**Sara E. Mahoney, Ph.D.**

**Abbreviated Curriculum Vitae**

**ADDRESS:** Department of Exercise Science

2001 Newburg Rd

Louisville, KY 40205

**PHONE:** 502-272-7607 (office)

**E-MAIL:** smahoney@bellarmine.edu

**EDUCATION**

University of South Carolina, Columbia, SC

Doctor of Philosophy, Exercise Science, August 2011

Area of Emphasis: Applied Physiology

Supporting Fields: Chronic Disease and Nutrition

Advisor: Dr. J. Mark Davis

Hope College, Holland, MI

Bachelor of Arts, Kinesiology, May 2007

Area of Emphasis: Exercise Science

Supporting Field: Communications

Advisor: Dr. Mark Northuis

**EXPERIENCE AND TRAINING**

August 2013-present Assistant Professor, Department of Exercise Science, Bellarmine University

August 2011-2013 Assistant Professor, Department of Health and Kinesiology, Texas A&M University-Kingsville

May 2012-2013 Exercise Science Program Coordinator, Texas A&M University-Kingsville

Fall 2007-Aug 2011 Graduate Assistant: Exercise Science Department, University of South Carolina

Research under Dr. Mark Davis,

*Project Coordinator*: “Effects of Quercetin on Maximal Cycling Performance”

*Project Coordinator*: “Effects of Exercise Training and Quercetin on Fatigue in Breast Cancer Patients”

Fall 2008–Aug 2011 Graduate Assistant: Cross Country and Track Teams, University of South Carolina, under Stan Rosenthal

Fall 2007-May 2011 Teaching Assistant: University of South Carolina

# TEACHING

2013-present Assistant Professor, Department of Exercise Science, Bellarmine University

Undergraduate Courses Taught:

* EXSC 400- Research Methods
* EXSC 410- Principles of Athletic Conditioning
* EXSC 360L- Kinesiology Lab
* EXSC 110- Introduction to Exercise Science

2011-2013 Assistant Professor, Department of Health and Kinesiology, Texas A&M

University-Kingsville, Kingsville, TX

Undergraduate Courses Taught:

* EDKN 3326: Basic Physiology of Exercise
* EDKN 4324: Exercise in Chronic Disease and Disabilities
* EDKN 1149: Jogging and Circuit Training

Graduate Courses Taught

* EDKN 5312: Physiology of Exercise

2007-2011 Teaching Assistant, Department of Exercise Science, University of South Carolina, Columbia, SC

Undergraduate Courses Taught:

* EXSC 530L: Physiology of Muscular Activity Lab
* EXSC 531L: Clinical Exercise Physiology Lab

Graduate Courses Taught

* EXSC 743: Advanced Measurement and Exercise Testing/Phlebotomy

**HONORS AND AWARDS**

Texas A&M University System Student Recognition Award for Teaching Excellence, Fall 2011

Southeast ACSM Doctoral Student Research Award Finalist (2010)

AAHPERD Exercise Science Major of the Year (2006), Hope College

Karen White Outstanding Kinesiology Student (2006), Hope College

Vanderbilt Family Award for Exercise Science (2007), Hope College

**PUBLICATIONS**

***Journal Articles***

***National (Refereed)***

Loprinzi, P.D., Smit, E., & **Mahoney, S.** (in press). Physical activity and dietary behavior among U.S. adults and its combined influence on health. *Mayo Clinic Proceedings****.***

**Mahoney SE**, Davis JM, Murphy EA, McClellan JL, Gordon B, Pena MM. (2012). Effects of 5-fluorouracil chemotherapy on fatigue: Role of MCP-1. *Brain Behav Immun.* Oct 17.

Cole, K. J., **Mahoney, S. E**. (2010) Effect of five weeks of Whole Body Vibration training on speed, power, and flexibility. *Clinical Kinesiology.* Spring 64(1):1-7.

***Abstracts***

***National (Refereed)***

**Mahoney, S.E.** and Hearon, C.H. (2013) Effects of 16 week Vitamin D Supplementation in Hispanic Americans with Type 2 Diabetes Mellitus. *Diabetes*, Vol 62. Suppl. 1. A190

Stack, Jordan W.; Brumley, Christine; Parikh, Mansi; Canales, Adley; **Mahoney, Sara E**.; and Hearon, Christopher M. (2013) "Factors Associated with Diabetes Risk in South Texas College Students," *Medicine & Science in Sports & Exercise,*

Stack, Jordan W.; Brumley, Christine; Parikh, Mansi; Canales, Adley; **Mahoney, Sara E**.; and Hearon, Christopher M. (2013) "Factors Associated with Diabetes Risk in South Texas College Students," International Journal of Exercise Science: Conference Abstract Submissions: Vol. 2: Iss. 5, Article 46.

Riedesel, Dylan F. and **Mahoney, Sara E**. (2013) "Examining the Relationship between Simple and Choice Reaction Time on Team-Sport and Individual-Sport Athletes," International Journal of Exercise Science: Conference Abstract Submissions: Vol. 2: Iss. 5, Article 47.

**Mahoney, S.E.,** Murphy, E.A., McClellan, J.L., Gordon, B., Pena, M.M., & Davis, J.M. (2012). Effects of quercetin supplementation on reducing chemotherapy induced fatigue and inflammation**.** *Medicine & Science in Sports & Exercise*, *44*(5, Suppl.) S234 (#1593).

**Mahoney, S.E**., Murphy, E. A, Pena, M.M., Davis, J.M, McClellan, J.E. 5-Fluorouracil chemotherapy decreases voluntary activity in C57BL/6 mice. (2011) *Medicine & Science in Sports & Exercise*, 43(5, Suppl.) S904 (#3134)

Steiner, JL, Davis, JM, McClellan, JM, **Mahoney, S**, Carmichael, MD, Murphy, EA.

Characterization of a mouse model of cancer related fatigue using a physical activity battery. (2011) *Medicine & Science in Sports & Exercise*, 43(5, Suppl.) S685 (#114)

S. Chen, J.M. Davis (FACSM), **S. Mahoney**, T. Barrilleaux, K. Hubbles, C. Kline, M. Carmichael, and E.A. Murphy. Carbohydrate-protein beverage improves recovery from muscle damage induced by downhill running. (2009) *Medicine & Science in Sports & Exercise*, 41(5, Suppl.) S509 (#2937)

**Grants/Funding/ Awards**

**Mahoney, S.E**., Cutton, D. Gaines, S. Examining the Relationship Between Self Talk and Diabetes Risk. University Research Award Proposal. Submitted June 29, 2012. Funded $11,850

**Mahoney, S.E.** Civic Engagement Grant for the instruction of EDKN 5312: Physiology of Exercise for Fall, 2012. Funded $7,369.00

**Mahoney, S.E.** Service Learning Grant for the instruction of EDKN 4324: Exercise in Chronic Disease and Disabilities for Spring, 2012. Funded $2,940.

**Mahoney, S.E.** Effects of vitamin D supplementation on markers of diabetes in Hispanics. University Research Award Proposal. Submitted Nov. 15. $10,000 requested. Not funded

**Omanson, S.E. (maiden name)** Effects of Whole Body Vibration, Frost Research Center Grant, (2006), $2,000, Hope College

**Omanson, S.E. (maiden name)** Obesity in Pre-Adolescent Children, Frost Research Center Grant, (2005), $2000, Hope College