-present	Faculty Senate Appeals Committee
2012	Emerging Leaders Academy mentor
2010-2016	Distinguished Professor Nomination Review Committee
2010-present	Faculty Senate Faculty Conduct Review Board
2008-09	Institutional Review Board
2007-08	Interim Coordinator, Undergraduate Minor in Gerontology
2006-08	David J. Henry Scholarship Selection Committee
2003-05	Faculty Senate Curriculum Committee
2003-05	ISUComm Steering Committee
2001-02	Faculty Senate Academic Affairs Council
2001-02	Faculty Senate Committee on Appeals
2000-01	Faculty Senate Committee on University Planning and Budget
1999-2000	Faculty Senate Conduct Policy Study Group
1999-2001	Faculty Senate Council on University Resource Policies and Allocations (Secretary, 1999-00)
1999-2002	Faculty Senator
1998-2014	Gerontology Program Advisory Committee
1997-2002	All-University Health Committee

College (College of Education, 1991-2005; College of Human Sciences, 2005-present)

2016-present	Computation Advisory Committee (Chair, 2018-present)
2016-2017	Dean Helen LeBaron Hilton Endowed Chair Committee (Chair)
2012-13	Committee to Review the Dean (5 year review)
2010-12	Promotion and Tenure Committee (Chair, 2011-12)
2009-13	Operations Committee, Nutrition and Wellness Research Center.
2010-2011	Helen LeBaron Hilton Endowed Chair Committee
2009-10	CHS Undergraduate Scholarship and Awards Committee.
2008-09	CHS Budget Advisory Committee.
2008	Clinical Project Coordinator Search Committee, Nutrition and Wellness Research Center.
2007	Search Committee for Program Coordinator I (for grants and contracts)
2005-07	CHS Research and Graduate Education Advisory Committee.
2005-06	Search Committee for tenure-track Nutrition and Chronic Disease position (in Department of FSHN).

2005	COE/FCS College Combination Committee on Committees.
2004-05	COE/FCS College Combination Curricular Issues work group
2004-05	Helen LeBaron Hilton Endowed Chair Committee.
2001-05	COE Curriculum Committee (Chair, 2003-05).
1999-2001	Faculty Professional Development Committee.
1999-2000	Education Research Exchange Steering Committee (<i>inc. abstract reviewer</i>).
1994-96, 1999-00	Awards Committee.
1991-95	Academic Standards Committee.

Department

2016-17	Pease Family Scholar Committee (Chair)
2016-17	Search Committee for two tenure track positions
2015-present	Computer Advisory and Fee Committee (Chair)
2015-present	Appeals Committee
2013-2014	Search Committee for three Physical Activity and Health positions
1998-present	Promotion and Tenure Committee.
2012-2013	Search Committee for Barber E. Forker Endowed Professorship (Chair)
2011-2012	Search Committee for Physical Activity Epidemiologist position (Chair)
2000-03, 09-12, 18-present	Evaluation and Governance Committee (Chair, 2002-03; 2011-12)
2009	Budget Committee (ad hoc)
2008-10, 18-present	Honors and Awards Committee (Asst.Chair, 08-09, 18-19; Chair 09-10)
2006-09, 13-present	Pease Family Scholar Committee (Chair, 08-09)
2004-07	Director of Graduate Education (Interim, 2004-05)
2004-05	Search Committee for tenure-track Obesity/Activity position
2004-10	Graduate Executive Committee (Chair, 2004-07)
2000-02, 04-07, 2015-present	Executive Committee
2003-04, 2015-18	Appeals Committee
2003-04	Search Committee for Exercise Epidemiologist position (Chair)
2001-03	Undergraduate Curriculum and Standards Committee (Chair)
2001-02	Search Committee for Biomechanics/Motor Control position (Chair)
2001	Search Committee for “Assistant to the Chair” position
2000-01	Undergraduate Curriculum Revision Committee (ad hoc, Chair)
1999-2001	Awards, Honors and Public Relations Committee (Chair for 1 year)
1999-01	HHP Academic Program Review Committee (<i>in preparation for external review of department</i>)
1999-00	Search Committee for 4 tenure-track faculty positions (Motor Control, Pedagogy, Sport Management and Sport Psychology)
1998-2001	Accreditation Committee for Athletic Training Curriculum
1998-99	Appeals Committee
1998-99	Search Committee for Health Promotion position (Chair)
1998-99	Search Committee for Athletic Training Curriculum Director
1998-99	Undergraduate Curriculum and Standards Committee
1997-98	Computer Fee Allocation Committee
1997-98	Search Committee for tenure-track Exercise Physiology position
1996-97	Search Committee for tenure-track Sports Management position

1995-98 Administrative Committee
1995-97 Executive Committee for Graduate Program
1994-99 Faculty Advisory Committee
1994-95 Search Committee for tenure-track Biomechanics position
1993-98 Curriculum Committee
1993-94 Evaluation Procedures Committee
1992-97 Awards Committee (Chair for 3 years)
1991-98 Academic Standards Committee