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## CURRICULUM VITAE

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### PAUL R. NAGELKIRK, PH.D.

School of Physical Education, Sport & Exercise Science  
HP 215  
Ball State University  
Muncie, IN, 47306  
(765) 285-1472  
prnagelkirk@bsu.edu

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### EDUCATION

- 2005 Ph.D. in Kinesiology/Exercise Physiology at Michigan State University; East Lansing, MI.
- 1998 M.S. in Cardiac Rehabilitation/Exercise Science, East Stroudsburg University; East Stroudsburg, PA.
- 1994 B.A. in Exercise Science, Calvin College; Grand Rapids, MI.

### PROFESSIONAL AND WORK EXPERIENCE

- 2005- Assistant Professor: *Ball State University Department of Exercise Science.*
- 2001-05 Research & Teaching Assistant: *Michigan State University Department of Kinesiology; East Lansing, MI.*
- 1999-01 Research Physiologist: *Dept. of Veterans Affairs/UMDNJ, New Jersey Medical School; East Orange, NJ.*
- 1998-99 Exercise Physiologist: *Cardio-Kinetics, Inc.; Newark, DE.*
- 1997-98 Research Assistant: *East Stroudsburg University; East Stroudsburg, PA.*

### AWARDS

- Outstanding Tenure Track Teacher, 2009, Ball State University School of Physical Education, Sport & Exercise Science.
- Outstanding Doctoral Student Award, 2005, Michigan State University Dept. of Kinesiology.
- Excellence-in-Teaching Citation, 2004-2005, Michigan State University
- Dissertation Completion Fellowship, 2004-2005, Michigan State University
- Outstanding Graduate Student Award, 2004, Midwest chapter - American College of Sports Medicine (ACSM)
- Janet Wessel Award in Adapted Physical Activity, 2004, Michigan State University

Outstanding Doctoral Student Presentation Award, 2003, Midwest ACSM  
Kinesiology Endowed Scholarship, 2003-2004, Michigan State University  
Outstanding Doctoral Student Presentation Award, 2002, Midwest ACSM  
Erickson Research Fellowship, 2001-2004, Michigan State University.  
Graduate Recruiting Fellowship, 2001, Michigan State University.

## **TEACHING EXPERIENCE**

### **BALL STATE UNIVERSITY**

EXSCI 402 – Advanced Fitness Assessment in Exercise Science

EXSCI 301 – Principles of Exercise Prescription

EXSCI 293 – Foundations of Physiology and Exercise

EXSCI 201 – Introduction to Fitness Assessment

### **MICHIGAN STATE UNIVERSITY**

KIN 310 - Physiology of Exercise.

KIN 411 – Exercise Physiology Laboratory.

KIN 465 – Adapted Physical Activity. Laboratory assistant

KIN 100+ - Three different “activity” courses in the Basic Instructional Program.

## **MENTORED GRADUATE STUDENTS**

<b>Student</b>	<b>Degree / Date</b>	<b>Current Position/Field</b>
Ashley Washburn	M.S. (exp. 2012)	Graduate student, Ball State University
Michael Lawrence	M.S. (2010)	Research Assistant, University of New England
Leryn Boyle	M.S. (2009)	Doctoral student, University of Missouri
Jake Kimmell	M.S. (2009)	Cardiac Rehabilitation, Muncie IN
Kyla Hogan	M.S. (2008)	Cardiac Rehabilitation, Ravenna OH
Joanna Hoare	M.A. (2008)	Cardiac Rehabilitation, unknown
Cassandra Valentine	M.S. (2008)	Unknown
Rebecca Pfeiffer	M.S. (2007)	Doctoral student, Colorado State University

## **RESEARCH**

### **GRANTS**

**Paul R. Nagelkirk** (PI). “Adaptations in blood clotting potential following exercise training in cancer patients.” Ball State University ASPIRE program. May 2011 – April 2012. \$9,999

**Paul R. Nagelkirk** (PI). "Effect of exercise training on thrombotic risk in cancer patients." National Institutes of Health (National Cancer Institute, R21 PA-06-400). Submitted June 2010. \$249,824 (not funded)

**Paul R. Nagelkirk** (PI). "Fibrinolytic adaptations during supervised exercise training in cancer patients." American Heart Association. Submitted July 2010. \$161,860 (not funded)

**Paul R. Nagelkirk** (PI), & Eric L. Dugan. "Biomechanical and physiological changes associated with prolonged sitting in a Comfort Motion Technology automobile seat." Comfort Motion Technologies. 2007-2009. \$195,380

Trent A. Hargens (PI) & **Paul R. Nagelkirk**. Gender differences in coagulation and fibrinolysis and related risk factors in obstructive sleep apnea. American Sleep Foundation. Submitted 2009. \$75,000 (not funded)

**Paul R. Nagelkirk** (PI). Graduate research assistantship to support P.R. Nagelkirk's research agenda. Lilly V Foundation. 2007-2008. \$10,000

**Paul R. Nagelkirk** (PI). Graduate research assistantship to support P.R. Nagelkirk's research agenda. Lilly V Foundation. 2006-2007. \$10,000

**Paul R. Nagelkirk** (PI). "Fibrinolytic responses to acute resistance training in lean and obese women." Ball State University new faculty grant program. 2006-2007. \$5,000

**Paul R. Nagelkirk** (PI). "Influence of genetics & exercise training on fibrinolysis." American Health Assistance Foundation – National Heart Foundation. Submitted 2006. \$85,800 (not funded)

**Paul R. Nagelkirk** (PI), L. Kaminsky & M. Whaley. "Exercise and exercise training responses using Body Motion equipment." Magnum Fitness Systems. 2005-2006. \$16,300

**Paul R. Nagelkirk** (PI), Barry A. Franklin & Christopher J. Womack. "Genetic influence on plasminogen activator inhibitor-1 during phase II cardiac rehabilitation." American College of Sports Medicine Foundation Doctoral Student Research Grant. 2004-2005. \$5,000

**Paul R. Nagelkirk** (PI), Barry A. Franklin & Christopher J. Womack. "Genetic influences on fibrinolytic adaptations to exercise training among an elderly population with coronary disease." Doctoral student grant, Pearl Aldrich Foundation. 2004-2005. \$2,500

**Paul R. Nagelkirk** (PI), Barry A. Franklin & Christopher J. Womack. Blue Cross Blue Shield of Michigan Foundation Student Award Program Grant (grant #891.SAP). 2004-2005. \$3,000.

**Paul R. Nagelkirk** (PI) & Christopher J. Womack. "Influence of the ACE genotype on the fibrinolytic response to exercise." Midwest American College of Sports Medicine Outstanding Student Research Proposal. 2003. \$500.

**Paul R. Nagelkirk** (PI), Barry A. Franklin & Christopher J. Womack.. Genetic Influences on the Time Course of Fibrinolytic Adaptations during Phase II Cardiac Rehabilitation. American Heart Association Greater Midwest Affiliate Pre-doctoral Research Fellowship, (not funded)

**Paul R. Nagelkirk** (PI), & Christopher J. Womack. "ACE genotype and the PAI-1 response to high-intensity exercise." American College of Sports Medicine Foundation Doctoral Student

Research Grant. (not funded).

#### **PUBLICATIONS (JOURNAL MANUSCRIPTS)**

**P.R. Nagelkirk**, K.B. Hogan, & J.M. Hoare. Ambient Temperature Affects Thrombotic Potential at Rest and Following Exercise. *Thrombosis Research*, 2011 Nov 15 [Epub ahead of print -- <http://dx.doi.org/10.1016/j.thromres.2011.10.015>]

**P.R. Nagelkirk**, R. Scalzo, M. Harber, & L.A. Kaminsky. The Influence of Acute Resistance Training and Body Composition on Coagulation and Fibrinolytic Activity in Low-Risk Women. *International Journal of Sports Medicine* 31:458-462, 2010.

L.J. Boyle & **P.R. Nagelkirk**. The effects of whole body vibration and exercise on fibrinolysis in men. *European Journal of Applied Physiology*, 110(5):1057-1061, 2010.

T.G. Stevenson\*, K. Riffin, **P.R. Nagelkirk**, T.A. Hargens, & L.A. Kaminsky. Physical Activity Habits of Cardiac Patients Participating in an Early Outpatient Rehabilitation Program. *Journal of Cardiopulmonary Rehabilitation and Prevention* 29:299-303, 2009.

**P.R. Nagelkirk**, B.A. Franklin, A.M. Coughlin, H.I. Hassouna, G.D. Fink, J.M. Pivarnik, & C.J. Womack. Discordant Hemodynamic and Fibrinolytic Adaptations Following a 6-Week Cardiac Rehabilitation Program. *Preventive Cardiology*, 2007; 10:196-203.

D.B. Cook, **P.R. Nagelkirk**, A. Poluri, J. Mores, & B.H. Natelson. The Influence of Aerobic Fitness and Fibromyalgia on Cardiorespiratory and Perceptual Responses to Exercise in Patients with Chronic Fatigue Syndrome. *Arthritis and Rheumatism*, 2006 Oct; 54(10):3351-3362. Published online Sep. 28, 2006. DOI:10.1002/art 22124.

D.B. Cook, **P.R. Nagelkirk**, B. Qureishi, A. Peckerman, A. Poluri, J. Mores, & B.H. Natelson. Exercise and Cognitive Performance in Chronic Fatigue Syndrome. *Medicine and Science in Sports and Exercise*, 2005 Sep; 37(9):1460-1467.

J.A. Cooper, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. Temporal changes in tPA and PAI-1 following maximal exercise. *Medicine and Science in Sports and Exercise*, 2004; 36(11):1884-1887.

C.M. Paton, **P.R. Nagelkirk**, A.M. Coughlin, H. Hassouna, G.L. Davis, J.M. Pivarnik, & C.J. Womack. Changes in factor VIII and fibrinolysis following a post-exercise cool-down. *European Journal of Applied Physiology*, 2004 Jul;92(3):328-33.

D.B. Cook, **P.R. Nagelkirk**, A. Peckerman, A. Poluri, J.J. LaManca, & B.H. Natelson. Perceived Exertion in Fatiguing Illness: Gulf War Veterans with Chronic Fatigue Syndrome. *Medicine and Science in Sports and Exercise*, 2003 Apr;35(4):569-574.

D.B. Cook, **P.R. Nagelkirk**, A. Peckerman, A. Poluri, J.J. LaManca, & B.H. Natelson. Perceived Exertion in Fatiguing Illness: Civilians with Chronic Fatigue Syndrome. *Medicine and Science in Sports and Exercise*, 2003 Apr;35(4):563-568.

C.H. Herman, **P.R. Nagelkirk**, J.M. Pivarnik, & C.J. Womack. Regulating Oxygen Uptake during High Intensity Exercise Using Heart Rate and RPE. *Medicine and Science in Sports and*

*Exercise*, 2003 Oct;35(10):1751-1754.

C.J. Womack, C.M. Paton, A.M. Coughlin, **P.R. Nagelkirk**, A.T. deJong, J. Anderson, & B.A. Franklin. Coagulation and Fibrinolytic Responses to Manual versus Automated Snow Removal. *Medicine and Science in Sports and Exercise*, 2003 Oct;35(10):1755-1759.

C.J. Womack, **P.R. Nagelkirk**, & A.M. Coughlin. Exercise-Induced Changes in Coagulation and Fibrinolysis in Healthy Populations and Patients with Cardiovascular Disease. *Sports Medicine*, 2003; 33(11):795-807.

**P.R. Nagelkirk**, D.B. Cook, A. Peckerman, W. Kesil, T. Sakowski, B.H. Natelson, & J.J. LaManca. Aerobic Capacity of Gulf War Veterans with Chronic Fatigue Syndrome. *Military Medicine*, 2003 Sep;168(9):750-755.

### **PUBLICATIONS (BOOK CHAPTERS)**

**P.R. Nagelkirk**. Pathophysiology and Treatment of Cardiovascular Disease. In: *ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription*, (6<sup>th</sup> ed). J.K. Ehrman (ed.). Lippincott Williams & Wilkins, chapter 6, pp. 109-118, 2009.

B.A. Franklin, & **P.R. Nagelkirk**. Health risks of physical activity. In: *Health Enhancing Physical Activity* (vol. 6). P. Oja (ed). Oxford: Meyer & Meyer Sport (UK) Ltd. pp. 97-124, 2004.

### **PRESENTATIONS (NATIONAL MEETINGS)**

**P.R. Nagelkirk**, & J.H. Kimmell. The effect of high and low amplitudes during whole body vibration on arterial blood flow velocity. *Annual Meeting, American College of Sports Medicine*, Seattle, WA, May 27-30, 2011.

**P.R. Nagelkirk**, & L.J. Boyle. The effects of whole body vibration and exercise on fibrinolysis in men. *Annual Meeting, American College of Sports Medicine*, Baltimore, MD. June 2-5, 2010.

**P.R. Nagelkirk**, J.M. Hoare, & K.B. Hogan. "Coagulation and fibrinolytic responses to exercise in hot and cold temperatures." *Annual Meeting, American College of Sports Medicine*, Seattle, WA, May 27-30, 2009.

**P.R. Nagelkirk**, R.L. Pfeiffer, M.P. Harber, L.A. Kaminsky. "Fibrinolytic responses to resistance training in women." *Annual Meeting, American College of Sports Medicine*, New Orleans, LA. May 30-June 2, 2007.

R.L. Pfeiffer, T.G. Stevenson, L.A. Kaminsky, & **P.R. Nagelkirk**. "Ratings of perceived exertion and pain between two different strength training modalities." *Annual Meeting, American College of Sports Medicine*, New Orleans, LA. May 30-June 2, 2007.

**P.R. Nagelkirk**, B.A. Franklin, A.M. Coughlin, H.I. Hassouna, G.D. Fink, J.M. Pivarnik, & C.J. Womack. "A six week cardiac rehabilitation program does not influence fibrinolytic capacity." *Annual Meeting, American College of Sports Medicine*, Denver, CO, May 31-June

3, 2006.

A.M. Coughlin, **P.R. Nagelkirk**, B.A. Franklin, A.T. DeJong, L.A. Van Eik, H.I. Hassouna, J.M. Pivarnik, C.J. Womack. "The chronic and acute effects of enhanced external counterpulsation on fibrinolytic proteins in CVD patients." *Annual Meeting, American College of Sports Medicine*, Denver, CO, May 31-June 3, 2006.

J.T. Lemmer, C.M. Layman, R.M. Francis, A.M. Coughlin, **P.R. Nagelkirk**, & C.J. Womack. "Effect of gender and aerobic training status on plasma and skeletal muscle fibrinolytic potential." *Annual Meeting, American College of Sports Medicine*, Denver, CO, May 31-June 3, 2006.

A.M. Coughlin, **P.R. Nagelkirk**, B.A. Franklin, A.T. DeJong, L.A. Van Eik, H.I. Hassouna, J.M. Pivarnik, C.J. Womack. "The chronic and acute effects of enhanced external counterpulsation on fibrinolytic proteins in CVD patients." *Annual meeting, American College of Sports Medicine*, Nashville, TN, June 1-4, 2005.

R.M. Francis, C.M. Layman, P.M. Johnson, **P.R. Nagelkirk**, A.M. Coughlin, C.J. Womack, & J.T. Lemmer. "Effect of age and aerobic training status on plasma and skeletal muscle tPA and PAI-1." *Annual meeting, American College of Sports Medicine*, Nashville, TN, June 1-4, 2005.

**P.R. Nagelkirk**, A.M. Coughlin, J.C. Paton, C.M. Paton, B.A. Wingerd, K.H. Friderici, & C.J. Womack. "The Influence of the ACE I/D polymorphism on plasma PAI-1 concentrations during exercise." *Annual meeting, American College of Sports Medicine*, Indianapolis, IN. June 2-5, 2004

J.A. Cooper, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. "Time course of fibrinolysis following maximal exercise." *Annual meeting, American College of Sports Medicine*, Indianapolis, IN. June 2-5, 2004

D.B. Cook, **P.R. Nagelkirk**, A. Peckerman, B. Querishi, A. Poluri, J. Mores, & B.H. Natelson. "Exercise and neurocognitive performance in Chronic Fatigue Syndrome." *Annual meeting, American College of Sports Medicine*, Indianapolis, IN. June 2-5, 2004

D.B. Cook, **P.R. Nagelkirk**, A. Poluri, J. Mores, & B.H. Natelson. "Cardiorespiratory and perceptual responses to steady-state exercise in patients with chronic fatigue syndrome and co-morbid fibromyalgia." *American Pain Society 23rd Annual Scientific Meeting*, Vancouver, BC Canada, May 6-9, 2004.

**P.R. Nagelkirk**, A.M. Coughlin, C.M. Paton, B.A. Wingerd, & C.J. Womack. "The influence of the 4G/5G polymorphism of the PAI-1 gene on plasma PAI-1 concentrations during exercise." *Annual Meeting, American College of Sports Medicine*, San Francisco, CA. May 28-31 2003.

A.M. Coughlin, **P.R. Nagelkirk**, C.M. Paton, K.H. Friderici, B.A. Wingerd, J.M. Pivarnik, & C.J. Womack. "The influence of tissue plasminogen activator polymorphism on the fibrinolytic response to exercise." *Annual Meeting, American College of Sports Medicine*, San Francisco, CA. May 28-31 2003.

C.M. Paton, **P.R. Nagelkirk**, A.M. Coughlin, H. Hassouna, G.L. Davis, J.M. Pivarnik, & C.J.

Womack. "Changes in factor VIII and fibrinolysis following a post-exercise cool-down." *Annual Meeting, American College of Sports Medicine*, San Francisco, CA. May 28-31 2003.

D.B. Cook, **P.R. Nagelkirk**, A. Poluri, J. Mores, B. Qureishi, & B.H. Natelson. Perceived exertion in chronic fatigue syndrome: effects of gender. *Annual Meeting, American College of Sports Medicine*, San Francisco, CA. May 28-31 2003.

C.W. Herman, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. "The utility of heart rate and RPE in determining oxygen uptake during high-intensity exercise." *Annual Meeting, American College of Sports Medicine*, San Francisco, CA. May 28-31 2003.

D.B. Cook, **P.R. Nagelkirk**, A. Poluri, J. Mores, & B.H. Natelson. "Cardiorespiratory and perceptual responses to exercise in chronic fatigue syndrome and co-morbid fibromyalgia." *American Pain Society 22nd Annual Scientific Meeting*, Chicago, IL. March 20 - 23, 2003.

D.B. Cook, **P.R. Nagelkirk**, J.J. LaManca, T. Sakowski, A. Peckerman, & B.H. Natelson. "Perceived exertion in fatiguing illness." *Annual Meeting, American College of Sports Medicine*, Baltimore, MD. June, 2001.

**P.R. Nagelkirk**, D.B. Cook, J.J. LaManca, T. Sakowski, A. Peckerman, & B.H. Natelson. "Perceived exertion of Gulf War veterans with and without chronic fatigue syndrome." *Conference on Illness among Gulf War Veterans: A Decade of Scientific Research*, Alexandria, VA. January, 2001.

**P.R. Nagelkirk**, S.E. Davis, D.M. Cummings, & A.J. Goldfuss. "The effects of detraining, retraining on cardiorespiratory responses after six weeks of high-intensity cycling." *Annual Meeting, American College of Sports Medicine*, Orlando, FL. June 3-8, 1998.

#### **PRESENTATIONS (REGIONAL/LOCAL MEETINGS)**

L.J. Boyle & **P.R. Nagelkirk**. The effects of whole body vibration and exercise on fibrinolysis in men. *Annual Meeting, Central States chapter American College of Sports Medicine meeting*, Columbia, MO, November 5-6, 2009.

A.M. Coughlin, **P.R. Nagelkirk**, B.A. Franklin, A.T. DeJong, L.A. Van Eik, H.I. Hassouna, J.M. Pivarnik, & C.J. Womack. "The chronic and acute effects of enhanced external counterpulsation on fibrinolytic proteins in CVD patients" *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 4, 2005

A.M. Coughlin, **P.R. Nagelkirk**, J.A. Cooper, C.M. Paton, K.H. Friderici, B.A. Wingerd, J.M. Pivarnik, & C.J. Womack. "The influence of the tissue plasminogen activator (tPA) single nucleotide polymorphism (SNP), -7,351 C/T on plasma tPA during maximal exercise" *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 5-6, 2004.

C.M. Layman, R. Francis, **P.R. Nagelkirk**, A.M. Coughlin, J.T. Lemmer, & C.J. Womack. "Influence of gender on fibrinolysis." *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 5-6, 2004.

**P.R. Nagelkirk**, A.M. Coughlin, J.C. Paton, C.M. Paton, B.A. Wingerd, K.H. Friderici, & C.J.

Womack. "The Influence of the ACE I/D polymorphism on plasma PAI-1 concentrations during exercise." *American College of Sports Medicine meeting, Midwest chapter*, Bowling Green, OH. November 7-8, 2003.

J.A. Cooper, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. "Time course of tissue plasminogen activator (tPA) decrease following exercise." *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 13-14, 2003.

C.W. Herman, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. "The utility of heart rate and RPE in determining oxygen uptake during high-intensity exercise." *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 13-14, 2003.

**P.R. Nagelkirk**, A.M. Coughlin, C.M. Paton, B.A. Wingerd, & C.J. Womack. "The influence of the 4G/5G polymorphism of the PAI-1 gene on plasma PAI-1 concentrations during exercise." *American College of Sports Medicine meeting, Midwest chapter*, Dearborn, MI. October 11-13, 2002.

A.M. Coughlin, **P.R. Nagelkirk**, C.M. Paton, K.H. Friderici, B.A. Wingerd, J.M. Pivarnik, & C.J. Womack. "The influence of tissue plasminogen activator polymorphisms on the fibrinolytic response to exercise." *American College of Sports Medicine meeting, Midwest chapter*, Dearborn, MI. October 11-13, 2002.

C.W. Herman, **P.R. Nagelkirk**, A.M. Coughlin, J.M. Pivarnik, & C.J. Womack. "The utility of heart rate and RPE in determining oxygen uptake during high-intensity exercise." *American College of Sports Medicine meeting, Midwest chapter*, Dearborn, MI. October 11-13, 2002.

**P.R. Nagelkirk**, A.M. Coughlin, C.M. Paton, & C.J. Womack. "Genetic influences on the fibrinolytic response to exercise." *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 7 & 8, 2002.

C.M. Paton, **P.R. Nagelkirk**, A.M. Coughlin, H. Hassouna, G.L. Davis, J.M. Pivarnik, & C.J. Womack. "Coagulation and fibrinolysis following an active versus passive cooldown." *American College of Sports Medicine Winter Meeting, Michigan chapter*, Gaylord, MI. February 7 & 8, 2002.

"Gulf War research: current trends and initiatives." *New Jersey Congressional Staff Summit*. East Orange, NJ. August 25, 1999.

M. Shepanski, **P.R. Nagelkirk**, & S.E. Davis. "Dietary practices and body composition in women collegiate athletes throughout competition year." *American College of Sports Medicine Mid-Atlantic Regional Conference*. State College, PA. October 23-25, 1998.

**P.R. Nagelkirk**, & S.E. Davis. "Dietary practices and body composition in women collegiate athletes throughout competition year." *Sigma XI Conference*. East Stroudsburg, PA. April 15, 1998.

**P.R. Nagelkirk**, S.E. Davis, D.M. Cummings, & A.J. Goldfuss. "The effects of detraining, retraining on cardiorespiratory responses after six weeks of high-intensity cycling." *American College of Sports Medicine Mid-Atlantic Regional Conference*. State College, PA.



Nov. 14-15, 1997.

## **INVITED PRESENTATIONS/LECTURES**

“Coronary artery disease: influence of genetics and exercise on thrombus formation.” *American College of Sports Medicine meeting, Midwest chapter, Muncie, IN. September 29-October 1, 2005.*

“Hemostasis and its relationship with genetics and physical activity.” *Michigan State University College of Medicine colloquium. East Lansing, MI. February 26, 2003.*

“Gulf War research: current trends and initiatives.” *New Jersey Congressional Staff Summit. East Orange, NJ. August 25, 1999.*

“Body composition assessment techniques.” *East Stroudsburg University. East Stroudsburg, PA. March 25, 1997.*

## **PROFESSIONAL SOCIETIES AND CERTIFICATIONS**

Member, American College of Sports Medicine (ACSM) – National (1998 - present)  
Midwest Regional Chapter (2002 - present)

Clinical Exercise Specialist: ACSM (1998 - present)

Basic Cardiac Life Support: American Heart Association (1998 - present)

## **PROFESSIONAL SERVICE**

### **LEADERSHIP POSITIONS AND NATIONAL SERVICE**

Section Editor, ACSM’s Resource Manual for Guidelines for Exercise Testing and Prescription, 7<sup>th</sup> edition, 2010-present

Executive Board Member, Midwest American College of Sports Medicine, 2008-present

Chair, Awards Committee, Midwest American College of Sports Medicine, 2008-present

Abstract Review Committee, Midwest American College of Sports Medicine, 2008

### **SERVICE AT CONFERENCES**

Session Chair, “Turning Failure into Success: Exercise Training the Patient with a Left Ventricular Assist Device”, Annual meeting, Midwest Chapter of the American College of Sports Medicine, Indianapolis, IN, 2011

Session Chair, “Stress Fractures”, Annual meeting, Midwest Chapter of the American College of Sports Medicine, Indianapolis, IN, 2010

Session Chair, “What is exercise coaching and how can I use it to become a more effective trainer?” Annual meeting, Midwest Chapter of the American College of Sports Medicine, St. Charles, IL, 2009.

### **SERVICE AS PEER REVIEWER**

Associate Editor, ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription, 7<sup>th</sup> edition.

Journals:

American Journal of Cardiology  
Annals of Internal Medicine  
BMC Clinical Pathology  
Clinical Cardiology  
Coronary Artery Disease  
Journal of Applied Physiology  
Journal of Sport Science and Medicine  
Medicine & Science in Sports & Exercise  
Strength and Conditioning Journal  
Thrombosis & Haemostasis

**UNIVERSITY SERVICE**

Program Coordinator, Undergraduate Exercise Science, Ball State University, 2005-present

Chair, Salary Appeals Committee, College of Applied Science & Technology, Ball State University, 2011-2012.

Chair, Salary Appeals Committee, School of P.E. Sport & Exercise Science, Ball State University, 2011-2012.

Chair, Exercise Science Faculty Search Committee, Ball State University, 2011

Faculty advisor, Powerlifting club, Ball State University, 2005-present

Undergraduate Education Committee, Ball State University, 2010-2012

Chair, Undergraduate Curriculum Committee, School of P.E. Sport & Exercise Science, Ball State University, 2008-2009

Adapted Physical Education Search Committee School of P.E. Sport & Exercise Science, Ball State University, 2009

International Committee, School of P.E. Sport & Exercise Science, Ball State University, 2008-2009

New Faculty Mentor, School of P.E. Sport & Exercise Science, Ball State University, 2007-2008

Graduate Curriculum Committee, School of P.E. Sport & Exercise Science, Ball State University, 2007-2008

Chair, Salary Committee School of P.E. Sport & Exercise Science, Ball State University, 2007-2008

Chair, Exercise Science Faculty Search Committee, Ball State University, 2007

Clinical Exercise Physiology Faculty Search Committee, Ball State University, 2007

Undergraduate Exercise Science Curriculum Committee, Ball State University, 2006-2007

Salary Committee, School of P.E. Sport & Exercise Science, Ball State University, 2006-2007

Student Representative, Graduate Studies Committee, Dept. of Kinesiology, Michigan State University, 2004-2005

Volunteer, Area 8 Special Olympics, 2004

Faculty Advisory Committee, Michigan State University, 2003-2004

Dean's Advisory Committee, Michigan State University, 2002-2003