

## CURRICULUM VITAE

### A. PERSONAL

<i>Name</i>	Edward McAuley	<i>Tel.:</i> (217) 333-6487 (O)
<i>Address</i>	804 West William St Champaign, IL 61820	<i>E-mail:</i> emcauley@illinois.edu
<i>Birthplace</i>	Kettering, England	
<i>Birth date</i>	April 5, 1951	
<i>Marital Status</i>	Married, two children	
<i>Citizenship</i>	Naturalized U.S. Citizen, 1999	

### B. EDUCATION

*Graduate:* Doctor of Philosophy, specialization in Sport and Exercise Psychology, University of Iowa, December, 1982.

Master's degree in Education, specialization in Sport Psychology, University of Virginia, July, 1980.

*Undergraduate:* Certificate of Education, specialization in Physical Education and English, University of Worcester, England, July, 1972.

### C. PROFESSIONAL EXPERIENCE

2013 (September)	Visiting Scientist, Jacobs University, Bremen, Germany
2011-	Associate Department Head for Academic Affairs
2007-	Shahid and Ann Carlson Khan Professor in Applied Health Sciences, UIUC
2007 (March/April)	Visiting Scholar, Department of Public and Social Health, VU Medical Center, Vrije University, Amsterdam, The Netherlands.
2007 (February)	Visiting Scientist, Clinical Research Unit, Kaiser Permanente, Denver, Colorado
2006 -	Professor, College of Medicine, Department of Internal Medicine, UIUC
2000 -	Professor, Beckman Institute, UIUC
1994 -	Professor, Department of Kinesiology and Community Health, UIUC
1994-2000	Professor, Department of Psychology, UIUC University of Illinois Dept. of Kinesiology Associate Head for Academic Affairs
1993-1994	University of Illinois Professor, Department of Kinesiology Director of Graduate Studies
1989-1993	University of Illinois Associate Professor, Dept. of Kinesiology
1986-1989	University of Oregon Assistant Professor, Dept. of Physical Education and Human Movement,
1984-1986	Kansas State University Assistant Professor, Dept of Physical Education

- 1980-1985                      University of Iowa  
Research Scientist, College of Medicine, Dept of Orthopedic Surgery  
(1983-85)  
Teaching and Research Assistant in Dept. of Physical Education and  
College of Medicine (1980-1983)
- 1979-80                         University of Virginia  
Research Assistant in Bureau of Educational Research and  
University of Virginia Spinal Cord Unit.
- 1972-79                         High school teacher in England, Germany, U.S.A., and Belgium.

**D. UNIVERSITY SERVICE (1985-Present)**

***D.1. University, College, and Department Committees Served***

***D.1a. University of Illinois***

**Campus Committees**

- Campus Program Review Council (2014 – 2016)  
Interdisciplinary Health Sciences Initiative Faculty Advisory Committee (2014 - 2016)  
Interdisciplinary Health Sciences Working Group (2013 - 2014)  
Executive Committee, Division of Biomedical Sciences (2013 - 2014)\_  
Internet Technology Governance: Research Committee (2012 - 2014)  
Graduate College, Candidacy Committee (2013-2014).  
Panel Member *Visioning Future Excellence: Health and Wellness*  
Search Committee, Excellence Hire in Biopsychosocial Health (2011-2012)  
Panel Member *Visioning Future Excellence at Illinois* (2011-12)  
Division of Biomedical Science Faculty Development Committee (2011-present)  
Chancellor's Committee to Evaluate the Graduate College (2010-2011)  
Provost's Campus Advisory Committee (2009-2012)  
Chancellor's Strategic Planning Retreat (2009; 2010)  
Provost's Health and Wellness Initiative (2008 - 2011)  
Beckman Institute Program Committee (2008 – 2011)  
Provost's Advisory Group (2008-2012)  
Campus Budget Oversight Committee (2008-2011)  
Campus Sponsored Programs Advisory Committee (2007)  
Campus Interdisciplinary Programs Working Group (2007-9)  
Provost's Committee on Indirect Cost Recovery Allocation (2006-7)  
Provost's Campus Health and Wellness Steering Committee (2006-7)  
Provost's Ad-Hoc Committee Tenure Appeal Committee (2006)  
Campus Instructional Awards Committee (2004)  
Campus Focus Group Member for Evaluating UIUC IRB (2003)  
Campus Graduate College Executive Committee (1999-2000)  
Campus Research Policy Committee (1999 -2000)

Campus Search Committee for Dean of Applied Life Studies (1997-98)  
Campus Critical Research Initiatives Board (1995-1997)  
Campus Senate Undergraduate Admissions Committee (1995-98)  
Campus Institutional Review Board (1990-92, Chair 1992-94)

**College Committees**

College Search Committee for Excellence Hire in Aging, Technology, and Health (2015-2016)  
Committee for Special Designation Faculty Appointments (2012- 2016)  
Executive Board Center on Health, Aging, and Disability (2007-2014)  
College Task Force for the Development of Interdisciplinary Major in Health (2007-2008)  
College Task Force for the Strategic Planning of the Center on Health, Aging, and Disability (Chair, 2006)  
College Search Committee for Head of Dept. of Speech and Hearing Science (2005-2006)  
College of Ag, Consumer, and Environmental Sciences Wessels Achievement Award Committee (2004)  
College Task Force for the Merger of Community Health (2003-2004)  
College Search Committee for Head of Dept. of Community Health (2001-2002)  
College Technology Strategic task Force (2001-2002)  
College Executive Committee (1994-1996; 1998-2006)  
Committee to Evaluate the Dean (1993-94; 2005-2006)  
College Ad-Hoc Committee Five-Year Review Head of Dept. of Community Health (Chair, 1998-1999)  
College Academic Integrity Committee (1989-90)  
College Educational Policy Committee (1993-95)  
College McCrystal Award Committee (1995-99)  
College of Medicine, Medical Scholars Program Admissions Committee (1995-2000)  
College Tenure and Promotion Committee (1997-2003; 2004 - present)  
Office of Gerontology and Aging Advisory Committee (1995-1998)

**Departmental Committees**

Search Committee, Assistant Professor in Cancer Survivorship (2014-2015)  
Search Committee, Biostatistician (2012-2013)  
Search Committee, Visiting Research Specialist (2012-2013)  
Search Committee, Visiting Research Specialist Exercise Technologist (2012-2013)  
Search Committee, Assistant/Associate Professor in Physical Activity and Health (2011-2012)  
Search Committee, Assistant/Associate Professor in Physical Activity and Health (2010-2011)  
Search Committee, Assistant Professors in Health Policy, Health Behavior (2004-2005)  
Biobehavioral Kinesiology Concentration Coordinator (2000-2005 )  
Institutional Review Board (1993-2001)  
Search Committee, Research Engineer (2001-2002)  
Search Committee, Assistant Professor in Pedagogy (2000-2001)  
Search Committee, Assistant Professor in Psychology of Physical Activity (Chair, 1999-00)  
Search Committee, Open-Rank Position, Measurement and Statistics (Chair, 1998-1999)  
Search Committee, Assistant Professor in Neuromuscular Aspects of Human Movement (1995-96)  
Search Committee, Assistant Professors in Pedagogy and Exercise Physiology (Chair, 1993-1994)  
Search Committee, Department Chair (1992-94)  
Advisory Committee (1990-2009; 2012 - 2016)  
Educational Policy Committee (1990-91, 1993-95; 2011 – *ex officio*)  
Tenure and Promotion Committee (1990-92, 1996-present)  
Search Committee for Director of Physical Activity Program  
Search Committee for Assistant Professor of Sport and Exercise Psychology (Chair, 1990-91)  
Scholarship and Awards Committee (1989-90)  
Faculty Representative, Kinesiology Students' Association (1990-92)  
Coordinator, Department Colloquium (1989-90)

***D.1b. University of Oregon***

University Research Committee (1987-89)  
Search Committee for Proposal Development Specialist, University  
Office of Research and Sponsored Programs  
University Employee Health Enhancement Committee (1987-1988)  
College Computer Committee (Chair, 1987-88)  
Dean's Advisory Committee (1988-89)  
Department Exercise Science Curriculum Committee  
Department Academic Screening Committee (Chair, 1986-89)  
Department Liaison to Graduate Council, Academic Screening Committee  
Department Search Committee for Assistant Professor in Pedagogy and Curriculum (1987)  
Department Undergraduate Physical Education Council (1987-89)  
Department Scholarship Committee (1987-88)

***D.1c. Kansas State University***

University Faculty/Athletic Advisory Committee (1985-1986)  
Department Curriculum Committee (1985-86)  
Department Ad-Hoc Faculty Committee (1985-86, Chair)  
Department Computer Committee (1985-86)

***D.2. Post-Doctoral, Dissertation and Thesis Supervision and Committees***

***D.2a. University of Illinois***

*Post-Doctoral Supervisor*

Diane Ehlers, Ph.D., Post-Doctoral Fellow (Supervisor)  
Thomas Wojcicki, Ph.D., Post-Doctoral Fellow (Supervisor); Assistant Professor, Bellarmine University  
Krystle Zuniga, Ph.D., Post-Doctoral Fellow (Supervisor); Assistant Professor, Texas State University  
Michael Mackenzie, Ph.D., Post-Doctoral Fellow (Supervisor); Assistant Professor, University of Delaware  
Sean Mullen, Ph.D., Post-Doctoral Fellow (Supervisor); Assistant Professor, University of Illinois  
Michelle, R. Umstatted, Ph.D., Post-Doctoral Fellow (Supervisor); Associate Professor, Baylor University  
Robert Motl, Ph.D., Visiting Assistant Professor (Supervisor); Professor, University of Illinois

*Doctoral Advisor and Dissertation and Chair*

Jason Fanning, Ph.D., in progress, Kinesiology (Chair)  
Elizabeth Awick, Ph.D., in progress, Kinesiology (Chair)  
Erin Olson, Ph.D., 2014, Kinesiology (Chair); Post-Doctoral Fellow, Harvard University  
Neha Gothe, Ph.D., 2013, Kinesiology (Chair); Assistant Professor, Wayne State University  
Thomas Wojcicki, Ph.D. 2013, Kinesiology (Chair), Assistant Professor, Bellarmine University

Amanda Szabo, Ph.D., 2012, Kinesiology (Chair); Post-Doctoral Fellow, Kansas University Medical Center  
Emily Mailey, Ph.D., 2012, Kinesiology (Chair), Assistant Professor, Kansas State University  
Siobhan White, Ph.D., 2011 Kinesiology (Chair); Assistant Professor, Department of Preventive Medicine, Northwestern University Medical School  
Katherine (Morris) Hall, Ph.D., 2009, Kinesiology (Chair); Research Health Scientist, Durham VA Medical Center  
Liang Hu, Ph.D., 2008, Kinesiology (Chair); Associate Professor, Tiajin University, China  
Shawna Doerksen, Ph.D., 2008, Kinesiology (Chair); Assistant Professor, Penn State University  
James Konopak, Ph.D., 2007, Kinesiology (Chair); Associate Professor, Monmouth University  
Steriani Elavsky, Ph. D.,2006, Kinesiology (Chair); Associate Professor, Penn State University  
David Marquez, Ph.D., 2004, Kinesiology (Chair); Associate Professor, University of Illinois-Chicago  
Gerald Jerome, Ph.D., 2003, Kinesiology (Chair); Associate Professor, Towson University  
Bryan Blissmer, Ph.D.,2000, Kinesiology (Chair); Professor, University of Rhode Island  
Jeff Katula, Ph.D., 1999 Kinesiology (Chair); Associate Professor, Wake Forest University  
Shannon Mihalko Ph.D. 1997, Kinesiology (Chair); Associate Professor, Wake Forest University  
Susan Bane M.D./Ph.D. 1995, Kinesiology /Medicine (Chair); Private Practice, East Carolina  
David Rudolph Ph.D., 1994, Kinesiology (Chair); High School Biology Teacher  
Curt Lox Ph.D., 1994, Kinesiology (Chair); Professor and Dean, Southern Illinois University-Edwardsville  
Kerry Courneya Ph.D., 1992, Kinesiology (Chair); Professor and Tier 1 Canada Research Chair, University of Alberta, Canada

*Doctoral Dissertation Committees*

Roger Figueroa, Ph.D., in progress, Human Development  
Mark Scudder, PhD, in progress, Kinesiology and Community Health (Member)  
Ipek Ensara, PhD, in progress, Kinesiology and Community Health (Member)  
Sarah Banducci, PhD, in progress, Neuroscience (Member)  
Michelle Wong, MD/Ph.D., in progress, Neuroscience (Member)  
Jennifer Kim, Ph.D., (2016) Neuroscience (Member)  
Brian Sandroff, Ph.D., (2015), Kinesiology and Community Health (Member)  
Jake Carpenter, MD/Ph.D., (2014) Speech and Hearing Science (Member)  
Dee Duglonski, 2013, Kinesiology (Member)  
Matthew Pontifax, Ph.D. 2012, Kinesiology (Member)  
Michelle Voss, PhD., 2011, Neuroscience (Member)  
Rudy Valentine, Ph.D., 2010, Kinesiology (Member)  
Michael Hefferley, Ph.D., 2009, Speech and Hearing Science (Member)  
Jason Themanson, Ph.D., 2007, Kinesiology (Member)  
Tim Bogg, Ph.D.,2006, Psychology, (Member)  
Daniel Buckman, Ph.D.,2006, Psychology (Member)  
Yang Yang, Ph.D.,2005, Kinesiology (Member)  
Mickey Trockel, Ph.D., 2003, Community Health (Member)  
Rebecca Conrad, Ph.D., 2000, Counseling Psychology (Member)  
Pantellieman Ekkekakis, Ph.D., 2000, Kinesiology (Member)  
Eric Hall, Ph.D., 2000, Kinesiology (Member)  
Jana Reddin, Ph.D., 2000, Counseling Psychology (Member)  
Lara Stepleman, Ph.D., 2000, Counseling Psychology (Member)  
Brent Walker, Ph.D., 2000, Kinesiology (Member)  
Aysen Darcan, Ph.D., 1999, Counseling Psychology (Member)  
Joan Ham, Ph.D., 1997, Nutritional Sciences (Member)  
Maria Kavussanu Ph.D. 1997, Kinesiology (Member)

Darren Treasure Ph.D., 1993, Kinesiology (Member)  
William Streaun Ph.D., 1992, Kinesiology (Member)  
Patricia Vidmar Ph.D., 1991, Com Health (Member)  
Jay Kimiecik Ph.D., 1989, Kinesiology (Member)

*External Doctoral Committees*

Siobhan O'Dyer, Ph.D., 2008, School of Human Movement Studies, University of Queensland, Australia (External Examiner)  
Nancy Dickman, Ph.D., 2006, Faculty of Medicine, University of New South Wales, Australia, (External Examiner)  
Ji-Won Choi, Ph.D., 2005, College of Nursing, University of Illinois-Chicago (Member)  
Whang-Bong Choi, Ph.D., 1996, Human Movement Studies, (External Examiner) University of Victoria, Australia  
Colleen Haney, Ph.D., 1992, Counseling Psychology, (External Examiner) University of British Columbia, Vancouver, Canada

*Master's Degree Supervision*

Sarah Roberts, M.S., 2016, Kinesiology (Chair) Gwen Porter, MS, 2016, Kinesiology (Chair) Elizabeth Awick MS, 2013, Kinesiology (Chair) Jason Fanning, M.S., 2012, Kinesiology (Chair) Kaitlin Maloney, MS, 2009, Kinesiology (Chair) Shannon Speagle, M.S., 2005, Kinesiology (Chair) Katherine Morris, M.S., 2005, Kinesiology (Chair) Liang Hu, M.S., 2004, Kinesiology (Chair) Suzanne Ramsey. M.S., 2003 Kinesiology (Chair) Steriani Canaklisova, M.S., 2002, Kinesiology (Chair) David Marquez, M.S., 2000, Kinesiology (Chair) Erin Dunn, M.S., 1998, Kinesiology (Chair) Melissa Pena, M.S., 1998, Kinesiology (Chair) Heidi-Mai Talbot, M.S., 1997, Kinesiology (Chair) Marcus Davis M.S., 1996, Kinesiology (Chair) Suzi Hong M.S., 1995, Kinesiology (Chair) Jason Jones M.S., 1995, Kinesiology (Chair) Shannon Bozoian M.S., 1994 Kinesiology (Chair) Marcus Minnifee M.S., 1993, Kinesiology (Chair) Dawn Montgomery M.S., 1993 Kinesiology (Chair) Shelly Shaffer M.S., 1992, Kinesiology (Chair) Gretchen Burman M.S., 1992, Kinesiology (Chair) Kimberly Poag M.S., 1991, Kinesiology (Chair) Anita Gleason M.S., 1991, Kinesiology (Chair)

*Master's Degree Committees*

Leia Kadim, MS (2010), Nutritional Sciences (Member)

Jennifer Scott, MS, (2007) Kinesiology (Member)  
JoElla Evans, M.S., 1998, Kinesiology (Member)  
Eric Hall, M.S., 1997 Kinesiology (Member) Olga  
Tragant M.S., 1992, Kinesiology (Member)

***D.2b. University of Oregon***

Seong-Ok Kim, Ph.D., 1990, Kinesiology (Co-Chair)  
Terry Duncan Ph.D., 1989, Kinesiology (Chair) Frances  
Flint, Ph.D., 1990, Kinesiology (Member) Dennis  
Whitby, Ph.D., 1990, Kinesiology (Member) Diane  
Wiese, Ph.D., 1989, Kinesiology (Member) Gordon  
Baddovick, Ph.D., 1988, Marketing, (Member) Tom  
Rowney, Ph.D., Kinesiology (Member)

Roy Oman, M.S., 1989, Kinesiology (Chair) Constance  
McClain, M.S., 1989, Kinesiology (Chair) Lynn  
Jacobson, M.S., 1988, Kinesiology (Chair) Kirsten  
Frazier, M.S., 1988, Kinesiology (Member) Douglas  
Spencer, M.S., 1988, Kinesiology (Chair) Peter  
Brodkin, M.S., 1988, Kinesiology (Member)

***D.2c. Kansas State University***

Terry Duncan, M.S., 1986, Kinesiology (Chair) John  
T. Miller, M.S., 1986, Kinesiology (Chair) Vance  
Tammen, M.S., 1986, Kinesiology (Chair) Derrick  
Walters, M.S., 1986, Kinesiology (Chair) Martha  
Ebert, M.S., 1986, Kinesiology (Member)

**E. GRANTS AND EXTERNAL FUNDING**

***E.1a. External Trainee Funding***

*Physical activity and cognitive function does response after breast cancer* (Diane Ehlers, PI). Faculty sponsor, Post-Doctoral Fellowship, American Cancer Society (\$107,500) July 1, 2016 – June 30, 2018.

University of Illinois Distinguished Post-Doctoral Research Associate Award (PI Edward McAuley). To fund Susan Aguinaga (\$50,000). July 16, 2016 – July 15, 2017.

*Self Regulation and Physical Activity Adherence in Type 2 Diabetes Mellitus* (Erin A. Olson, PI), Faculty Sponsor, Pre-doctoral Fellowship, National Institute on Aging (\$141,490) September, 2012 – May 2014.

*Determinants and correlates of physical activity in breast cancer survivors* (Siobhan White, PI). Faculty Sponsor. Pre-doctoral Fellowship, National Institute on Aging. (\$132,167).September 15, 2009 – August 31, 2011.

*Mental Health, Religiosity, and Older Adults.* (James Konopack, PI). Faculty sponsor, Pre-Doctoral Fellowship, National Institute of Mental Health (\$47,459). June 1, 2006 – May 31, 2007.

*Pre-doctoral Minority Fellowship.* Faculty sponsor to David Marquez. National Institute on Aging, (\$88,560). October, 2000 - September 2004

*Physical activity and quality of life during menopause* (Steriani Elavsky, PI). Faculty Sponsor, Pre-Doctoral Fellowship, National Institute of Mental Health (\$46,000), June 1, 2005 – May 31, 2007.

*Exercise, aging, and psychological function: Minority Supplemental Grant,* Faculty Sponsor for Melissa Pena. National Institute on Aging, (\$40,860, total costs). Sept 1, 1996 - August 31, 1998

***E.Ib. Funding as Principal Investigator or Co-Investigator***

*Aerobic and Strength Training, Cognition, and Brain Health in Aging Breast Cancer Survivors* (Co-I; L. Trinh, PI). National Cancer Institute (\$3,608,835). 09/01/2016 – 08/31/2021. (Pending)

*Cognitive Regulation Training and Exercise (CORTEX)-II with Middle-Aged Adults* (Co-I; S. Mullen, PI). National Institutes of Heart, Lung, and Blood (\$3,640,942). 09/1/16 – 08/30/21. (Pending; Impact Score = 1.7; 6<sup>th</sup> percentile)

*Investigating Gains in Neurocognition in an Intervention Trial of Exercise.* (Co-PIs: Erickson, K., McAuley, E., Kramer, K.F., & Burns, J. (\$21,994,979). 09/01/2016 – 08/31/202. (Pending).

*A Pilot, Randomized Controlled Trial Adding Behavioral Counseling to Supervised Physical Activity in Prostate Cancer Survivors* (Co-I; L Trinh, PI). UIUC Campus Research Board (\$30,000). 11/24/15-5/15/17

*Integrating patient-centered exercise coaching into primary care to reduce fragility fracture* (Co-I; C. Sciamanna, PI, Hershey Medical Center, Penn State University. Patient Centered Outcomes Research Institute, (\$13,950,066; \$208,796 UIUC subcontract). 06/1/15 – 05/30/20.

*Falls Incidence Reduction in Multiple Sclerosis* (Co-I; J. Sosnoff, PI). National Multiple Sclerosis Society. (\$627,770). 10/1/14-9/30/17.

*Project BIPAMS: Behavioral Intervention for Increasing Physical Activity in Multiple Sclerosis.* National Multiple Sclerosis Society. (\$1,096,330). 10/1/14 -9/30/18.

*Training in Physical Activity Promotion in Multiple Sclerosis* (Co-PIs R. Motl & E. McAuley). National Multiple Sclerosis Society (\$368,074). 4/01/2014 – 03/25/2019.

*Improving Functional Performance in Persons with MS via Physical Activity DVD Intervention (PI).* National Multiple Sclerosis Society (\$108,036). Oct 1, 2013 – Sept 30, 2015.

*Fall Risk Reduction in Multiple Sclerosis: Exercise versus Behavior Modification* (Co-PI with Jacob Sosnoff, Robert Motl), National Multiple Sclerosis Society (\$109,981). Oct 1, 2012 – Sept 30, 2013.

*Cognitive Regulation Training and Exercise (CORTEX)* (Co-I; Sean Mullen, PI), NHLBI, (\$351,954), August 1, 2012 – July 31, 2014.

*Synergistic Effects of Exercise and Nutrition on Cognition and Brain Health of Older Adults: A Randomized Controlled Trial.* (Co-PI with A. Kramer). Center for Nutrition Learning and Memory Grand Challenge, UIUC and Abbot Nutrition. (\$2,495,272), May 16, 2012 – May 15, 2016.

*BAILA: Being Active, Increasing Latinos' healthy Aging* (Co-I; David Marquez, PI). National Institute of Nursing Research. (\$1,700,000), September 4, 2012 – June 30, 2016.

*Project FARMS Fall Risk Reduction in Multiple Sclerosis* (Co-I: Jacob Sosnoff, PI). Consortium of Multiple Sclerosis Centers (\$39,760). January 15, 2012 – January 14, 2013.

*Project METS in MS: Multimodal Exercise Training Stimulus in Multiple Sclerosis*. (Co-I; Robert Motl, PI). National Multiple Sclerosis Society (\$286,700). April 1, 2011 – March 31, 2013.

*Intradialytic Protein Supplementation and Exercise Training in Dialysis*. (Co-I; Kenneth Wilund, PI). NIDDK (\$2,400,000). August, 2010 – July, 2015

*Activity, Gait, and Efficacy (AGE II): Functional Limitations and Quality of Life Outcomes (PI)*. National Institute on Aging (\$2,113,404). August 2010 – July 2015.

*Influence of fitness on brain and cognition*. (Arthur Kramer, Co-PI). Co-Principal Investigator, National Institute on Aging (\$3,420,578). July 1, 2010 – June 30, 2016.

*Enhancing Physical Activity Adherence After Breast Cancer Diagnosis: Randomized Trial*. (Laura Rodgers, PI Coordinating Grant). PI Illinois subcontract. National Cancer Institute. (\$3,581,688, total budget; \$1,209,689, UIUC budget). June 1, 2009 – May 31, 2016.

*Activity, Gait, and Efficacy (AGE II): Functional Limitations and Quality of Life Outcomes (PI)*. National Institute on Aging (R56 Award: \$499,973). July 15, 2009 – June 31, 2010.

*Peer Education and Eating Right (PEER): Weight Gain Prevention in Female Freshman*. Predoctoral MD/PhD Fellowship (Matthew Thorpe PI). Co-Sponsor. National Heart Lung and Blood Institute, 2009-2013, \$400,799.

*Project PEER: Peer Education, Exercising and Eating Right*. (Ellen Evans, PI); Co-Investigator. U.S. Department of Agriculture (\$975, 718). March 1, 2008 – February 28, 2011.

*Higher protein diet and exercise for optimal weight loss in frail older women*. (Ellen Evans, PI). Co-Investigator. National Dairy Council (\$45,000). February 1, 2008 – January 31, 2009.

*Do symptoms predict reduction of physical activity across time in MS?* (Co-I; Robert Motl, PI). National Multiple Sclerosis Society (\$696,628). October 1, 2007 – September 30, 2012.

*Psychological disorders on campus: Exercise effects on symptoms, academic performance, and social integration*. (PI) UIUC Critical Initiatives in Research and Scholarship Program (\$169,653). July 1, 2007 – June 30, 2010.

*Physical activity and quality of life in Multiple Sclerosis* (Co-I; Robert Motl, PI). National Institute of Musculoskeletal Disorders and Stroke (\$148,136). September 1, 2006 – August 31, 2008.

*Activity, Gait, and efficacy in Older Women: 36-Month Follow-up* (PI). UIUC Research Board (\$15,890). May 1, 2006 – April 30, 2007.

*Influence of fitness on brain and cognition*. (Arthur Kramer, Co-PI). Co-Principal Investigator, National Institute on Aging (\$2,931,560). July 15, 2005 – June 30, 2010.

*Exercise and rural breast cancer survivors.* (Laura Rogers MD, Southern Illinois University Medical School, PI). Consultant. American Cancer Society, Illinois Division (\$230,972). September 1, 2005 – August 31, 2007.

*Self-efficacy and exercise adherence in MS patients.* Principal Investigator, National Multiple Sclerosis Society (\$44,000), April 1, 2005 – Dec 1, 2006.

*Exercise and self-efficacy among individuals with Multiple Sclerosis* (Robert Motl, PI). Co-Investigator, Mary Jane Neer Research Fund, UIUC (\$11,724).

*Exercise effects on the H-reflex among MS patients: Implications for anti-spasticity* (Robert Motl, PI). Co-Investigator, National Multiple Sclerosis Society (\$42,000).

*Physical activity among MS patients: Environmental, social, and individual correlates and quality of life outcomes* (Robert Motl, PI). Co-Investigator. Mary Jane Neer Research Fund, UIUC (\$14, 978).

*Activity, Gait, and Efficacy (AGE) in older women: Bone Health Outcomes* (PI). National Institute on Aging (Supplement), Feb 1, 2004 – July 31, 2007 (\$183,197).

*Exercise, executive processes, and the aging brain.* (Charles Hillman, PI). Co-Investigator. National Institute on Aging (\$936,148).

*Nurse managed upper body strength in COPD.* Co-Investigator (PI, Janet Larson, University of Illinois-Chicago). National Institute of Nursing Research, Sept 1, 2002 – August 30, 2007, (\$2,614,048).

*Studying neurovascular coupling in aging with optical methods.* Co-Investigator. (Monica Fabiani, PI). Co-Investigator. National Institute on Aging, Sept 1, 2003 – August 30, 2008, (\$3,424,029).

*Activity, Gait, and Efficacy (AGE) in older women.* (PI). National Institute on Aging, August, 15, 2002 – July 31, 2007 (\$1,019,012).

*Physical activity, aging, and immune function.* (PI, Jeff Woods). Co-Investigator. National Institute on Aging May 1 2002 – April 30, 2006 (\$1,480, 523). .

*Aging, fitness, and neurocognitive function.* (PI, Arthur Kramer). Co-Investigator. National Institute on Aging, February 1, 2002 – January 31, 2005 (\$1,659,423).

*Exercise, aging and psychological function,* Principal Investigator. National Institute on Aging, February 1, 2002 – January 31, 2006 (\$628,474).

*Influence of fitness on neurocognitive function of older adults.* Co-PI with Arthur Kramer. Institute for the Study of Aging, May 2001 - April 2005 (\$433,054).

*Tai chi, control, and aging.* PI for University of Illinois subcontract. National Institute on Aging October 2000 - September 2002 (\$100, 949; PI Fuzhong Li, Oregon Research Institute). Funded.

*Longitudinal growth modeling of functional status.* Consultant. National Institute on Aging, October 2001

- September 2002 (\$78,574, Fuzhong Li, Oregon Research Institute, Principal Investigator).

*Aging, fitness, and neurocognitive function.* Co-PI with Arthur Kramer. UIUC, Critical Research Initiatives Board, July 1, 2000 - June 30, 2002 (\$196,300).

*Development of an exercise barriers instrument for individuals with physical disabilities.* Co-Investigator. (Weimo Zhu, PI) UIUC Research Board, November 1 1999 - October 31, 2000 (\$14,491).

*The Social Context of Adolescent Physical Activity,* Consultant. National Institutes of Child Health and Human Development, October 1, 1998 - September 30, 2003 (\$3,384,592, Susan Duncan, Oregon Research Institute, Principal Investigator).

*Aging: The Impact of Nutrition and Exercise.* Co-Investigator. Olga Nalbandov Interdisciplinary Symposium Grant, Sept 1, 1999 - Aug 30, 2000 (\$20,000, Karen Chapman-Novakofski, Principal Investigator).

*The Memory Jogger - CD Technology for improving physical activity and cognitive function.* Consultant (\$94,000, Principal Investigator: Robert Rager, Compact Disc Incorporated, Silver Spring, MD). Small Business Initiative Research, National Institute on Aging.

*Exercise program designs for older adults,* Consultant, Rehabilitation Research and Development Service of Veterans Affairs, January 1996 - December 1997 (Lisa Boyette, VAMC, Atlanta, GA, Principal Investigator).

*Exercise, aging, and psychological function,* Principal Investigator. National Institute on Aging, Sept 30, 1995 - August 31, 2001 (\$865,482 total costs).

*Chronic moderate aerobic exercise as a means of enhancing immunity in the elderly.* Co-Principal Investigator (with Jeff Woods). University of Illinois Research Board, (\$18,000).

*Cognitions and actions related to gait adjustments in the elderly.* Co-Principal Investigator (with Karl S. Rosengren). Arnold O. Beckman Research Award, University of Illinois Research Board, May 22, 1994 - May 21, 1995 (\$12,500).

*Relative importance and independence of selected social factors in the prediction of physical activity participation.* Co-Investigator (with Kerry S. Courneya, University of Calgary, Alberta, Canada). Canadian Fitness and Lifestyle Research Institute, July 1, 1993 - June 30, 1994 (\$8,914).

*Efficacy, exertion and emotion during rehabilitation.* Principal Investigator. UIUC-Veterans Administration Hines Satellite Research Program, September, 1990 (\$13,200).

*Small Instrumentation grant.* Co-Principal Investigator with Karl Newell. National Institutes of Health and the University of Illinois Biomedical Research Support Committee, January, 1990 (\$5,000)

*Exercise, efficacy, and aging.* Principal Investigator. University of Illinois Research Board, September 1989, (\$8,000).

*Small Instrumentation Grant.* Principal Investigator. National Institutes of Health and University of Oregon Biomedical Research Support Committee, January, 1989, (\$10,642).

*Diabetes and Aging: Increasing regimen adherence.* Consultant. National Institute of Diabetes and Digestive and Kidney Diseases, April 1 1988 - March 31, 1991, (Russell Glasgow, Oregon Research Institute, PI, \$605,207).

*Self-efficacy cognitions, exercise, and aging.* Principal Investigator. National Institute on Aging, July 1, 1988 - December 31, 1993, (\$445,000).

*Exercise diagnosis and prescription for middle-aged and aging populations.* Co-PI with Eric Zemper. University of Oregon, Summer Planning Grant, Office of Research and Sponsored Programs, 1987, (\$8,791).

*Exercise and Stress Reduction.* Grant from Order of Eagles, Manhattan, Kansas, 1985, Co-Investigator. (Ronald Bubulian, P.I., \$5,000).

*Injuries in women's collegiate gymnastics: An epidemiological study.* Co-Investigator. American Orthopedic Society for Sports Medicine and the Orthopedic Research and Education Foundation, 1983-1985, (John P. Albright, PI, \$45,000).

## **F. SCHOLARLY ACTIVITY: REFEREED PUBLICATIONS**

### ***F.1 Book Chapters***

1. McAuley, E., Mullen, S.P., & Fanning, J. (in press). Promoting physical activity behavior: Interventions and mediators. In E. Fisher & A. Christenson (Eds). *Principles and Concepts of Behavioral Medicine: A Global Handbook*
2. Mackenzie, M., Zuniga, Z., & McAuley, E. (2015). Cognitive impairment in breast cancer survivors: The protective role of physical activity, cardiorespiratory fitness, and exercise training. In T. McMorris (Ed.). *Exercise-Cognition Interaction: Neuroscience Perspectives*. Elsevier, New York (pp. 399-420).
2. Wójcicki, T. R., & McAuley, E. (2014). Maintenance of physical activity interventions at the individual level: The case for personal efficacy. *Revista Saude Coletiva, RE-AIM Special Issue*. Rio de Janeiro, Brazil
3. McAuley, E., Mailey, E.L., Szabo, A.N., Gothe: Physical activity and personal agency; Self-efficacy as determinant, consequence, and mediator (2013). In Ekkekakis, P., et al.. *Handbook of Physical Activity and Mental Health*. Routledge, New York: NY (pp. 224-235).
4. Elavsky, S. & McAuley, E. (2013). Role of physical activity in older adults' quality of life. In Ekkekakis, P., et al. *Handbook of Physical Activity and Mental Health*. Routledge, New York: NY (pp. 493-504).
5. McAuley, E. Mullen, S.P., Hillman, C.H. (2013). Physical Activity, Cardiorespiratory Fitness and Cognition across the Lifespan. In P. Hall (Ed.), *Social Neuroscience and Public Health: Foundations of an Emerging Discipline*," Springer (pp. 235-252).
7. Mailey, E.L. & McAuley, E. (2012). "Physical Activity and Quality of Life." In J. Rippe (Ed).

- Encyclopedia of Lifestyle Medicine and Health*. Thousand Oaks, CA: Sage. (pp. 2253-58)
8. McAuley, E. & Hall, K.S. (2012). Exercise and Mental Health." In J. Rippe, *Encyclopedia of Lifestyle Medicine*. Thousand Oaks, CA:Sage. (pp. 1053-65).
  9. Szabo, A.N. & McAuley, E. (2012). Exercise and cognitive function. In J. Rippe, *Encyclopedia of Lifestyle Medicine*. Thousand Oaks, CA:Sage. (pp. 2211-16).
  10. McAuley, E., White, SM, Mailey EL., & Wójcicki, TR. Measuring exercise-related self-efficacy (2012). In Tenenbaum, G. Eklund, R., Kamata A., (Eds.). *Handbook of Measurement in Sport and Exercise Psychology (2<sup>nd</sup> Edition)*. Champaign, IL: Human Kinetics. (pp. 239-247).
  11. Motl, RW & McAuley, E., Physical activity, disability, and quality of life in older adults (2010). In Jense, MP & Molton, IR (Eds.). *Aging with a Physical Disability*. Philadelphia, PA: Saunders (pp. 299-308).
  12. Morris, K.S., Hu, L., Doerksen, S.E., Wójcicki, T.R., White, S.M., & McAuley, E. (2008). Declines in efficacy for gait and balance in older women: The role of demographic factors and health conditions. In *Exercise and Women's Health Research*. In Columbus, F. (Ed.) Hauppauge, NY: Nova Science Publication (pp. 171 -184).
  13. Kramer, AF, Erickson, KI, McAuley, E. (2008). Effects of physical activity on cognition and brain. In D.T. Stuss, G. Winocur, & I.H. Robertson (Eds), *Cognitive Neurorehabilitation: Evidence and Applications (2nd Edition)*. United Kingdom: Cambridge University Press (pp 417-434)
  13. Motl, R. W., Snook, E., Gosney, J. L., & McAuley, E. (2007). Measuring disability and function in individuals with multiple sclerosis: Psychometric properties of the Late-Life Function and Disability Instrument. In P. M. Goldfarb (Ed.), *Psychological tests and testing*. Hauppauge, NY: Nova Science Publishers (pp. 251-263).
  14. McAuley, E. & Elavsky, S. (2007). Self-Efficacy, Physical Activity, and Cognitive Function. In Spirduso, W., Chodzko-Zajko, W., & Poon, L. (Eds.). *Exercise and its Mediating Effects on Cognition*. Champaign, IL: Human Kinetics (pp. 69-84).
  15. McAuley, E. & Elavsky, S. (2006). Physical activity, aging, and quality of life: Implications for measurement. In W. Zhu (Ed.), *Measurement Issues and Challenges in Aging and Physical Activity Research*. Champaign, IL: Human Kinetics (pp. 57-68)
  16. Motl, R.W., Snook, E. M., & McAuley, E. (2005). Physical activity and its correlates among people with multiple sclerosis: Literature review and future directions. In F. Columbus (Ed.), *Progress in Multiple Sclerosis Research*. Hauppauge, NY: Nova Science Publications (pp. 185-201).
  17. Kramer, A.F. Hahn,S., McAuley, E., Cohen, N.J., Banich, M.T., Harrison, C., Chason, J., Boileau, R.A., Bardell, L., Colcombe, A., & Vakil, E. (2002). Exercise, aging and cognition: Healthy body, healthy mind? In W. Rogers and A. D. Fisk (Eds.). *Human factors interventions for the health care of older adults*. Earlbaum Publishers
  18. McAuley, E., & Blissmer, B., (2002). Self-efficacy and attributional processes in physical activity. In T. Horn (Ed.), *Advances in Sport and Exercise Psychology (185-206)*. Champaign, IL: Human Kinetics.
  19. McAuley, E., Blissmer, B., & Marquez, D.X. (2001). L'efficacite personnelle: Un antecedent et une consequence de l'activite physique. In F. Cury and P Sarrazin (Eds.), *Theories del la motivation et pratiques sportives*. Paris, France: Press Universitaires de France.
  20. McAuley, E. Pena, M.M., Jerome, G.J. (2001). Self-efficacy as a determinant and an outcome of exercise. In G.C. Roberts (Ed.) *Advances in Motivation in Sport and Exercise*. Champaign, IL: Human Kinetics
  21. McAuley, E. (2001) Physical activity, aging, and psychological function. In A. Papaioannou, M. Goudas, & Y. Theodorakis (Eds.) *The Proceedings of the 10<sup>th</sup> World Congress of Sport Psychology* (pp. 33-39).

22. Bane, S. & McAuley, E. (1998). Body Image and Physical Activity: Measurement Issues. In J. Duda (Ed.) *Measurement in Sport and Exercise Psychology*, Fitness Technology Publishers.
23. McAuley, E. & Mihalko, S. (1998). Measuring exercise-related self-efficacy. In J. Duda (Ed.) *Advancement in Measurement in Sport and Exercise Psychology*, Fitness Technology Publishers.
24. McAuley, E. & Katula, J., (1998). Physical activity interventions in the elderly: Influence on physical health and psychological function. In R. Schulz, G. Maddox, & M.P. Lawton (Eds.) *Annual Review of Gerontology and Geriatrics* (Vol. 18, pp. 115-154). New York, NY: Springer Publishing.
25. McAuley, E. (1994). Physical activity and psychosocial outcomes. In C. Bouchard, R.J. Shephard, & T. Stephens (Eds.). *Physical activity, fitness, and health: International proceedings and consensus statement* (pp. 551-568). Champaign, IL: Human Kinetics.
26. McAuley, E. (1994). Enhancing psychological health through physical activity. In A. Quinney, L. Gauvin, & A.E.T. Wall (Eds.). *Toward active living* (pp. 83-90). Champaign, IL: Human Kinetics.
27. McAuley, E. (1993). Self-efficacy, physical activity, and aging. In J. Kelly (Ed.), *Activity and Aging* (pp 187-206). Newberry Park, CA: Sage Publications.
28. McAuley, E. (1992). Self-referent thought in sport and physical activity. In T. Horn (Ed.) *Advances in Sport Psychology* (pp. 101-118). Champaign, IL: Human Kinetics.
29. McAuley, E. (1992). Understanding exercise behavior: A self-efficacy perspective. In G.C. Roberts (Ed.) *Understanding motivation in sport and exercise* (pp. 107-127) Champaign, IL: Human Kinetics.
30. McAuley, E. & Duncan, T.E. (1990). The causal attribution process in sport, exercise, and physical activity. In S. Graham & V. Folkes (Eds.) *Attribution theory: Applications to achievement, mental health, and interpersonal conflict* (pp.37-53). Hillsdale, NJ: Erlbaum.
31. McAuley, E., Gross, J.B., & Russell, D. (1990) Emotional reactions to success and failure. In Bond, J. & Gross, J.B. (Eds.). *Australian Sport Psychology: The Eighties*. Australian Institute for Sport: Canberra, Australia.
32. McAuley, E. & Roney, T. (1990). Exercise behavior and intentions: The mediating role of self-efficacy cognitions. *Psychology and Sociology of Sport: Current Selected Research* (Vol. II, pp. 3-16). New York: AMS.

## ***F.2 Peer Reviewed Publications***

1. Awick, E.A., Ehlers, D., Fanning, J., Phillips, S.M., Wójcicki, T., Mackenzie, M.J., Motl, R., & McAuley, E. (in press). Effects of a home-based DVD-delivered physical activity program on self-esteem in older adults: Results from a randomized controlled trial. *Psychosomatic Medicine*.
2. Awick, EA, Phillips, SM, Lloyd, GR, & McAuley, E (in press). Physical Activity, self-efficacy and self-esteem in breast cancer survivors: A panel model. *Psycho-oncology*
3. Fanning, J, Porter, G., Awick, E.A., Ehlers, D.E., Cooke, G., Burzynska, A.Z., Voss, M.W., Kramer, A.F., & McAuley, E. (in press). Replacing sedentary time with sleep, light, or moderate-to-vigorous physical activity: Effects on self-regulation and executive functioning. *Journal of Behavioral Medicine*
4. Klaren, RE, Sebastiao, E, Chiu, CY, Kinnett-Hopkins, D, McAuley, E, Motl, RW (in press). Levels and rates of physical activity in older adults with multiple sclerosis. *Aging & Disease*
5. Motl, RW & McAuley, E. (in press). Physical Activity and Health-related Quality of Life over Time in Adults with Multiple Sclerosis. *Rehabilitation Psychology*.
6. Roberts, SA, Awick, EA, Fanning, J, Ehlers, DK, Motl, RW, McAuley, E (in press). Long-term maintenance of physical function in older adults following a DVD-delivered exercise intervention. *Journal of Aging and Physical Activity*.
7. Rogers, LQ; Courneya, KS; Anton, PM; Verhulst, S; Vicari, SK, Robbs, RS; McAuley, E (in press). Effects of a multicomponent physical activity behavior change intervention on fatigue,

- anxiety, and depressive symptomatology in breast cancer survivors: Randomized trial. *Psycho-Oncology*.
- 8.
  9. Rogers, LQ, Courneya, KS, Carter, SJ; Anton, PM; Verhulst, S; Vicari, SK; Robbs, RS; McAuley, E. (in press). Effects of a multicomponent physical activity behavior change intervention on breast cancer survivor health status outcomes in a randomized controlled trial. *Breast Cancer Research and Treatment*.
  10. Phillips, S.M., Lloyd, G.R., Awick, E.A. & McAuley, E. (in press). Relationship between self-reported and objectively-measured physical activity and subjective memory impairment in breast cancer survivors: Role of self-efficacy, fatigue and distress. *Psycho-Oncology*
  11. Oberlin, LE, Verstynen, TG, Burzynska, AZ, Voss, MW, Prakash, RS, Chaddock-Heyman, L, Wong, C, Fanning, J, Awick, E, Gothe, N, Phillips, SM, Mailey, E., Ehlers, D, Olson, E, Wojcicki, E, McAuley, E, Kramer, AF, Erickson, KI (2016). White matter microstructure mediates the relationships between cardiorespiratory fitness and spatial working memory in older adults. *Neuroimage, 131, 91-101*.
  12. Ensari I, Motl RW, McAuley E. (2016). Structural and construct validity of the Leeds Multiple Sclerosis Quality of Life scale. *Quality of Life Research, 25, 1605-1611*.
  13. Voss, MW, Weng, TB, Burzynska, A, Wong, CN, Cooke, GE, Clark, R, Fanning, J, Awick, E, Gothe, NP, Olson, EA, McAuley, E, Kramer, AF. (2016) Fitness, but not physical activity, is related to functional integrity of brain networks associated with aging. *Neuroimage, 131, 113-123*.
  14. Burzynska, AZ, Wong, CN, Chaddock-Heyman, Olson, EA, Gothe, NP, Knecht, A, Voss, MW, McAuley, E, Kramer, AF (2016). White matter integrity, hippocampal volume, and cognitive performance of a world-famous nonagenarian track-and-field athlete. *Neurocase: The Neural Basis of Cognition, 22, 134-145*
  15. Carter, SJ, Hunter, GR, McAuley, E, Courneya, KS, Anton, PM, & Rogers, LQ (2016). Lower rate-pressure product during submaximal walking: A link to fatigue following a physical activity intervention among breast cancer survivors. *Journal of Cancer Survivorship, 1-8*.
  16. Cooke, GE, Wetter, NC, Banducci, S, Mackenzie, MJ, Zuniga, KE, Awick, EA, Roberts, SA, Sutton, BP, McAuley, E, Kramer, AF (2016). Moderate Physical Activity Mediates the Association Between White Matter Lesion Volume And Memory Recall In Breast Cancer Survivors. *PLOS One, 10, e0144419*. doi: 10.1371/journal.pone.0144419.
  17. Fanning, J., Porter, G., Awick, E.A., Wójcicki, T.R., Gothe, N.P., Roberts, S.R., Ehlers, D.K., Motl, R.W., & McAuley, E. (2016). Effects of a DVD-delivered exercise program on patterns of sedentary behavior in older adults: a randomized controlled trial. *Preventive Medicine Reports, 3, 238-243*.
  18. Fanning, J., Awick, E.A., Wójcicki, T.R., Gothe, N.P., Roberts, S.A., Ehlers, D.K., Motl, R.W., & McAuley, E. (2016). Effects of a DVD-delivered exercise intervention on maintenance of physical activity in older adults. *Journal of Physical Activity and Health, 13, 594-598*
  19. Gothe, NP & McAuley, E. (2016). Yoga is as good as Stretching-Strengthening Exercises in Improving Functional Fitness Outcomes: Results from a Randomized Controlled Trial. *Journal of Gerontology: Medical Sciences, 71, 406-411*.
  20. Mackenzie, MM, Zuniga, KE, Raine, LB, Awick, EA, Hillman, CH, Kramer, AF, McAuley, E. (2016). Associations between physical fitness indices and working memory in breast cancer survivors and age-matched controls. *Journal of Women's Health, 25, 99-108*.
  21. Lucas, HD, Monti, JM, McAuley, E, Watson, PD, Kramer, AF, Cohen, NJ (2016). Relational memory and self-efficacy measures reveal distinct profiles of subjective memory concerns in older adults. *Neuropsychology, 30, 568-578*
  22. Motl, R. W., Sebastião, E., Klaren, R. E., McAuley, E., Stine-Morrow, E. A. L., & Roberts, B. W. (2016). Physical activity and healthy aging with multiple sclerosis: Literature review and research directions. *U.S. Neurology, 12, 29-33*.
  23. Nagamatsu, LS, Weinstein, AM, Erickson, KI, Fanning, J, Awick, E, Kramer, AF, and McAuley, E. (2016). Exercise mode moderates the relationship between mobility and brain

- volume in healthy older adults, *Journal of the American Geriatric Society*, 64, 102-108
24. Phillips, SM, Lloyd, GR, Awick, EA, & McAuley, E (2016). Correlates of objectively-measured sedentary behavior in breast cancer survivors. *Cancer Causes and Control*, 27, 787-795.
  25. Schwarzer, R. & McAuley, E., (2016). The world is confounded: A commentary on Williams and Rhodes. *Health Psychology Reviews*, 10, 133-135.
  26. Wajda, DA, Roeing, KL, McAuley, E, Motl, RW, Sosnoff, JJ (2016). The relationship between balance confidence and cognitive motor interference in individuals with multiple sclerosis. *Journal of Motor Behavior*, 48, 66-71.
  27. Zuniga, KE, Mackenzie, M, Kramer, AF, & McAuley E (2016). Subjective memory impairment and well-being in community-dwelling older adults. *Psycho-Geriatrics*, 16, 20-26.
  28. Zuniga, KE, Mackenzie, MJ, Raine, LB, Hillman, CH, Kramer, AF, & McAuley E (2016). Relationship between fruit and vegetable intake and interference control in breast cancer survivors. *European Journal of Nutrition*, 55, 1555-1563
  29. Awick, E. A., Wójcicki, T. R., Olson, E. A., Fanning, J. T., Chung, H. D., Zuniga, K. E., Mackenzie, M. J., Kramer, A.F., & McAuley, E. (2015). Differential exercise effects on quality of life and health-related quality of life in older adults: a randomized controlled trial. *Quality of Life Research*, 22, 455-462.
  30. Carpenter-Thompson, J., McAuley, E., & Husain, F.T. (2015). Physical activity, tinnitus severity and improved quality of life. *Ear and Hearing*, 36, 574-585
  31. Carpenter-Thompson, JR, Schmidt, S, McAuley, E, Husain, FT (2015). Increased frontal response may underlie decreased tinnitus severity in adults with higher physical activity levels. *PlosOne* 10, e0144419. doi: 10.1371/journal.pone.0144419.
  32. Gothe, G.P., Wójcicki, T.R., Olson, E.O., Fanning, J., Awick, E., Chung, H.D., Zuniga, K.E., Mackenzie, M.J., Motl, R.W., & McAuley, E. (2015). Physical Activity Levels and Patterns in Older Adults: The Influence of a DVD-Based Exercise Program. *Journal of Behavioral Medicine*, 38, 91-97.
  33. Gothe, N. & McAuley, E. (2015). Yoga and Cognition: A Meta-analysis of Chronic and Acute Effects. *Psychosomatic Medicine*, 77, 784-797.
  34. Learmonth, Y.C., Awick, E.A., McAuley, E., & Motl, R.W. (2015). Quality of life and health-related quality of life over 1 year in older women: Monitoring stability and reliability of measurement. *Social Indicators Research*, 123, 267-279.
  35. Olson, EA & McAuley, E (2015). Impact of a brief intervention on self-regulation, self-efficacy and physical activity in older adults with type 2 diabetes. *Journal of Behavioral Medicine*, 38, 886-889.
  36. Phillips, S.M., Mailey, E. L., Conroy, D. E., Pellegrini, C.A., Awick, E. & McAuley, E. (2015). Prospective relationships between different intensities of objectively measured physical activity and sedentary time and quality of life indicators in breast cancer survivors. *Cancer*. 121(22): 4044–4052. PMID: PMC4635035
  37. Phillips, SM., Dodd, KW., Steeves, J., McClain, J., Alfano, CM, McAuley, E (2015). Physical activity and sedentary behavior in breast cancer survivors: New insight into activity patterns and potential intervention targets. *Gynecologic Oncology*, 138,, 398-40
  38. Chaddock-Heyman, Mackenzie, MJ, Zuniga, KE, Cook, G, Awick, EA, Roberts, S, Erickson, KI, McAuley, E, & Kramer, AF. (2015). Higher cardiorespiratory fitness levels are associated with greater hippocampal volume in breast cancer survivors. *Frontiers in Human Neuroscience*, doi: 10.3389/fnhum.2015.00465
  39. Wong, CN, Chaddock-Heyman, L, Voss, MW, Burzynska, AZ, Basak, C, Erickson, KI, Prakash, RS, Szabo-Reed, A, Phillips, SM, Wojcicki, T, Mailey, EL, McAuley, E, Kramer, AF.(2015). Brain activation during dual-task processing is associated with cardiorespiratory fitness and performance in older adults. *Frontiers in Aging Neuroscience*, doi: 10.3389/fnagi.2015.00154
  40. Wojcicki, T.R., Fanning, J., Awick, E., Olson, E.A., Motl, R.W., & McAuley, E. (2015). Maintenance effects of a DVD-delivered exercise Intervention on physical function in older adults. *Journal of Gerontology: Medical Sciences*, 70, 785-789.

41. Burzynska, AZ, Wong, CN, Voss, MW, Cooke, GE, McAuley, E, and Kramer, AF (2015) White matter integrity supports BOLD signal variability and cognitive performance in the aging human brain. *PlosOne*, DOI 10.1371/journal.pone.0120315
42. McAuley, E, Wójcicki, TR, Learmonth, YC, Roberts, S., Elizabeth A Hubbard, SA, Kinnett-Hopkins, D, Fanning, J, Motl RW (2015). Effects of a DVD-Delivered Exercise Intervention on Physical Function in Older Adults with Multiple Sclerosis: A Pilot Trial. *Multiple Sclerosis Journal: Experimental, Clinical, and Translational*.1, 1-9.
43. Motl RW, Pilutti, L., Sandroff, B., Klarin, R., Balantrapu, S., McAuley, E., Fernhall B, Sosnoff JJ. (2015). Rationale and design of a randomized controlled, clinical trial investigating a comprehensive exercise stimulus for improving mobility disability outcomes in persons with multiple sclerosis. *Contemporary Clinical Trials*, 35, 151-158.
44. Motl RW, McAuley E, Sandroff BM, Hubbard EA. Descriptive epidemiology of physical activity rates in multiple sclerosis (2015). *Acta Neurologica Scandinavica*: 131, 422-435.
45. Motl, RW, Learmonth, Y, Wójcicki, TR, Fanning, J, Hubbard, E, Kinnett-Hopkins, D, Roberts, S, McAuley, E (2015). Preliminary Validation of the Short Physical Performance Battery in older adults with multiple sclerosis. *BMC Geriatrics*, doi: 10.1186/s12877-015-0156-3.
46. Phillips, S.M. & McAuley, E. (2015). Associations between self-reported post-diagnosis physical activity changes, body weight changes and psychosocial well-being in breast cancer survivors. *Supportive Care in Cancer*, 23, 159-167.
47. Rigon, A., Duff, MC, McAuley, E, Kramer, E, & Voss, MW (2015) Is traumatic brain injury associated with reduced inter-hemispheric functional connectivity? A study of large-scale resting state networks following traumatic brain injury. *Journal of Neurotrauma*, 022015; DOI: 10.1089/neu.2014.38447.
48. Spruit, MA, Pitta, F, McAuley, E, Zu Wallack, RL, Nici, L (2015). Pulmonary rehabilitation and physical activity in patients with COPD. *American Journal of Respiratory and Critical Care Medicine*, doi: 10.1164/rccm.201505-0929CI
49. Rogers, LQ; Courneya, KS; Anton, PM; Hopkins-Price, P; Verhulst, S; Vicari, S; Robbs, RS; Mocharnuk, R; McAuley E (2015) Effects of the BEAT Cancer physical activity behavior change intervention on physical activity, aerobic fitness, and quality of life in breast cancer survivors: A multicenter randomized controlled trial. *Breast Cancer Research and Treatment*. 149, 109-119.
50. Zuniga, KE & McAuley, E. (2015). Considerations in selection of dietary assessment methods for examining the effects of nutrition on cognition. *Journal of Nutrition, Health, and Aging*, 19, 333- 340
51. Zuniga, KE, Mackenzie, M, Kramer, AF, & McAuley E (2015). Subjective memory impairment and well-being in community-dwelling older adults. *Psycho-Geriatrics*. doi:10.1111/psyg.12112, 1-7.
52. Zuniga, KE, Mackenzie, MJ, Raine, LB, Hillman, CH, Kramer, AF, & McAuley E (2015). Relationship between fruit and vegetable intake and interference control in breast cancer survivors. *European Journal of Nutrition*. DOI 10.1007/s00394-015-0973-3
53. Buckley, J., Cohen, J., Kramer, AF, McAuley, E., & Mullen, SP (2014). Cognitive Control in the Self-Regulation of Physical Activity and Sedentary Behavior, *Frontiers in Human Neuroscience*, 8:747.
54. Burzynska AZ, Chaddock-Heyman L, Voss MW, Wong CN, Gothe NP, Olson EA, Knecht A, Lewis A, Cooke G, Wojcicki TR, Fanning J, Chung HD, Awick E, McAuley E, Kramer AF (2014). Physical activity and cardiorespiratory fitness are beneficial for aging white matter. *PLOS ONE*, 9, e107413
55. Ensari, I., Motl, R., Sandroff, B. M., Mullen, S., & McAuley, E. (2014). Pattern and predictors of change in depressive symptoms over 30 months in Multiple Sclerosis. *Multiple Sclerosis Journal*, 20, 602-610.
56. Harden, S.M., Fanning, J., Motl, R.W., McAuley, E., & Estabrooks, P.A. (2014). Determining the reach of a home-based physical activity program for older adults within the context of a randomized controlled trial. *Health Education Research*, 29(5), 861-869

57. Doerksen, S. & McAuley, E. (2014). Social cognitive determinants of dietary behavior change in university employees. *Frontiers in Public Health*, doi:10.3389/fpubh.2014.00023.
58. Fanning, J., & McAuley, E. (2014). A comparison of tablet computer and paper-based questionnaires in healthy aging research. *JMIR Research Protocols*, 3(3):e38.
59. Gothe, N., Kramer, A.F., & McAuley, E. (2014). The effects of an 8-week Hatha Yoga intervention on executive function in older adults. *Journal of Gerontology: Medical Sciences*, 69 1109-1116.
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61. Leckie, RL, Oberlin, LE, Voss, MW, Prakash, RS, Szabo-Reed, A, Chaddock-Heyman, L, Phillips, SM, Gothe, NP, Mailey, E, Vieira-Potter, VJ, Martin, SA, Pence, BD, Lin, M, Parasuraman, R, Greenwood, PM, Fryxell, KJ, Woods, J, McAuley, E, Kramer, AF, & Erickson, KI (2014). BDNF mediates improvements in executive function following a 1-year exercise intervention. *Frontiers in Human Neuroscience*, 8, 985.
62. Mackenzie, M., Carlson, LE, Paskevich, D., Ekkekakis, P., Wurz, A., Wytsma, K., Krens, K., McAuley, E., & Culos-Reed, N. (2014). Associations between attention, affect, and cardiac activity in a single yoga session for female cancer survivors: An enactive neurophenomenological approach. *Consciousness and Cognition*, 27, 129-146
63. Mailey, E.L., Huberty, J., Dinkel, D., & McAuley, E. (2014). Physical activity barriers and facilitators among working mothers and fathers. *BMC Public Health*, 14:657
64. Mailey, E.L., & McAuley, E. (2014). Physical activity intervention effects on perceived stress: The role of self-efficacy. *Women's Health*, 54, 552-568.
65. Marquez, DX., Wilbur, J., Hughes, S., Berbaum, ML, Wilson, R., Buchner, DM, McAuley, E. (2014). B.A.I.L.A. - A Latin dance randomized controlled trial for older Spanish-speaking Latinos: Rationale, design, and methods. *Contemporary Clinical Trials*, 38, 397-408.
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### **F.3. Peer Reviewed Presentations**

1. Banducci, SE, Burzynska AZ, Crowell JC, Kaczmarek, H, McAuley, E, Kramer, AF. Linking virtual street crossing performance to spatial working memory and cortical thickness in a healthy aging population" *Paper presented at the Cognitive Neuroscience Society meeting, San Francisco, CA, March 2015.*
2. Lucas, H.D., Watson, P.D., Monti, J.M., McAuley, E., Kramer, A.F., & Cohen, memory errors in spatial reconstruction. *Paper presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA, March 2015.*
3. Burzynska AZ, Patel K, Kranz M<sup>1</sup>, Kramer K<sup>1</sup>, McAuley E, Kramer AF. Interplay between fitness, physical activity, brain structure, and spatial working memory in old age. *Paper presented at the Dallas Aging, and Cognition Conference, Dallas, TX, January, 2015*
4. Mackenzie MJ, Zuniga KE, Raine LB, Awick EA, Hillman CH, Kramer AF, McAuley E (2015). Cardiorespiratory fitness, physical activity, and working memory in breast cancer survivors. *Paper presented at the Society of Behavioral Medicine meeting, San Antonio, TX, April 2015*
5. Awick, E. A., Fanning, J., Wojcicki, T. R., Roberts, S.A., Motl, R. W., & McAuley, E. Maintenance of Self-Esteem Following a DVD-Delivered Physical Activity Program for

- Older Adults. *Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April, 2015.*
6. Bullard, T.A., Banducci, S.E., Cohen, J., Palac, D., Erickson, K., Bherer, L., Kramer, A.F., McAuley, E., & Mullen, S.P. Effects on Cognitive Function from 20 Hours of Training: Secondary Outcomes from the CORTEX Trial. *Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  7. Ehlers, D., Banducci, S., Kramer, A., & McAuley, E. Can Increased Mobility Predict Complex Task Performance in Older Adults? *Poster presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  8. Fanning, J., Awick, E. A., Wojcicki, T. R., Roberts, S.A., Motl, R. W. & McAuley, E. Effects of DVD-Delivered Exercise Intervention on Maintenance of Physical Activity in Older Adults. *Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  9. Fanning, J., Mackenzie, M., Roberts, S.A., Ehlers, D., & McAuley, E. Physical Activity and Attention: A Momentary Assessment (PANAMA): Methods. Paper presented as part of the symposium *Advancements in Applying Ecological Momentary Assessment to Physical Activity and Dietary Research at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  10. Olson, E.A., & McAuley, E. Intervention Effects on Regulation, Efficacy, and Physical Activity in Diabetic Older Adults. *Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  11. Phillips, S.M., Dodd, K.W., Steeves, J., McClain, J., Alfano, C.M., & McAuley, E. Objectively Measured Activity Patterns in Breast Cancer Survivors Compared to Controls. *Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  12. Porter, G.C., Fanning, J., Awick, E.A., Roberts, S.A., Kramer, A.F., & McAuley, E. Psychological Distress is Associated with Disability Independent of Functional Performance. *Poster presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.*
  13. Roberts, S.A., Fanning, J., Wojcicki, T.R., Learmonth, Y.C., Hubbard, E.A., Kinnett-Hopkins, D., Motl, R.W., & McAuley, E. DVD-Delivered Physical Activity Effects in Individuals with Multiple Sclerosis: A Pilot Trial. Poster presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.
  14. Wójcicki, T. R., & McAuley, E. Influencing Social Cognitive Constructs via Social Media: Changes and Associations with Physical Activity. Poster presented at the Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX, April 2015.
  15. Rogers, L.Q., Courneya, K.S., Anton, P.M., Hopkins-Price, P., Verhulst, S., Vicari, S., Robbs, R., Hoelzer, K., Mocharnuk, R., & McAuley, E. BEAT Cancer Intervention Effects on Physical Activity and Quality of Life in Breast Cancer Survivors. Paper presented at the annual meeting of the Society of Behavioral Medicine in San Antonio, TX, April 2015.
  16. Wójcicki, T. R., McAuley, E., Grigsby-Toussaint, D., Hillman, C. H., & Huhman, M. (2014). "Using Facebook to Influence Adolescent Physical Activity: A Pilot Randomized Controlled Trial." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  17. Gothe, N., Wójcicki, T. R., Olson, E. A., Fanning, J. T., Awick, E. A., Motl, R. W., & McAuley, E. (2014). "Physical Activity Levels and Patterns in Older Adults: The Influence of a DVD-Delivered Exercise Program." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  18. Awick, E. A., Wójcicki, T. R., Olson, E. A., Fanning, J. T., Chung, H. D., Mackenzie, M. J., Zuniga, K. E., Motl, R. W., & McAuley, E. (2014). "Does a Home-Based DVD-Delivered Physical Activity Program Increase Self-Esteem in Older Adults: An RCT." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  19. Mackenzie, M. J., Chung, H. D., Zuniga, K. E., Vieria-Potter, V. J., Lowder, T. W., Keylock, K. T., Woods, J. A., McAuley, E. (2014). Paper presented at the annual meeting of the

- Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
20. Chung, H. D., Wójcicki, T. R., Olson, E. A., Fanning, J. T., Awick, E. A., Mackenzie, M. J., Zuniga, K. E., Motl, R. W., & McAuley, E. (2014). "Effects of a 6-Month DVD-Delivered Exercise Intervention on Functional Limitation in Older Adults." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  21. Gothe, N. P., McAuley, E., & Kramer, A. (2014). "The Effects of an 8-Week Hatha Yoga Intervention on Executive Function in Older Adults." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  22. Olson, E. A., Drollette, E., Raine, L., Hillman, C., & McAuley, E. (2014). "Immediate Effects of Blood Glucose on Working Memory Performance." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  23. Fanning, J. T., & McAuley, E. (2014). "A Comparison of iPad and Paper-Based Questionnaires in Healthy Aging Research." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  24. Zuniga, K. E., Mackenzie, M. J., Kramer, A., & McAuley, E. (2014). "Subjective Memory Impairment and Well-Being in Community-Dwelling Older Adults." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  25. Mullen, S. P., McAuley, E., & Motl, R. W. (2014). "Symptomology Profiles and Predictors of Change for Adults with Relapse-remitting Multiple Sclerosis across 30 Months." Paper presented at the annual meeting of the *Society of Behavioral Medicine*, Philadelphia, PA, April, 2014.
  26. Burzynska, A. Z., Wong, C. N., Voss, M. W., Knecht, A., Gothe, N. P., Olson, E. A., Wójcicki, T. R., Fanning, J. T., Chung, H. D., Awick, E. A., McAuley, E., & Kramer, A. F. "Cardiorespiratory Fitness and Physical Activity are Associated with Higher Blood Oxygen Level-Development (BOLD) Signal Variability in Old Age." Paper presented in *Cognitive Aging Conference*, Atlanta, GA, 2014.
  27. Wong, C. N., Burzynska, A. Z., Chaddock-Hwyman, L., Voss, M. W., Cooke, G. E., McAuley, E., & Kramer, A. F. "The Association between Aerobic Fitness Related Brain Function and Dual-Task Ability." Paper presented in *Cognitive Aging Conference*, Atlanta, GA, 2014.
  28. Wójcicki, T. R., & McAuley, E. "Protocol for the Social Media and Activity Research in Teens (SMART) Trial: RCT 2.0." Poster presented at the *Annual Meeting of the International Society for Research on Internet Interventions*, Chicago, IL, May 2013.
  29. Fanning, J., & McAuley, E. "Questionnaire and Inventory Evaluation via Tablets: Methods." Poster presented at the *Annual Meeting of the International Society for Research on Internet Interventions*, Chicago, IL, May 2013.
  30. Ensari, I., Motl, R. W., Sandroff, B. M., Mullen, S. P., & McAuley, E. "Pattern and Predictors of Change in Depressive Symptoms over 30 Months in MS." Poster presented at the *Annual Meeting for the Consortium of Multiple Sclerosis Centers*. Orlando, FL, May 2013.
  31. Wójcicki, T. R., Gothe, N., Fanning, J. T., Olson, E. A., Mullen, S. P., Motl, R. W., & McAuley, E. "The Influence of a DVD Exercise Program on Physical Function in Older Adults." Poster presented at the *Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity*, Ghent, Belgium, May 2013.
  32. McAuley, E. (2013). *Aging and Well-Being: The Role of Physical Activity*. Paper presented at the *Annual Meeting of the Gerontological Society of America*, New Orleans, LA, November 2013.
  33. Gothe, N., Keswani, R., McAuley, E., (2013). *Yoga Practice Improves Working Memory Capacity By Attenuating Stress Levels*. Paper presented at the *Annual Meeting of the Gerontological Society of America*, New Orleans, LA, November 2013.
  34. Gothe, N., Wójcicki, T., Fanning, J., Olson, E., Awick, E., Kramer, A., McAuley, E., (2013). Executive Function Processes Predict Mobility in Older Adults. Paper presented at the *Annual Meeting of the Gerontological Society of America*, New Orleans, LA, November 2013.
  35. Baniqueed, P., Lee, H., Cosman, J., Mullen, S., McAuley, E., Severson, J., McAuley, E., Kramer, A. *CrossFit: Forging Mental and Physical Fitness for Optimal Cognitive Function Across the*

- Lifespan*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, April , 2012.
21. Alvarez, T., Turney, I., Leckie, R., Voss, M., Prakash, R., Chaddock, L., Szabo, A., Mailey, E., McAuley, E., Kramer, A., Erickson, K. *Aerobic Fitness Moderates an Age-Related Decline in BDNF*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, April , 2012.
  22. Turney, I., Winstein, A., Alvarez, A., Prakash, R., Voss, M., Kim, J., Chaddock, L., Woods, J., McAuley, E., Erickson, K. *Brain-Derived Neurotrophic Factor (BDNF) Val66Met Polymorphism Is Not Associated With Volume of the Hippocampus or Basal Ganglia in Older Adults*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, April , 2012.
  23. Basak, C., Kim, J., Voss, M., Prakash, R., Erickson, K., Szabo, A., McAuley, E., Kramer, A. *Determining a Causal Relationship Between Fitness and Cognition in Late Adulthood*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, April , 2012.
  24. Voss, M., Wong, C., Baniqued, P., Burdette, J., Erickson, K., Prakash, R., McAuley, E., Maul, J., Kramer, A. *Brain and Cognitive Aging: A Network Science Perspective*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, April , 2012.
  25. Szabo, A.N., Voss, M.W., Wong, C., McAuley, E. & Kramer, A.F. *Role of Self-Efficacy in Task and Default Network Activation in Older Adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, April 2012
  26. Fanning, J., Mullen, S.P., & McAuley, E. *Increasing physical activity with mobile devices: A meta-analysis*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April,2012.

27. Olson, E.A., Wojcicki, T.R., Szabo, A.N., Mailey, E.L., Mullen, S.P., Gothe, N., Fanning, J., & McAuley, E. *Advanced lower extremity function in older adults: Intervention Effects*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
28. Mullen, S.P., Wojcicki, T.R., Mailey, E.L., Szabo, A.N., Gothe, N.P., Olson, E.A., Fanning, J., Kramer, A.F., & McAuley, E., *A profile for predicting attrition from exercise in older adults*. . Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
29. Dlugonski, D., Motl, R. W., Mohr, D. C., & Sandroff, B. M. (2012). *Internet-delivered behavioral intervention to increase physical activity in persons with multiple sclerosis: Sustainability and secondary outcomes*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
30. Suh, Y., Mullen, S., McAuley, E., & Motl, R. W. (2012). *Studying naturally occurring changes in physical activity over 24 months among persons with multiple sclerosis*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
31. Suh, Y., Sandroff, B. M., McAuley, E., & Motl, R. W. (2012). *Physical activity, symptoms, and walking impairment over time among persons with multiple sclerosis*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
32. Dlugonski, D., Japp Joyce, R., & Motl, R. W. (2012). *Meanings, motivations, and strategies for engaging in physical activity among women with multiple sclerosis*. Paper presented at the annual meeting of the Society of Behavioral Medicine in New Orleans, LA, April, 2012.
33. Mailey, E. L., Gothe, N., Motl, R. W., & McAuley, E. *Accelerometer data reduction: Is there an optimal interruption period for older adults?* Paper presented at the annual meeting of the Gerontological Society of America, Boston, MA, November 2011.
34. Szabo, A.N., Olson, E.A., Motl, R.W., & McAuley, E. *Perceived Health Status and Physical Activity in Older Adults*. Paper presented at the annual meeting of the Gerontological Society of America, Boston, MA, November 2011.
35. Olson, E.A., Szabo, A.N., Mullen, S.P., McAuley, E. & Kramer, A.F. *Pulse Pressure, Depression, Physical Function, and Cognitive Function in Health Older Adults*. Paper presented at the annual meeting of the Gerontological Society of America, Boston, MA, November 2011.
36. Chandramallika Basak, Kirk Erickson, Michelle Voss, Ruchika Prakash, Amanda Szabo, Siobhan White, Thomas R. Wojcicki, Emily Mailey, Edward McAuley, Arthur Kramer. *Cardiorespiratory Fitness Predicts Cognitive Abilities in Late Adulthood*. Paper presented at the Gerontological Society of America, November, 2011.
37. Wong, C., Voss, M.W., Basak, C., Parkash, R., Erickson, K.I., Chaddock, L., Kim, j., Phillips, S., Wojcicki, T.R., Mailey, E., Szabo, A., Gothe, N., Olson, E., McAuley, E., & Kramer, A.F. *A Profile of Brain Activation as a Function of Aerobic Fitness in the Dual-Task*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C, November 2011.
38. McAuley, E., Wojcicki, T.R., White, S.M., Mailey, E.L., Szabo, A.N., Gothe, N., Olson, E.A., Mullen, S.P., Fanning, J., Motl, R.W., Rosengren, K., Estabrooks, P. *Physical activity, function, and quality of life: Design and methods of the FlexToBa*. Paper presented at the Health Enhancing Physical Activity Conference, Amsterdam, Netherlands, October, 2011.
39. Fanning, J. T., Mullen, S. P., Szabo, A. N., Erickson, K. I., Kramer, A. F., & McAuley, E. *Individual Differences in Fitness and Memory Response Trajectories Across a 12-month Exercise Trial*. Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, April 2011.
40. Gothe, N. P., Mullen, S. P., Wójcicki, T. R., Mailey, E. L., White, S. M., Olson, E. A., Szabo,

- A.N., Kramer, A. F., & McAuley, E. *Trajectories of change in self-esteem in older adults: Exercise intervention effects*. Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, April 2011.
41. Miller, DL, Erickson, KI, Prakash, RS, Voss, MW, Basak, C, Kim, JS, Chaddock, L, Szabo, A, Mailey, E, White, SM, Wojcicki, TR, McAuley, E, Kramer, AF. *Fitness, cognition, and basal ganglia volume in older adults*. Presented at Organization for Human Brain Mapping, Quebec City, CA., June , 2011
  42. Mullen, S. P., Mailey, E. L., White, S. M., Wójcicki, T. R., Szabo, A. N., Gothe, N., Olson, E. A., Kramer, A. F., & McAuley, E. *Physical activity, self-efficacy, and functional limitations in older adults: A randomized control trial*. Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, April 2011.
  43. Szabo, A.N., Mullen, S.P., White, S.M., Wójcicki, T.R., Kramer, A., & McAuley, E. *Executive function, self-regulation, and self-efficacy effects on exercise adherence in older adults*. Presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, April 2011.
  44. Weinstein, AM, Sutton, BP, Prakash, RS, Voss, MW, Chaddock, L, Szabo, A, Mailey, E, White, SM, Wojcicki, TR, McAuley, E, Kramer, AF, Erickson, KI. (2011). *The effect of aerobic fitness on n-acetylaspartate and memory in neurologically healthy older adults*. Presented at International Neuropsychological Society Conference, Boston, MA, Feb, 2011.
  45. Kedem, L. E., Mailey, E. L., Evans, E. M., McAuley, E., & Chapman-Novakofski, K. *Internal reliability and characterization of psychosocial constructs related to healthy eating patterns in female college freshmen*. Presented at the American Dietetic Association's Annual Food & Nutrition Conference & Expo, Boston, MA, November 2010.
  46. Chandramallika Basak, Kirk Erickson, Michelle Voss, Ruchika Prakash, Amanda Szabo, Edward McAuley, and Arthur F. Kramer. *Cardiorespiratory fitness and neural correlates of dual tasking in older adults*. Presented at the Gerontological Society of America, September, 2010.
  47. Voss, M.W., Erickson, K.I., Prakash, R.S., Basak, C., Chaddock, L., Kim, J.S., Alves, H., Heo, S., Szabo, A.N., White, S.M., Wojcicki, T.R., Mailey, E.L., Olson, E.A., Gothe, N., Potter, V.V., Martin, S.A., Pence, B.D., Cook, M.D., Woods, J.A., McAuley, E.M., & Kramer, A.F. (2010). *Neurobiological markers on plasticity of brain networks in a randomized intervention trial of exercise training in older adults*. Presented at the 2<sup>nd</sup> Biennial International Conference on Resting-State Connectivity, Milwaukee, WI, September, 2010
  48. Mailey, E. L., Szabo, A. N., Wójcicki, T. R., Gothe, N., White, S. M., Olson, E. A., Kramer, A. F., & McAuley, E. *Physical activity and social support in older adults*. Presented at the Third International Congress on Physical Activity and Public Health, Toronto, Canada, May 2010.
  49. White, S. M., Mailey, E. L., Wójcicki, T. R., Szabo, A. N., Gothe, N., Olson, E. A., Kramer, A. F., & McAuley, E. *Physical activity and physical function in older adults*. Presented at the Third International Congress on Physical Activity and Public Health, Toronto, Canada, May 2010.
  50. Gothe, N. P., Mailey, E. L., Wójcicki, T. R., White, S. M., Szabo, A. S., & McAuley, E. *Physical activity, self-efficacy and self-esteem: Hierarchical and longitudinal relationships as a function of exercise intervention*. Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April 2010.
  51. Hall, K.S., & McAuley, E. *Achieving the 10,000 daily steps goal in older adults: Associations with perceived and objective environmental attributes and individual factors*. Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA 2010.
  52. Hall, K.S., & McAuley, E. *Does satisfaction with abilities mediate the relationship with disability and depressive symptoms in older adults with mobility disability?* Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA 2010.

53. Mailey, E. L., Wójcicki, T. R., Hu, L., McAuley, E., & Motl, R. W. *Internet-based physical activity program for students with mental health disorders: A randomized pilot trial*. Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April 2010.
54. Szabo, A. S., Basak, C., Voss, M., White, S. M., Wójcicki, T. R., Mailey, E. L., Kramer, A. F., & McAuley, E. *Physical activity as an influence of change in self efficacy and cognitive performance in older adults*. Presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April 2010.
55. White, S.M., McAuley, E., & Motl, R.W. *Physical activity and fatigue in multiple sclerosis: Psychosocial mechanisms*. Presentation at the annual meeting of the Society of Behavioral Medicine, April 2010.
56. Wójcicki, T.R., White, S.M., & McAuley, E. *Importance, outcome expectations, and physical activity in community-dwelling older adults*. Presentation at the annual meeting of the Society of Behavioral Medicine, April 2010.
57. Voss, M.W., Prakash, R.S., Erickson, K.I., Basak, C., Chaddock, L., Kim, J.S., Alves, H., Heo, S., Szabo, A., White, S.M., Wojcicki, T.R., Mailey, E.L., Gothe, N., Olson, E.A., McAuley, E., & Kramer, A.F. (2010). *Plasticity of brain networks in a randomized intervention trial of exercise training in older adults*. Paper presented at the Cognitive Aging Conference, Atlanta, GA, March 2010.
58. J.S. Kim, C. Basak, E. Clark, K.I. Erickson, R.S. Prakash, M.V. Voss, K.J. Fryxell, R. Parasuraman, P.M. Greenwood, E. McAuley, and A.F. Kramer *Effects of DBH genotype on executive control and memory in healthy, older adults*. Paper presented at the annual Conference on Cognition and Aging, Atlanta, GA, March, 2010.
59. White, S.M., McAuley, E., Rogers, L.Q. & Courneya, K.S. *Psychosocial mechanisms for explaining the relationship between physical activity and fatigue in breast cancer survivors*. Paper presented at the annual meeting of the American Association for Cancer Research International Conference: Frontiers in Cancer Prevention Research, Houston, TX, December 2009.
60. Hall, K.S., & McAuley, E. *Testing a theoretical model of physical activity, disability, and quality of life in long-term care residents*. Paper presented at the annual meeting of the Gerontological Society of America, Atlanta, GA 2009.
61. Szabo, A.N., Voss, M., Erikson K.I., White, S.M., Wojcicki, T., Mailey, M., Kramer, A.F., & McAuley, E. *Hippocampus volume, memory function, and frequency of forgetting in older adults*. Poster presented at the annual meeting of the Gerontological Society of America, Atlanta, GA, November 2009.
62. McAuley, E., White, S.M., Klamm, E.L., Szabo, A.S., Hu, L., Hall, K.S., & Kramer, A.F. *Physical activity, aging, and self-esteem: A randomized controlled trial*. Paper presented at the International Association of Gerontology and Geriatrics, Paris, France, July, 2009.
63. Doerksen, S., & McAuley, E. *Psychosocial predictors of nutrition behavior change in a worksite sample*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada, April 2009.
64. Gothe, N. P., Szabo, A. S., Klamm, E. L., Wójcicki, T. R., White, S. M., & McAuley, E. *Independent effects of environment, self-efficacy, and self-regulation on physical activity in older women*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada, April 2009.
65. Klamm, E. L., Wójcicki, T. R., White, S. M., Szabo, A. N., Kramer, A. F., & McAuley, E. *Differential effects of physical activity intervention on self-efficacy in older adults*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada, April 2009.

66. Konopack, J. F., & McAuley, E. (2009). *Efficacy-Mediated Effects of Spirituality and Physical Activity on Quality of Life*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Montréal, QC, April 2009
67. Szabo, A. N., Hall, K.S., Alvarado, M. Voss, M., Erikson, K.I., Kramer, A. F., & McAuley, E. *Brain, Behavior, and Self-Efficacy for Cognitive Function in Older Adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Montréal, QC, April 2009. White, S. M., Wójcicki, T. R., & McAuley, E. *Physical activity and satisfaction with life in older adults*. Oral presentation at the annual meeting of the Society of Behavioral Medicine, Montréal, Canada, April 2009.
68. Wójcicki, T. R., Hu, L., Szabo, A. N., White, S. M., Klamm, E. L., Kramer, A. F., & McAuley, E. *Is the importance of physical activity associated with function and quality of life in older adults?* Paper presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada, April 2009.
69. Kedem, L. E., Klamm, E. L., Evans, E. M., McAuley, E., & Chapman-Novakofski, K. *Nutrition-related self-efficacy and outcome expectancies of freshman women*. Poster presented at the annual Experimental Biology Conference, New Orleans, LA, April 2009.
70. Szabo, A. N., Alvarado, M., Morris, K. S., Klamm, E., Erickson, K., Kramer, A. S., & McAuley, E. *Fitness and self-efficacy effects on cognitive performance in older adults*. Poster presented at the annual meeting of the Gerontological Society of America, Washington, DC, November 2008.
71. White, S. M., McAuley, E. *Improving the health of communities: Issues relative to physical activity in breast cancer survivors*. Paper presented at the annual meeting of the American Public Health Association, San Diego, CA, October 2008.
72. Elavsky, S., Swartzwelder, J., & McAuley, E. (2008). *Long-term effects of walking and yoga interventions on physical activity in middle-aged women*. *Annals of Behavioral Medicine*, 35(1), S218.
73. Klamm, E. L., White, S. M., Morris, K. S., Wójcicki, T. R., & McAuley, E. *Predicting cardiorespiratory fitness without maximal exercise testing in older adults*. Poster presented at the annual meeting of the Society for Behavioral Medicine, San Diego, CA, March 2008.
74. Konopack, J. F., & McAuley, E. (2008). *Gender Differences in Religiosity-Social Support Relations*. Poster presented at the Annual Meeting of the Society of Behavioral Medicine, San Diego, CA.
75. Szabo, A.N., Morris, K.S., Alvarado, M., Kramer, A.F., & McAuley, E. *Self-Efficacy, Physical Activity and Cognition in Older Adults*. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA, March 2008.
76. White, S.M. & McAuley, E. *Physical Activity and Quality of Life in Breast Cancer Survivors: A RE-AIM Analysis*. Paper presented at the annual meeting of the Society for Behavioral Medicine, San Diego, CA, March 2008.
77. Wojcicki, T.R., White, S.M., & McAuley, E. *Outcome Expectations in Physical Activity Research: Development and Validation of the Exercise and Physical Activity Beliefs Scale*. Paper presented at the annual meeting of the Society for Behavioral Medicine, San Diego, CA., March 2008.
78. Kim, J.S., Erickson, K.I, Suever, B.L., Colcombe, S.J., McAuley, E., Francis, B.M., Kramer, A.F. *COMP and DBH genotype predict performance in healthy older adults*. Paper presented at the Society for Neuroscience, San Diego, CA, November 2007
79. Erickson, KI, Kim, JS, Suever, BL, Colcombe, SJ, McAuley, E, Francis, BM, Kramer, AF. *COMT val158met polymorphism is associated with working memory and executive function in community-dwelling older adults*. Presented at Cognitive Aging Conference, Adelaide, South Australia, July 2007.

80. Morris, K.S., McAuley, E., Motl, R.W., Doerksen, S.E., Wojcicki, T., White, S., & Hu, L. *Physical activity, self-efficacy, and functional limitations in older women: A panel model*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Washington, D.C., March 2007.
81. White, S. M., Wojcicki, T., & McAuley, E. Cross-Validation of a Non-Exercise Test Model to Predict Cardiorespiratory Fitness in Older Adults. Paper presented at the Society of Behavioral Medicine, Washington, DC, March 2007.
82. Doerksen, S. E., Umstatted, M. R., & McAuley, E. Social Cognitive Parameters and Objectively-Measured Physical Activity in College Freshmen. Paper presented at the Society of Behavioral Medicine, Washington, DC, March 2007.
83. Elavsky, S. & McAuley, E. Personality factors and symptom reporting during menopause. Paper presented at the Society of Behavioral Medicine, Washington, DC, March 2007.
84. Motl, R.M., Snook, E.M., Scott, J., & McAuley, E. Physical activity and the disablement process in Multiple Sclerosis. Paper presented at the Society of Behavioral Medicine, Washington, DC, March 2007.
85. Konopack, J. & McAuley, E. *Private religious practice and organizational religiosity: Implications for physical and mental health*. Paper presented at the annual meeting of the Gerontological Society of America, Dallas, TX, November, 2006.
86. Umstatted, M., McAuley, E., & Motl, R. *Dispositional pessimism and self-efficacy influence physical function..* Paper presented at the annual meeting of the Gerontological Society of America, Dallas, TX, November, 2006.
87. Morris, K.S., McAuley, E., Hess, J., Wojcicki, T., & White, S. *Gait, self-efficacy, age, and ethnicity: A latent growth curve analysis*. Paper presented at the annual meeting of the Gerontological Society of America, Dallas, TX, November, 2006.
88. Hess, J.J., Morris, K.S., Doerksen, S.E., Buck, S.M., Themanson, J.R., Pontifex, M.B., Hillman, C.H. & McAuley, E. *Fitness, self-efficacy, and cognitive performance in older adults*. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May 2006.
89. Morris, K.S., McAuley, E. & Evans, E. *Associations between self-reported physical activity, inactivity, and physical function in older women*. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May 2006.
90. Elavsky, S., McAuley, E., & Evans, E. *Physical activity effects on perceived sleep quality during menopause*. Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May 2006.
91. Doerksen, S.E., Umstatted, M.R., Evans, E.M., Kessinger, R., & McAuley, E. *Physical activity, body composition, and bone health in college freshmen*. Paper presented at the International Congress on Physical Activity and Public Health, Atlanta, GA, April, 2006.
92. Konopack, J.F., Marquez, D.X., & McAuley, E. *Using accelerometers to assess lifestyle physical activity in older adults*. Paper presented at the International Congress on Physical Activity and Public Health, Atlanta, GA, April, 2006.
93. Brumback, C., Gordon, B., Schneider, N., Lee, Y., Doerksen, S., Morris, K., McAuley, E., Gratton, G., & Fabiani, M. *Aging and individual differences in the antisaccade task*. Presented at the Cognitive Aging Conference, Atlanta, GA, April, 2006.
94. Termini, L. R., Shin, E., Brumback, C. R., Gordon, B. A., Lee, Y., McAuley, E., Schneider, N., Basak, C., Morris, K., Doerksen, S., Gratton, G., & Fabiani, M. *The effect of age and cardiopulmonary fitness level on working memory processing*. Presented at the Cognitive Aging Conference, Atlanta, GA, April, 2006.

95. Fabiani, M., Brumback, C. R., Pearson, M. A., Gordon, B. A., Lee, Y., Barre, M., O'Dell, J., Maclin, E. L., Elavsky, S., Konopack, J. F., McAuley, E., Webb, A., Kramer, A. F., & Gratton, G. *Effects of age and cardiovascular fitness on anatomy and physiology of the brain: Relationship with cognition and implications for brain imaging*. Presented at the Cognitive Aging Conference, Atlanta, GA, April, 2006.
96. Elavsky, S. & McAuley, E. Exercise to reduce negative and depressive symptoms during menopause. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
97. Hu, L., McAuley, E., & Motl, R.W. Influence of self-efficacy on the relationship between RPE and exercise intensity in older adults. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
98. Konopack, J.F., McAuley, E., Hu, L., & Kramer, A. (2006). Changes in functional fitness following a randomized controlled exercise trial. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
99. McAuley, E. Self-efficacy and physical activity in older adults. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
100. McAuley, E., Konopack, J.F., Doerksen, S.E., Morris, K.S., Wojcicki, T., & White, S. Functional limitations and physical activity in older women: efficacy, age, and ethnicity effects. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
101. Motl, R.W. & McAuley, E. Examining social-cognitive correlates of physical activity: New insight based on covariance modeling techniques. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
102. Motl, R.W., McAuley, E., & Snook, E.M. Physical activity, social support, and quality of life in multiple sclerosis: possible roles of self-efficacy and functional limitations. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.
103. Elavsky, S., & McAuley, E. Physical activity and menopause-related quality of life: The role of affect and Symptoms. Paper presented at the annual meeting of the North American Menopause Society, San Diego, California, September 2005.
104. Morris, K.S. & McAuley, E. Physical activity in older women: Is the environment an important correlate? Paper presented at the annual meeting of the Gerontological Society of America, Orlando, FL, November, 2005.
105. Morris, K.S., Doerksen, S., McAuley, E., Hillman, C., Buck, S., Themanson, J., Pontifex, M. *Self-efficacy, cognition, and fitness in older adults*. Paper presented at the International Society of Behavioral Nutrition and Physical Activity, Amsterdam, Netherlands, June, 2005.
106. McAuley, E., Konopack, J.F., Doerksen, S., Morris, K.S., & Motl, R.W. *Physical activity and quality of life in older adults: influence of health status and self-efficacy*. Paper presented at the International Society of Behavioral Nutrition and Physical Activity, Amsterdam, Netherlands, June, 2005.
107. Elavsky, S., & McAuley, E. Physical activity enhances menopause-related quality of life: Results of a 4-month randomized controlled trial. Presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Amsterdam, Netherlands, June 2005.
108. Elavsky S., McAuley, E. *Physiological and psychological correlates of menopause-related quality of life*. Paper presented at the Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2005.
109. Evans, E.M., Elavsky, S., Morris, K.S., Kessinger, R.B., McAuley, E. *Influence of soft tissue composition and fitness on bone mineral density in perimenopausal women*. Paper presented at the

- Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2005.
110. Konopack, J.F., McAuley, E., Morris, K.S., Hu, L., Motl, R.W., Rosengren, K. *Physical activity and functional limitation in older women: A latent variable model*. Paper presented at the Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2005.
  111. Morris, K.S., McAuley, E., Elavsky, S., Konopack, J.F., Hu, L., Motl, R.W., Doerksen, S.E. *Maintenance of long-term physical activity in older adults: Activity mode and self-efficacy influences*. Paper presented at the Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2005.
  112. Motl, R.W., McAuley, E., Snook, E.M. *Physical activity and Multiple Sclerosis: A meta-analysis*. Paper presented at the Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2005.
  113. Erickson, K.I., Colcombe, S.J., Elavsky, S., Korol, D.L., Scalf, P., McAuley, E., & Kramer, A.F. *Mind your body, spare your brain: interactive effects of fitness and estrogen treatment on brain and cognitive health*. Paper presented at Cognitive Neuroscience Society, New York, NY, April, 2005.
  114. Fabiani, M. Brumback, C. R., Pearson, M.A., Gordon, B. A., Lee, Y., Barre, M., O'Dell, J., Maclin, E.L., Elavsky, S., Konopack, J.F., McAuley, E., Kramer, A.F., & Gratton, G. *Neurovascular coupling in young and old adults assessed with neuronal (EROS) and hemodynamic (NIRS) optical imaging measures*. Presented at the Cognitive Neuroscience Society Meeting, New York, NY, April, 2005.
  115. Gratton, G., Maclin, E. L., Brumback, C. R., Gordon, B., Pearson, M., Lee, Y., Kramer, A. F., Colcombe, S., McAuley, E., Fabiani, M. *Comparison of optical (NIRS and EROS) and fMRI measures in young and old adults varying in fitness level*. Presented at the Cognitive Neuroscience Society Meeting, New York, NY, April, 2005.
  116. Elavsky, S., McAuley, E., Morris, K. *Relationships among physical activity outcomes, symptoms, and satisfaction with life during menopause*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April, 2005.
  117. Hu, L., McAuley, E., Elavsky, S. *Does the physical self-efficacy scale assess self-efficacy or self-esteem?* Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April, 2005.
  118. Konopack, J.F., Marquez, D.X., Hu, L., Elavsky, S. McAuley, E., Kramer. A.F. *Correlates of functional fitness in older adults*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April, 2005.
  119. Marquez, D.X. & McAuley, E. *Leisure time physical activity among Latinos: Social cognitive correlates*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April, 2005.
  120. Motl, R.W., McAuley, E., & Snook, E.M. *Measuring physical activity among individuals with Multiple Sclerosis*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April, 2005.
  121. J.F. Konopack, E. McAuley, R.W. Motl, K. Rosengren, K.S. Morris. *Measuring disability and function in older women: Psychometric properties of the Late Life Function and Disability Instrument*. Paper presented at the annual meeting of the Gerontological Society of America, Washington, DC, November, 2004
  122. Fabiani, M. Brumback, C. R., Pearson, M.A., Gordon, B. A., Lee, Y., Barre, M., O'Dell, J., Maclin, E.L., Elavsky, S., Konopack, J.F., McAuley, E., Kramer, A.F., & Gratton, G. *Neurovascular coupling in young and old adults assessed with neuronal (EROS) and*

- hemodynamic (NIRS) optical imaging measures*. Paper presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL, October, 2004
123. Elavsky, S., McAuley, E., Motl, R.W., Marquez, D.X., Konopack, J.F., Jerome, G.J., & Morris, K.S. *Physical activity and quality of life across a 4-year period in older adults*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  124. Jerome, G.J., & McAuley, E. *Validation of online and paper walking logs for middle-aged adults: A pilot study*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  125. Marquez, D.X., Motl, R.W., McAuley, E., Elavsky, S., Konopack, J.K., Hu, Liang, Jerome, G.J., & Kramer, A.K. *Construct validation of a short depression scale for use in exercise studies among older adults*. presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  126. Motl, R.W., McAuley, E., Birnbaum, A.S., & Lytle, L.A. *Relationships among longitudinal changes in television watching, video game playing, and physical activity during adolescence*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  127. Keylock, T.K., McAuley, E., & Woods, J.A. *Delayed-type hypersensitivity responses in highly fit versus sedentary elderly*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  128. Ross, K.M., Keylock, K.T., Lowder, T., McAuley, E., & Woods, J.A. *Natural killer cell activity in older adults of varying fitness levels*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  129. Zachariodou, V., Ross, K., Evans, E., Rosengren, K., & McAuley E. *Racial differences in bone dependent and bone independent fracture risk factors*. . Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
  130. Elavsky, S. & McAuley E. *Physical activity and satisfaction with life during menopause*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Baltimore, MD, March 2004.
  131. Konopack, J.F., McAuley, E., Marquez, D.X., Elavsky, S., Jerome, G.J., Hu, L., & Washburn, R.A. *Accelerometry among older adults: Relationships between physical activity, fitness, and well-being*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Baltimore, MD, March 2004.
  132. Jerome, G.J., Marquez D.X., Elavsky, S., Konopack J.F., Hu L., McAuley. E. *Testing the exercise and self-esteem model in older adults*. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.
  133. Marquez D.X., Jerome, G.J., Elavsky, S., Konopack J.F., Hu L., Ramsey, S., Jurgens, V., McAuley E. *Aerobic fitness and physical activity as predictors of functional fitness in older adults*. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.
  134. Alain C, Rypma B, Kramer AF, Colcombe SJ, Erickson K, Scalf P, McAuley E, Fabiani M, Gratton G *Attention and working memory changes in aging*. Paper presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL, October, 2003
  135. Kramer AF, Colcombe SJ, Erickson K, Scalf P, McAuley E. *Cognitive and brain plasticity of older adults* Paper presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL, October, 2003

136. Elavsky, S., & McAuley, E. *Does the physical self-efficacy scale measure self-efficacy or self-esteem?* Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.
137. McAuley, E. & Jerome, G.J. *The role of affective, social, and behavioral influences efficacy expectations and subsequent long-term maintenance of activity in older adults.* Paper presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Seattle, WA, July, 2002.
138. Jerome, G.J., McAuley, E., Elavsky, S., & Marquez, D.X. *Exercise related well-being in older adults: Social cognitive influences.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, April, 2003.
139. McAuley, E., Jerome, G.J., Marquez, D.X., Elavsky, S., Konopack, J.F., Ramsey, S.N., & Jurgens, V. (2003). *Predicting long-term physical activity in older adults: A five-year follow-up.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, April, 2003.
140. Marquez, D.X., McAuley, E., Elavsky, S., Jerome, G.J., Kramer, A.F., Patel, P., Poetzel, K., Ramsey, S.N., & Flynn, S. (2003). *Exercise intervention effects on functional performance in older adults: Cognitive and fitness influences.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, April, 2003.
141. Elavsky, S., & McAuley, E. (2003). *Physical activity effects on symptom reporting and self-esteem in climacteric women.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, April, 2003.
142. Hillman, C.H., Belopolsky, A.V., Snook, E.M., Kramer, A.F., & McAuley, E. *Its not how much you do, but what you do: Physical activity and executive function in older adults.* Paper presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC, September, 2002
143. Jerome, G.J., Canaklisova, S., Marquez, D.X., Ramsey, S.N., McAuley, E., & Kramer, A. F. *Fitness and psychosocial correlates of physical symptoms in older adults.* Paper presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Seattle, WA, July, 2002.
144. Blissmer, B. & McAuley, E. *Predicting quality of life outcomes from a lifestyle activity intervention: Impact of self-efficacy and activity level.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD, June, 2002.
145. Hillman, C.H., Belopolski, A., Snook, E.M., Kramer, A.F., & McAuley, E. *Aging, physical activity, and executive control function.* Paper presented at the annual meeting of the American College of Sports Medicine, St. Louis, MO, June 2002.
146. Blissmer, B. & McAuley, E. *Stages of physical activity, health-related quality of life, and satisfaction with life.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington DC, April, 2002.
147. Jerome, G.J., Marquez, M.S., McAuley, E., Canaklisova, S., Snook, E., & Vickers, M. *Self-efficacy effects on feeling states in women.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington DC, April, 2002
148. Marquez, D.X., Jerome, G.J., McAuley, E., Snook, E., & Canaklisova, S. *Self-efficacy manipulation and state anxiety responses to exercise in non-Latina whites and Latinas.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington DC, April, 2002

149. McAuley, E., Jerome, J.J., Marquez, D.X., Canaklisova, S., & Ramsey, S.N. *Adherence beyond program termination: Efficacy, social, and affective influences*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington DC, April, 2002
150. Colcombe, S., Kramer, A.F., Erickson, K., Belopsky, A, Webb, A., Cohen, N., McAuley, E., & Wszalek, T. *An fMRI examination of models of age-related decline in cognitive function*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA, March 2002.
151. Jerome, G.J., McAuley, E., Rosengren, K.S., & Boule, A. *Physical activity, self-efficacy, and falling in older adults*. Paper presented at the annual meeting of the Gerontological Society of America, Chicago, IL, November, 2001
152. McAuley, E., Jerome, G.J., Marquez, D.X., & Canaklisova, S. *Sources of exercise self-efficacy in older adults*. Paper presented at the annual meeting of the Gerontological Society of America, Chicago, IL, November, 2001
153. Kramer, A.F., Colcombe, S., McAuley, E., & Cohen, N. *Fitness effects on brain and cognition*. Paper presented at the 7<sup>th</sup> Annual Graylyn Conference on Women=s Health, Wake Forest University, Winston-Salem, NC, October, 2001.
154. Blissmer, B., & McAuley, E. *Using the processes of change for exercise as predictors within the theory of planned behavior*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO, June, 2001.
155. Jerome, G.J., McAuley, E., & Marquez, D.X. *Subjective responses to acute exercise before and after training in older adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO, June, 2001.
156. Marquez, D.X., McAuley, E., Jerome, G.J., & Canikislova, S. *Exercise-related affective changes in older adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO, June, 2001.
157. Blissmer, B., & McAuley, E. *Testing the requirements of stages of physical activity among adults: Comparative effectiveness of stage-matched, stage mismatched, standard care, and control interventions*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, March, 2001.
158. Jerome, G.J., McAuley, E., Marquez, D.X., & Canaklisova, M.A. *Exercise, depression, and social support in healthy older adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, March, 2001.
159. Katulla, J.A. & McAuley, E. *The influence of self-evaluative feedback on exercise-induced affective change*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, March, 2001.
160. McAuley, E., Marquez, D.X., Jerome, G.J., & Blissmer, B. *Self-efficacy, exercise, and social support in older adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, March, 2001.
161. Marquez, D.X. & McAuley, E. *Social physique anxiety and self-efficacy influences on responses to evaluative threat*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, March, 2001.
162. McAuley, E., Marquez, D., Jerome, G.J., & Blissmer, B. *Physical activity effects on social support: Generalized or specific?* Paper presented at the annual meeting of the Gerontological Society of America, San Francisco, CA, November, 2000
163. Blissmer, B., McAuley, E., & Marquez, D.X. *Effort, self-efficacy, and social support influences on feeling states across an exercise trial*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Nashville, TN, March, 2000.
164. Marquez, D.X., McAuley, E., Blissmer, B., Jerome, J. *Changing the value of exercise in older*

- adults: Self-efficacy, and physical activity influences.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Nashville, TN, March, 2000.
165. Katula, J.A. & McAuley, E. *The mirror does not lie: Acute exercise and self-efficacy.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Nashville, TN, March, 2000.
  166. McAuley, E., Blissmer, B., & Katula, J., *Exercise, aging, and subjective well-being: A latent growth curve analysis.* Paper presented at the annual meeting of the Gerontological Society of America, San Francisco, CA, November, 1999
  167. Mihalko, S. & McAuley, E. *Relations among changes in physique anxiety and quality of life in exercising older women.* Paper presented at the annual meeting of the Gerontological Society of America, San Francisco, CA, November, 1999
  168. McAuley, E. *Mode of activity and psychological function in older adults.* Paper presented as part of the symposium, *Determinants of physical activity in older adults* at the Fifth World Congress of physical Activity, Aging, and Sports, August 11, 1999, Orlando, FL.
  169. Blissmer, B. & McAuley, E. *Examining the roles of perceptions of control, difficulty, and self-efficacy in the Theory of Planned Behavior.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June, 1999.
  170. Katula, J., McAuley, E., Blissmer, B., & Marquez, D. *Social physique anxiety in older adults: Exercise, fitness, and efficacy influences.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June, 1999.
  171. McAuley, E., Blissmer, B., Katula, J., & Mihalko, S. *A randomized controlled trial of exercise effects on subjective well-being in older adults.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June, 1999.
  172. Woods, J.A., Ceddia, M.A., Wolters, B.W., Evans, J.K., Lu, Q., & McAuley, E. *Effects of six months of moderate aerobic exercise training on immune function in the elderly.* Paper presented at the annual meeting of the American College of Sports Medicine, Seattle, WA, June, 1999.
  173. Dunn E.C. & McAuley, E. *Affective responses to acute exercise of varying intensity.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Deigo, CA, March 5, 1999.
  174. Blissmer, B., Katula, E., & McAuley, E. *Effects of exercise intensity and self-efficacy on anxiety reduction in healthy older adults.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Deigo, CA, March 5, 1999.
  175. Katula, J., McAuley, E., & Blissmer, B. *Exercise and self-esteem in older adults.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Deigo, CA, March 5, 1999.
  176. Mihalko, S. & McAuley E. *Testing a hierarchical approach to the assessment of self-esteem in older adults.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Deigo, CA, March 5, 1999.
  177. McAuley, E., Katula, J., Blissmer, T.E., & Duncan, T.E. *Exercise in older adults: Dose influences on affective responses.* Paper presented at the annual meeting of the Gerontological Society of America, Philadelphia, PA, November, 1998
  178. Mihalko, S. & McAuley, E. *The effects of strength and flexibility on self-esteem in older women.* Paper presented at the annual meeting of the Gerontological Society of America, Philadelphia, PA, November, 1998
  179. Rosengren, K.S., Woods, D., Mihalko, S., McAuley, E., Novak, R., & Foster, R. *Balance, falls, fear of falling and gait speed in African-American and Caucasian women.* Paper presented at the annual meeting of the Gerontological Society of America, Philadelphia, PA, November, 1998

180. Dunn, E., & McAuley, E. *Positive and negative influences of acute exercise on self-efficacy*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL, June, 1998
181. Katula, J., McAuley, E., & Blissmer, B. *Conscientiousness, goal setting, and exercise adherence in older adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL, June, 1998
182. McAuley, E., Mihalko, S., Katula, J., Pena, M., & Blissmer, B. *Differential exercise training effects on self-efficacy in the elderly*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL, June, 1998
183. Mihalko, S. & McAuley, E. *A comparison of two exercise interventions on efficacy cognitions in older women*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL, June, 1998
184. Pena, M., McAuley, E., Katula, J., Mihalko, S., Blissmer, B., & Dunn, E. *Affective Responses to Maximal Exercise Following a 6-Month Walking or Toning Exercise Program in Older Adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL, June, 1998
185. Pongurgsorn, C., Dykstra, G.L., McAuley, E., Misner, J.E., & Boileau, R.A. *Comparison of two methods based on heart rate to estimate exercise intensity (%VO<sub>2</sub>max) in the elderly*. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL, June, 1998.
186. McAuley E. *Interventions to enhance adherence to physical activity in older adults*. Paper presented at the Claude D. Pepper Older Americans Independence Center Conference on Adherence to behavioral and pharmacological interventions in clinical research on older adults, Wake Forest University Medical School, Winston Salem, NC, May 22, 1998
187. Boileau, R., McAuley, E., Demetriou, D., Devabhaktuin, N., Dykstra, G., & Nelson, J. *Exercise training and aerobic fitness in the elderly*. Paper presented at annual meeting of the Federation of American Societies of Experimental Biology, San Francisco, CA, April 1998.
188. Kramer, A., Hahn, S., Banich, M., Cohen, N., McAuley, E., Bardell, L., Harrison, C., Chason, J., Vakil, E., Prioux, H., Glass, A., Minear, M., & Nash, C. *Influence of aerobic fitness on the neurocognitive function of sedentary older adults*. Paper presented at the annual conference on Cognition and Aging, Atlanta, GA, April, 1998.
189. Harison, C., Kramer, A., Hahn, S., Bardell, L., Cohen, N., McAuley, Vakil, E., & Chason, J.. *Age-related decrements in a wayfinding task are not accounted for by general slowing*. Paper presented at the annual conference on Cognition and Aging, Atlanta, GA, April, 1998.
190. McAuley, E., Mihalko, S. Katula, J., Pena, M., Blissmer, B., & Dunn, E. *Antecedents of physical self-esteem in older women*. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, March, 1998.
191. Mihalko, S., Armstrong, W., McAuley, E., & Rosengren, K. *Improved balance and the reduction of risk for falls in older adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, March, 1998.
192. Pena, M. & McAuley, E. *Predictors of affect in older adults during chronic exercise*. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, March, 1998.
193. McAuley, E., Pena, M., Katula, J., Mihalko, S.L., & Talbot, H.M. *Exercise effects on self-efficacy in the elderly*. Paper presented at the annual meeting of the Gerontological Society of America, Cincinnati, OH, November 17, 1997

194. Mihalko, S.L. & McAuley, E. *Strength training in older adults: Effects on strength, balance, and activities of daily living.* Paper presented at the annual meeting of the Gerontological Society of America, Cincinnati, OH, November 17, 1997
195. Pena, M., McAuley, E., Katula, J., Talbot, H.M., & Mihalko, S.L. *Exercise training influences on affective responses to maximal testing.* Paper presented at the annual meeting of the Gerontological Society of America, Cincinnati, OH, November 17, 1997
196. McAuley, E., Katula, J., Pena, M., Mihalko, S. *Physical activity effects on self-esteem in older adults.* Paper presented at the International Conference on Aging and Physical Activity, Austin, TX, September 19, 1997
197. Mihalko, S. & McAuley, E. *Exercise participation and falling: An exercise intervention for older women.* Paper presented at the International Conference on Aging and Physical Activity, Austin, TX, September 19, 1997
198. Ceddia, M.A., Wolters, B.W., Price, E.A., McAuley, E., & Woods, J. *Effects of acute maximal exercise on leukocytosis, leukocyte subsets, and mitogenesis in the elderly.* Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 1997
199. Talbot, H.M., McAuley, E., Woods, J., & Ceddia, M. *Self-efficacy and cortisol response to maximal exercise in older adults.* Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 1997
200. Woods, J.A., Wolters, B.W., Ceddia, M.A., McAuley, E., & Evans, J.K. *Effects of maximal exercise on natural killer (NK) cell activity and responsiveness to interferon- $\gamma$  in young and old.* Paper presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 1997
201. Katula, E., & McAuley, E. *Conscientiousness, self-efficacy, and goal-setting behavior in an acute bout of exercise.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997
202. Lox, C., McAuley, E., Tucker, S. *Physical training effects on acute exercise-induced feeling states in HIV-1-Positive individuals.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997
203. McAuley, E. *Self-efficacy, aging, and physical activity: Illinois Active Aging.* Paper presented in the symposium, A Behavioral scientists in clinical trials of physical activity@ presented jointly at the annual meetings of the American College of Sports Medicine and the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997
204. McAuley, E., Pena, M., Mihalko, S., & Talbot, H-M. *Affective responses to maximal exercise testing, in older adults: Influence of in-task feeling states.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997.
205. Mihalko, S., McAuley, E., & Rosengren, K. *Falling among older adults: Physiological, behavioral, and psychological influences.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997.
206. Rosengren, K.S., Mihalko, S.L., Metcalfe, J.S., McAuley, E., & Wesolowski, L. *Balance and gait speed in active and sedentary older women.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO, May, 1997.
207. Rosengren, K., Mihalko, S., Metcalfe, J., McAuley, E. & Foster, R. *Relations between balance and gait speed in older adults.* Paper presented at the NASGCMA conference in Chicago, IL, April 16, 1997

208. Mihalko, S., McAuley, E., & Bane, S. *Does the environment influence affective responses to acute exercise.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March 17, 1997.
209. Bane, S. & McAuley, E. *The Physical Attractiveness Self-Efficacy Scale: Development and preliminary evaluation.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March 17, 1997.
210. McAuley, E., Mihalko, S., Talbot, H-M., & Katula, J. *Efficacy, optimism, and exercise performance in the elderly.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March 17, 1997.
211. Talbot, H-M., McAuley, E., & Martinez, S. *Manipulating self-efficacy: The impact on feeling states during exercise.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March 17, 1997.
212. Katula, J., Talbot, HM., Mihalko, S., & McAuley, E. *Temporal variations in the influence of causal attributions and perceived success on affective responses in exercising middle-aged adults.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Minett, Ontario, Canada, June 7, 1996.
213. McAuley, E. & Bane, S. *Body image in college females.* Paper presented at the annual meeting of the American College of Sports Medicine, Cincinnati, OH, May 31, 1996
214. Mihalko, S. McAuley, E., & Bane, S. *Exercise effects on anxiety: does the environment matter?* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Minett, Ontario, Canada, June 7, 1996.
215. Rosengren, K.S., McAuley, E., & Mihalko, S. *Gait patterns in older adults; Physical, behavioral, and cognitive influences.* Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Minett, Ontario, Canada, June 7, 1996.
216. Bane, S. & McAuley, E. *Exercise and cognitive-behavioral effects on body image.* Paper presented at the fourth International Congress of Behavioral Medicine, Washington, DC, March 13-16, 1996
217. S. Bane, McAuley, E., Martinez, S., Walsh, P. *Body image in African American and Caucasian college females: A self-presentational perspective.* Paper presented at the fourth International Congress of Behavioral Medicine, Washington, DC, March 13-16, 1996
218. Lox, C.L., McAuley, E., & Tucker, R.S. *Changes in CD4 cell number following exercise in men seropositive for HIV-1.* Paper presented at the fourth International Congress of Behavioral Medicine, Washington, DC, March 13-16, 1996
219. Lox, C.L., McAuley, E., & Tucker, R.S. *Exercise training effects on body composition, muscular strength, and cardiovascular fitness in an HIV-1 population.* Paper presented at the fourth International Congress of Behavioral Medicine, Washington, DC, March 13-16, 1996
220. Mihalko, S., McAuley, E., & Rosengren, K. *Efficacy, exercise, and fear of falling.* Paper presented at the fourth International Congress of Behavioral Medicine, Washington, DC, March 13-16, 1996
221. Rudolph, D.L. & McAuley, E. *Self-efficacy and perceived exertion responses to acute exercise: A reciprocal relationship.* Paper presented at the the annual meeting of the American Alliance for Health, Physical Education, Recreation and Dance, Atlanta, GA, April, 1996
222. Rudolph, D.L. & McAuley, E. *Cortisol and affective responses to acute exercise in cross-country runners and untrained runners.* Paper presented at the annual meeting of the American Alliance for Health, Physical Education, Recreation and Dance, Atlanta, GA, April, 1996
223. Bozoian, S.L., McAuley, E., & Rosengren, K.S. *Self-efficacy, balance and gait in sedentary and exercising older adults.* Paper presented in the symposium "The aging motor system: Cognitions

- and action" at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 18, 1995.
224. Bozoian, S.L., McAuley, E., & Bane, S.M. *Efficacy, aging, and affective responses to acute exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 17, 1995.
  225. Courneya, K.S., & McAuley, E. Reliability and discriminant validity of three measures of social influence. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 17, 1995.
  226. Courneya, K.S. & McAuley, E. *Attributions following structured exercise: A test of Weiner's model*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 16, 1995.
  227. Hong, S. & McAuley, E. *Subjective responses to acute exercise in college females*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 17, 1995.
  228. Kavassanu, M. & McAuley, E. *Exercise and optimism: Are high active individuals more optimistic than low active*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 16, 1995.
  229. Rosengren, K.S., McAuley, E., Bozoian, S., Metcalf, J., Berg, K., O.Malley, A., Edwards, S., & Lim Y. *Gait adjustments in sedentary and exercising older adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June, 16, 1995.
  230. Bane, S.M. & McAuley, E. Reducing social physique anxiety in college females. Paper presented at the annual meeting of the American College of Sports Medicine, Minneapolis, MN, June, 11, 1995.
  231. McAuley, E., Bane, S.M., & Bozoian, S.L. *Exercise and self-esteem in middle-aged adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA, March 23, 1995 [Presidential Citation Paper]
  232. Bane, S.M., & McAuley, E. *Social physique anxiety: Physiological and cognitive determinants*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA, March 23, 1995.
  233. Courneya, K.S. & McAuley, E. *Predicting frequency, intensity, and duration of physical activity*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June 12, 1994.
  234. Lox, C.L., McAuley, E., & Tucker, R.S. *Exercise as an intervention for enhancing subjective well-being in an HIV-1 population*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June 12, 1994.
  235. Rudolph, D.L. & McAuley, E. *Salivary cortisol and affective responses to acute exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June 12, 1994.
  236. Bane, S. & McAuley, E. *Physical attributes, body image, and social physique anxiety in college females: A self-presentational perspective*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 4, 1994.
  237. Bozoian, S.L. & McAuley, E. Strength training effects on subjective well-being and physical function in the elderly. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 4, 1994.

238. McAuley, E., Rudolph, D.L., Lox, C., & Courneya, K.S. *Acute and chronic exercise effects on self-efficacy in older males and females*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 4, 1994.
239. Rudolph, D.L. & McAuley, E. *Self-efficacy and salivary cortisol responses to acute exercise in physically active and sedentary males*. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 4, 1994.
240. McAuley, E., Lox, C., & Rudolph, D.L. *Social physique anxiety, and exercise: Effects of sex and age*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA, April 15, 1994.
241. McAuley, E. *Affective responsivity to exercise: Measurement issues*. Paper presented at the annual meeting of the American Psychological Association, Toronto, Canada, August 19-26, 1993.
242. McAuley, E. & Burman, G. *The Social Physique Anxiety Scale: Construct validity in adolescent females*. Paper presented at the annual meeting of the American Psychological Society, Chicago, IL, June 27-30, 1993.
243. Courneya, K.S., & McAuley, E. *Comparison of long range intentions in the prediction of physical activity participation*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Brainerd, MN, June 3-6, 1993
244. McAuley, E., Rudolph, D., & Lox, C. *Exercise, affect, and appraisals in older adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Brainerd, MN, June 3-6, 1993.
245. Shaffer, S. & McAuley, E., *Attributions and Self-efficacy as predictors of rehabilitative success*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Brainerd, MN, June 3-6, 1993.
246. McAuley, E., Courneya, K.S., Rudolph, D., & Lox, C. *Improving exercise adherence by manipulating self-efficacy*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco. CA, March 10-13, 1993.
247. Oman, R. & McAuley, E. *Intrinsic motivation and exercise behavior*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco. CA, March 10-13, 1993.
248. McAuley, E., Lox, C., Rudolph, D. *Self-efficacy and intrinsic motivation in exercising older adults*. Paper presented at the Annual Scientific meeting of the Gerontological Society of America, Washington, DC, November 24, 1992.
249. McAuley, E., Courneya, K.S., Cramer, B.J., Lox, C., & Rudolph, D. *Changes in affective responsivity following aerobic dance*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), Colorado Springs, CO, October 23, 1992.
250. Courneya, K.S. & McAuley, E. *Scale correspondence in the physical activity domain*. Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, October 2, 1992.
251. Courneya, K.S. & McAuley, E. *Self-efficacy as a moderator of the intention-physical activity relationship*. Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, October 2, 1992.
252. Courneya, K.S. & McAuley, E. *Comparison of short and long-term intentions in the prediction of physical activity participation*. Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, October 2, 1992.

253. Courneya, K.S. & McAuley, E. *Factors affecting the intention-physical activity relationship*. Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, October 2, 1992.
254. Courneya, K.S. & McAuley, E. *Comparison of absolute versus relative value of physical activity in the prediction of attention and behavior*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Pittsburgh, PA, June 11-14, 1992.
255. Boutcher, S., McAuley, E., & Courneya, K.S. *Positive and negative affective response of trained and untrained subjects during and after exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Pittsburgh, PA, June 11-14, 1992.
256. McAuley, E., Shaffer, S., & Burman, G. *Perception of personal and external control: affective responses*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Pittsburgh, PA, June 11-14, 1992.
257. Courneya, K.S. & McAuley, E. *Predicting physical activity from intention: Conceptual and methodological issues*. Paper presented at the 1992 International Conference on Physical Activity, Fitness, and Health, Toronto, Canada, May 10-13, 1992.
258. McAuley, E. & Courneya, K.S. *Exercise-induced affect: Influence of age, efficacy, and appraisal processes*. Paper presented at the 1992 International Conference on Physical Activity, Fitness, and Health, Toronto, Canada, May 10-13, 1992.
259. McAuley, E. *Is "just doing it" enough? Self-efficacy and the maintenance of exercise behavior in older adults*. Paper presented at the annual meeting of the Society for Behavioral Medicine, New York, NY, March 24-28, 1992.
260. McAuley E. & Courneya, K.S. *The exercise induced affect scale (EIAS): Development and preliminary validation*. Paper presented at the annual meeting of the Society for Behavioral Medicine, New York, NY, March 24-28, 1992. (Note: Honored as Citation Abstract).
261. McAuley, E. *Efficacy, attributions, and affective responses to exercise participation*. Paper presented at the Annual Scientific meeting of the Gerontological Society of America, November 24, 1991.
262. Courneya, K.S. & McAuley, E. *Development and preliminary validation of a brief measure of exercise-induced affect*. Paper presented at the annual meeting of the Canadian Society for Psychomotor learning and Sport Psychology, November 3, 1991.
263. McAuley, E. *Social physique anxiety: Theoretical and practical utility in exercise behavior*. Paper presented as part of a symposium on social physique anxiety (Chair, E. Hart) at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), Savannah, GA, October 25, 1991.
264. McAuley, E., Courneya, K.S., & Boutcher, S. *Cognitive appraisal and the generation of affect following treadmill testing*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), Savannah, GA, October 25, 1991.
265. Boutcher, S.H., McAuley E. & Courneya, K.S. *The influence of training status on affective response to submaximal treadmill exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June 14, 1991.
266. McAuley E. & Courneya, K.S. *Affect and appraisal following graded exercise testing*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June 14, 1991.

267. McAuley, E. & Courneya, C. *Physiological and perceptual responses to exercise in middle-aged adults*. Paper presented at the annual meeting of the Society for Behavioral Medicine, Washington D.C., March 20-23, 1991
268. McAuley, E. & Courneya, C. *Efficacy, metabolic, and affective perceptions during exercise*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), San Antonio, TX, September, 1990.
269. McAuley, E., Poag, K.A., Gleason, A., Wraith, S. *Attrition from exercise programs: Attributional and affective perspectives*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), San Antonio, TX, September, 1990.
270. McAuley, E. *Attribution, affect, and self-efficacy: Predicting exercise behavior in aging individuals*. Paper presented at the annual meeting of the American Psychological Society, Dallas, TX, June, 1990.
271. McAuley, E. *Self-efficacy determinants of exercise behavior in middle-aged adults*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Houston, TX, May, 1990.
272. McAuley, E., Duncan, T.E., Wraith, S., & Lettunich, J. *Perceived self-efficacy and exercise performance in sedentary, middle-aged adults*. Paper presented at the annual meeting of the Gerontological Society of America, Minneapolis, MN, November, 1989.
273. McAuley, E. *Opportunities and strategies for federal funding in sport and exercise psychology*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology (Health Psychology Section), Seattle, WA, September, 1989
274. Jacobson L. & McAuley, E. *Self-motivation and self-efficacy as predictors of exercise behavior in adult sedentary women*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Kent, Ohio, June, 1989.
275. McAuley, E., Duncan, T., & Russell, D. *The revised Causal Dimension Scale (CDS-II): Multi-group construct validity*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Kent, Ohio, June, 1989.
276. McAuley, E., Duncan, T., & Wraith, S. *Intrinsic motivation and exercise behavior: A confirmatory factor analysis*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Kent, Ohio, June, 1989
277. Duncan, T.E. & McAuley, E. *Cognition and emotion following sport performance: A causal model*. Paper presented at the annual meeting American Alliance for Health, Physical Education, Dance, and Recreation, Boston, MA, April, 1989.
278. Weiss, M.R., McAuley, E., & Chaumeton, N. *An exploratory analysis of children's attributions for their physical performance and social interactions during a summer sport program*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Kent, Ohio, June, 1989.
279. Weiss, M. R., McAuley, E., Ebbeck, V., & Wiese, D. *Self-esteem and causal attributions for children's physical and social competence in sport*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Knoxville, Tennessee, June 11, 1988.
280. McAuley, E. & Roney, T. *Role of Efficacy cognitions in adherence and intent to exercise*. Paper presented at the annual meeting American Alliance for Health, Physical Education, Dance, and Recreation, Kansas City, MO, April 8, 1988.

281. McAuley, E. & Duncan, T. *The role of causal dimensions, affect, and expectancy in gymnastic performance*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Vancouver, Canada, June 6, 1987.
282. Miller, J.T. & McAuley, E. *The effects of a goal-setting training program on basketball free-throw self-efficacy and performance*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Vancouver, Canada, June 6, 1987.
283. Tammen, V. & McAuley, E. *Perceptions of success: Effects on intrinsic motivation and causality*. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, annual meeting, Vancouver, Canada, June 6, 1987.
284. McAuley, E., Duncan, T., & Tammen, V. *Psychometric properties of the Intrinsic Motivation Scale in a sport setting*. Paper presented at the annual meeting of the Western Psychological Association, Long Beach, CA, April 23, 1987.
285. McAuley, E. & Duncan, T. *Self-efficacy and causal attributions in sport performance: Perceptions from the child's perspective*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, June 1986, Tempe, Arizona.
286. Duncan, T. & McAuley, E. *Self-efficacy and the attribution process in a competitive sport context*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, June 1986, Tempe, Arizona.
287. Miller, J. T. & McAuley, E. *The role of individual and team characteristics in determining fan preference for collegiate vs. professional sport*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity June 1986, Tempe, Arizona.
288. McAuley, E. *Sport Psychology in the eighties*. Paper and Symposium presented at the annual meeting of the American College of Sports Medicine, May, 1986, Indianapolis, Indiana.
289. McAuley, E. *Causal modeling in sport psychology research*. Paper presented as part of a symposium in methodological issues in sport psychology at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Gulfport, Mississippi, May, 1985.
290. McAuley, E., Rejeski, W.J., & Russell, D. *The issue of control in attribution theory: The revised Causal Dimension Scale (CDSII)*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Gulfport, Mississippi, May, 1985.
291. McAuley, E. *Research in sport psychology: Current status and future directions*. Paper presented at the annual meeting of Kansas Alliance for Health, Physical Education, Recreation, & Dance, McPherson, Kansas, November, 1985.
292. Hudash, G. Albright, J., & McAuley, E. *Cross-sectional thigh components: Computerized tomographic assessment*. Paper presented at the annual meeting of the American College of Sports Medicine, San Diego, CA., 1984.
293. Foster, D., Albright, J., & McAuley, E. *Injury surveillance system for intercollegiate athletic teams*. Paper presented at the annual meeting of the American College of Sports Medicine, San Diego, CA., 1984.
294. McAuley, E. & Hudash, G. *Injuries in collegiate gymnastics: A review*. Paper presented at the meeting of the American Orthopedic Society for Sports Medicine, Chicago, Illinois, June, 1984.
295. Albright, J., McAuley, E., & Crowley, E. *Head and neck injuries in college football*. Paper presented at the American Orthopedic Academy, Palm Beach, Florida, July, 1984.

296. Gross, J.B. & McAuley, E. *Causal dimensions and affective reactions to success and failure: Field testing the relationship*. Paper presented at the Olympic Scientific Congress, Eugene, Oregon, July, 1984.
297. McAuley, E. *Causal attributions for perceived success and failure in women's intercollegiate gymnastics*. Paper presented at the Olympic Scientific Congress, Eugene, Oregon, July, 1984.
298. McAuley, E. *Psychological aspects of running and jogging*. Paper presented at the second annual Hawkeye Sports Medicine Symposium, Iowa City, Iowa, December. 1984.
299. McAuley, E. *Microcomputers in sports medicine*. Paper presented at the second annual Hawkeye Sports Medicine Symposium, Iowa City, Iowa, December. 1984.
300. McAuley, E. & Gross, J.B. *The emotional consequences of success and failure: An attributional analysis*. Paper presented at the Australian Sport Psychology Conference, Canberra, Australia, February, 1983.
301. McAuley, E. *Modeling and self-efficacy: An examination of Bandura's model of behavioral change*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, East Lansing, MI, June, 1983.
302. McAuley, E. & Gill, D. *Task-specific vs. general measures of self-efficacy*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, East Lansing, MI, June, 1983.
303. McAuley, E. *Sport Psychology: The role of the health care practitioner*. Paper presented at the Hawkeye Sports Medicine Symposium, University of Iowa, December, 1983.
304. McAuley, E. & Gross, J.B. *The effect of win/loss on causal attributions using the Causal Dimension Scale*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, College Park, MD, June, 1982.
305. McAuley, E. & Russell, D. *The effects of win/loss on causal attributions and affect: Self-coding of self-perception*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, College Park MD, June, 1982.
306. McAuley, E. *Current research in the area of applied sport psychology*. Paper presented at the Iowa State Physical Education Conference, Iowa AAHPERD, Cedar Falls, IA, October 1982.
307. McAuley, E. *Actor-observer attributions in college basketball*. Paper presented at State Physical Education Conference, Iowa AAHPERD, Cedar Rapids, Iowa, 1981.
308. McAuley, E. *Cognitions and Aggression*. Paper presented at the University of Virginia Sport Psychology Conference, Charlottesville, VA., June, 1980.

#### **F.4 INVITED PRESENTATIONS**

1. *Physical Activity, Aging, and Well-Being*. Keynote address, Symposium on Yoga Research, Kripalu Center for Yoga and Health, Stockbridge, MA. September, 2015.
2. *Physical Activity, Aging, and Well-Being*. Keynote address, The 8<sup>th</sup> Annual SELF Biennial International Conference, Kiel, Germany, August, 2015.
3. *Physical Activity and Well-Being in Breast Cancer Survivors: Behavior, Cognition, and Brain Health*. Invited talk to the Carle Foundation Hospital Cancer Center Research Seminar. March, 2015.
4. *The Intersection of Cancer and Aging: Implications for Physical Activity and Well-Being*. Invited address at the Biennial Cancer Survivorship Conference, Atlanta, GA, June, 2014.
5. *Physical Activity, Aging and Well-being*. Keynote address, Eastern Canada Society for Sport and Exercise Psychology. Toronto, Canada, March, 2014
6. *Physical Activity, Cognition, and Function in Older Adults*. Center for Lifelong Learning, Jacobs University, Bremen, Germany, September, 2013
7. *Physical activity, aging, and well-being: The role of personal agency*. 2012 Distinguished Scholar Lecture, Jacobs Center for Life Long Learning and Institutional Development, Jacobs University,

- Bremen, Germany. September 19, 2012.
8. *Physical activity, aging, and well-being: The role of personal agency*. Inaugural Address, Visiting Scholars Lecture Series, Center for Behavior and Health, Johns Hopkins University, School of Medicine, Baltimore, MD, March 27, 2012.
  9. *Aging and Well-being: Physical Activity and Personal Agency*. The 2010 Distinguished Lecture, Institute for Health Research and Policy, University of Illinois-Chicago, April 21, 2010
  10. *Promoting and enhancing physical activity in older adults*. Keynote address at the University of Kansas 10<sup>th</sup> Annual Conference on the Prevention and Treatment of Overweight and Obese Individuals, Kansas City, April 2008.
  11. *Physical activity and aging: Possible pathways to quality of life*. Invited master lecture, Society of Behavioral Medicine, San Diego, CA, March, 2008
  12. *The integration of health, aging, and disability: A unique opportunity for the University of Illinois*. Invited lecture at the inaugural symposium of the Center on Health, Aging, and Disability, Urbana, IL, March, 2008
  13. *Physical activity, well-being, and function in older adults*. Keynote address British Association for Sport and Exercise Sciences, Bath, England, September, 2007
  14. *Physical Activity, Aging, Well-Being, and Function*. Invited lecture to the faculty of the Institute for Research in Extramural Medicine (EMGO), VU Medical Center, Vrije University, Amsterdam, The Netherlands, April 5, 2007.
  15. *Physical Activity and Quality of Life Across the Lifespan*. Keynote lecture, Dutch Congress on Sport and Exercise for Older People, Elsevier Health Congress, Congrescentrum de Reehorst, Ede, the Netherlands, March 27, 2007.
  16. *Physical Activity Research in Aging at the University of Illinois*. Invited lecture to the faculty of the Department of Public and Social Health, Medical Center, Vrije University, Amsterdam, The Netherlands, March 20, 2007.
  15. *Aging, Fitness, and Neurocognitive Function*. (With Arthur Kramer, Neal Cohen, and William Greenough). Invited presentation in Critical Research Initiatives: A campus-wide symposium. Sponsored by the Vice-Chancellor for Research, University of Illinois (January 22, 2007).
  16. *Balancing Research and Teaching*. Invited presentation as part of UIUC College of Applied Health Sciences Teaching Academy (August 2005, 2006)
  17. *Aging, and quality of life: Is there a role for physical activity?* Keynote address, North American Society for the Psychology of Sport and Physical Activity, Denver, CO, June 2, 2006.
  18. *Physical activity and quality of life*. Invited lecture, 1<sup>st</sup> International Congress of Physical Activity and Public Health, Centers for Disease Control and Prevention, Atlanta, GA, April 20, 2006.
  19. *Walking as physical activity in older adults: Determinants and consequences*. Invited lecture, Walking for Health Conference, University of Illinois, Urbana, IL, October 14, 2005.
  20. *Physical activity and aging: The role of self-regulatory processes*. President's Lecture, 2005 Annual Meeting of the American College of Sports Medicine, Nashville, TN, June 2, 2005.
  21. *Physical activity and aging: Adherence, function, and quality of life*. Invited keynote address, "Symposium on Research on Exercise and Healthy Aging", The University of Virginia Institute on Aging, Charlottesville, VA, April 26, 2005.
  22. *Physical activity, aging, and quality of life: Cognitive and brain outcomes*. Invited lecture to the President and Board of Trustees of the University of Illinois, Urbana, IL, March 10, 2005
  23. *Physical activity and aging: Psychological outcomes and underlying processes*. The Dorothy Harris Memorial Lecture, Pennsylvania State University, State College, PA, February 10, 2005.

24. *Physical activity and aging: Psychological outcomes and underlying processes.* Keynote address presented at the annual meeting of the Southeastern American College of Sports Medicine, Charlotte, NC, January, 28, 2005
25. *Physical activity, self-efficacy, and cognitive function.* Invited address presented at the “Advanced Research Workshop on Physical activity, Aging, and Cognition,” Austin Texas, June 20-22, 2003.
26. *Promoting Physical Activity among Older Adults: From Social Ecology to the Individual.* Invited lecture at the Annual Cooper Institute Conference, “Physical Activity: Preventing Physical Disability in Older Adults,” Cooper Institute, Dallas, TX, October 17-19, 2002
27. *Physical activity, aging, and control.* Invited address sponsored by the Alberta Heritage Foundation for Medical Research, University of Alberta, Edmonton, Alberta, Canada, April 22, 2002
28. *Influencing physical activity in older adults.* Invited colloquium, Illinois Initiative on Aging, University of Illinois, February 25, 2002.
29. *Influencing and changing physical activity behavior: Interventions and determinants.* Keynote address at Whistler 2000: Communicating Physical Activity and Health Messages, consensus conference sponsored by Centers for Disease Control and Prevention and Health Canada, Whistler, British Columbia, Canada, Dec 10, 2001.
30. *Physical activity and aging: Physical, cognitive, and psychosocial outcomes.* Invited colloquium, Departments of Exercise Science and Psychology, Arizona State University, November 5, 2001.
31. *Physical activity and successful aging.* Invited paper at the Eagle Creek Resort Colloquium on Physical Activity and Aging, Eagle Creek, IL, June, 2001
32. *Exercise, aging, and psychological function.* Keynote address, 10<sup>th</sup> World Congress of Sport Psychology, Skiathos, Greece, May 30, 2001
33. *Physical activity and aging: Outcomes and determinants.* Invited lecture, American College of Sports Medicine Specialty Conference on Aging: Physical Activity Programming for the Older Adult, Indianapolis, IN, Oct 20, 2000.
34. *Physical activity in aging populations: Problems and Issues.* Invited address, National Nutrition Summit, Washington DC, May 30, 2000
35. *Physical activity and psychosocial outcomes.* Invited colloquium, Department of Psychology, University of Illinois, April, 1999.
36. *Physical activity, aging, and control beliefs.* Invited colloquium, Oregon Research Institute, Eugene, Oregon, November 20, 1996
37. *Physical activity interventions for older adults: Methodological and practical considerations.* Invited colloquium, Oregon Research Institute, Eugene, Oregon, November 21, 1996
38. *Physical activity, aging, and control beliefs.* Invited colloquium, Department of Health and Sport Science, Wake Forest University, Winston Salem, N. Carolina, October 24, 1996
39. *Physical activity, aging, and control beliefs.* Invited colloquium, Department of Exercise Science, University of North Carolina, Greensboro, N. Carolina, October 25, 1996
40. *Exercise compliance and adherence: Health promotion implications.* Invited colloquium, Health Promotion seminar series, Carle Clinics, Urbana, Champaign, Nov 9, 1995
41. *Self-efficacy, physical functioning, and well-being.* Keynote address at the Georgia Consortium on the Psychology of Aging, Emory University School of Medicine, Atlanta, GA, March 11, 1994.
42. *Exercise adherence in aging populations: Social cognitive influences.* Invited colloquium, Department of Exercise and Sport Science, Penn State University, University Park, PA, February 23, 1994.
43. *Social cognitive antecedents and consequences of exercise participation in older adults.* Invited address, University of Colorado, Boulder, CO, December 3, 1993.

44. *Sport and Exercise Psychology: Career Opportunities and Training*. Invited presentation to University of Illinois chapter of Psi Chi, Psychology Honor Society, Champaign, IL, November 16, 1993.
45. *Physical activity, aging, and psychological well-being*. Invited address presented at the Stairmaster Conference on Aging and Physical Activity, Virginia Beach, VA, October 22, 1993.
46. *Physical activity, exercise, and affect: Conceptual, methodological, and measurement issues*. Invited tutorial lecture presented at the annual meeting of the American College of Sports Medicine, Seattle, WA, June 2, 1993.
47. *Exercise, aging, and self-efficacy*. Colloquium presented to the Division of Human Development and Family Studies, College of Agriculture, University of Illinois, November, 13, 1992.
48. *Attribution, efficacy, and affective processes in exercise and physical activity*. Invited lecture presented at a symposium on "Self-referent thought in exercise and physical activity", joint meeting of the Canadian Association of Sport Sciences and the Canadian Society for Psychomotor Learning and Sport Psychology, Saskatoon, Canada, October 2, 1992.
49. *Physical activity and psychosocial outcomes*. Invited address presented at the Consensus Symposium on Physical activity, fitness, and health, Toronto, Canada, March 8, 1992.
50. *Enhancing psychological health through physical activity*. Keynote address presented at the International Conference on Physical Activity, Fitness, and Health, Toronto, Canada, March 12, 1992.
51. *Personal agency, exercise, and aging*. Invited lecture, sponsored by USPHS Administration on Aging and Illinois State University Center on Aging, Illinois State University, Normal, IL, November 14, 1991.
52. *Exercise as a health behavior: Psychological consequences*. Invited lecture in Health Psychology (Psych 394), Department of Psychology, University of Illinois, November 7, 1991
53. *Self-referent processes in exercise and human movement*. Invited address, Early Career Distinguished Scholar Award, North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA, June 14, 1991.
54. *Exercise and Health: Psychosocial Considerations*. Invited lecture, Department of Psychology, University of Illinois, April 18, 1991.
55. *Predicting exercise behavior: Psychosocial, behavioral, and physiological determinants*. Invited lecture, Department of Physical Education, Purdue University, West Lafayette, IN, March 27, 1991.
56. *Social cognitive determinants of exercise participation in sedentary middle-aged adults*. Invited address, Departments of Exercise Science and Psychology, Concordia University, Montreal, Canada, March 7, 1991.
57. *Exercise, health, and psychology*. Invited lecture presented to the Champaign-Urbana Community Health Care Providers, Champaign, IL, December, 1989.
58. *Understanding exercise behavior: A self-efficacy perspective*. Invited lecture presented at the Symposium on Understanding Motivation in Sport and Exercise, University of Illinois, November, 1989.
59. *Self-efficacy and exercise in primary and secondary prevention*. Invited lecture presented to the Department of Exercise and Sport Science, Oregon State University, November, 1989.
60. *Self-referent thought in exercise and physical activity*. Invited lecture presented to Department of Kinesiology, University of Illinois, February 13, 1989.
61. *Self-referent thought in exercise and physical activity*. Invited lecture presented to Department of Physical Education and Exercise Science, Arizona State University, February 27, 1989.
62. *Wellness in the workplace: Current trends*. Invited lecture presented at the McKenzie-Willamette

- Hospital Second Annual Healthcare Symposium, Eugene, Oregon, October 20, 1988.
63. *Self-efficacy and health behavior*. Invited lecturer to the Dept. of School and Community Health, University of Oregon, Eugene, OR, March 1988.

## **G. PROFESSIONAL SERVICE AND ACTIVITY, HONORS**

### ***G.1. Review and Editorial Duties***

- Associate Editor: *Annals of Behavioral Medicine*, 2006 - 2010  
*Journal of Aging and Physical Activity*, 2001-2003  
*Journal of Sport and Exercise Psychology*, 1990-95
- Editorial Board: *Annals of Behavioral Medicine* 2015 -  
*Psychology and Aging*, 2003-  
*Journal of Gerontology: Psychological Sciences*, 2006-  
*European Journal of Sport Sciences*, 2011 –  
*Journal of Behavioral Medicine* 2012 –  
*Frontiers in Human Neuroscience* 2013 -  
*Journal of Behavioral Medicine*, 1994-2005  
*Health Psychology*, 2002 - 2004  
*Journal of Aging and Physical Activity*, 1992-2001  
*Journal of Sport Psychology*, 1987-90  
*The Sport Psychologist*, 1987-91  
*Journal of Exercise and Sport Psychology*, 1995 - 2001
- Ad-Hoc Reviewer: *Evaluation and Program Planning; Journal of Personality and Social Psychology;*  
*Personality and Social Psychology Bulletin; Perspectives on Psychological*  
*Science; Basic and Applied Social Psychology; European Journal of Personality;*  
*Journal of Research in Personality; Journal of Applied Social Psychology; Journal*  
*of Applied Biobehavioral Research; Journal of Personality and Social Behavior;*  
*Cognition and Emotion; Social Science and Medicine; Preventive Medicine;*  
*American Journal of Lifestyle Medicine; The Lancet; Annals of Behavioral*  
*Medicine; Psychology and Health; Journal of Health Psychology; Health*  
*Psychology; Journal of Behavioral Medicine; American Journal of Health*  
*Behavior; Journal of Clinical Epidemiology; International Journal of Aging and*  
*Human Development; Journal of Alternative and Complementary Medicine;*  
*Journal of the American Geriatrics Society; Journal of Applied Gerontology;*  
*Psychology and Aging; Journal of Gerontology: Psychological Sciences; Journal*  
*of Gerontology: Medical Sciences; Neurobiology of Aging; Experimental Aging*  
*Research; Research on Aging; Patient Education and Counseling; Diabetes Care;*  
*Avante; Research Quarterly for Exercise and Sport; Medicine and Science in Sport*  
*and Exercise; Journal of physical Activity and Health; Age and Ageing; Journal of*  
*Sport and Exercise Psychology; Exercise and Sport Science Reviews; Journal of*  
*Sport Sciences; Journal of Women in Sport and Physical Activity; Australian*  
*Journal of Sports Medicine; International Journal of Sports Medicine; Annals of*  
*Neurology; Neuroscience and Biobehavioral Reviews; Psycho-Oncology; Annals of*  
*Medicine; Cancer; JAMA-Neurology*

## ***G.2. Professional Committees Served***

European Respiratory Society Task Force on Physical Activity in COPD 2012-13  
Society of Behavioral Medicine Nominations Committee, 2009-2010  
Society of Behavioral Medicine Physical Activity Adherence Guidelines Working Group, 2008 – 2009  
The Healthy Brain Initiative: A Public Health Roadmap to Maintaining Cognitive Health. Centers for Disease Control and Prevention and the Alzheimer's Association, 2006  
American College of Sports Medicine, Strategic Health Initiatives Committee on Aging, 2002-2005  
American College of Sports Medicine, Strategic Health Initiatives Committee on Behavioral Strategies for Enhancing Physical Activity, 2002-2005  
Program Committee, Physical Activity in Older Adults Effects on Physical Function / Disability Conference, Cooper Institute, Dallas, TX, 2001-2002.  
Advisory Committee, Roybal Center for Research in Applied Gerontology, School of Public Health, University of Illinois at Chicago, 1998 - 2000  
Scientific and Program Committee, Fourth International Congress on Physical Activity, Aging, and Sport, 1996-1999  
Ad-Hoc Committee, Early Career Distinguished Scholar Award, North American Society for the Psychology of Sport and Physical Activity, 1997-98  
Secretary-Treasurer, Division 47, American Psychological Association, 1993-95  
Ad-Hoc Fellows Committee, North American Society for the Psychology of Sport and Physical Activity, 1991-92  
Health Psychology Committee, Association for the Advancement of Applied Sport Psychology, 1989-92.  
Program Committee, Division 47, American Psychological Association, 1990-91  
Nominations Committee, Division 47, American Psychological Association, 1990-91  
Sport Psychology program committee (Chair), North American Society for the Psychology of Sport and Physical Activity Annual Meeting, 1986-87.

## **Grant Reviewer:**

### Federal

National Institutes of Health, Special Emphasis Panel (Co-Chair), ZRG1 RBHB W( 02). March, 2015  
National Institutes of Health, Special Emphasis Panel (Co-Chair), ZRG1 RBHB W( 02). November, 2014  
National Institutes of Health, Special Emphasis Panel ZRG1 F16-L (20), November, 2013.  
National Institutes of Health Director's Early Independence Award ZRG1 BBBP-E (53)R (March 2012)  
National Institutes of Health Director's Early Independence Award ZRG1 BBBP-E (March 2011)  
National Institutes of Health, Special Emphasis Panel ZRG1 PRDP-L (02) S: June 2011  
National Institutes of Health (Member) Psychosocial Risk and Disease Prevention Study Section (2006-2011; Chair,2009-2011)  
National Institutes of Health, Special Emphasis Panel ZRG1 RPHB-L (95) S: Chronic Disease Prevention: ARRA, June 2009  
National Institutes of Health, Risk, Prevention, and Health Behavior IRG (RPHB-2 Study Section October 2005)

National Institutes of Health, Biobehavioral and Behavioral Processes (ZRG1 BBBP-G (21)) Study Section, March, 2004  
National Institutes of Health, Adult Psychopathology and Disorders of Aging Study Section (APDA), November, 2004.  
National Institutes of Health, Risk, Prevention, and Health Behavior IRG (RPHB-2 Study Section October 2005)  
Biobehavioral and Behavioral Processes IRG -Study Section 2 (2002)  
National Institute on Aging, Special Emphasis Panel, ZAG1 ZIJ-I (J2), October, 2000  
National Heart, Lung and Blood Institute (Ad-hoc Member) Clinical Trials Study Section 1998  
National Institutes of Health (Ad-hoc Member) Community Prevention and Control Study Section 1997

### Non-Federal

University of Oregon Summer Research Awards 1987-89  
Canadian Fitness and Lifestyle Research Institute 1990-  
University of Illinois Research Board 1992 – present  
University of Illinois Critical Research Initiatives Board 1995-97  
University of Manitoba, Canada Health, Leisure, and Human Performance Research Institute 1998  
The Wellcome Trust, United Kingdom, June 2000  
Health Research Board of Ireland 2001  
Michael Smith Foundation for Health Research, Canada, March 2003  
National Academy of Sciences Twinning Program, October, 2003  
Canadian Institutes for Health Research, November, 2004  
National Multiple Sclerosis Society 2008  
Canadian Multiple Sclerosis Foundation 2007

### **G.3. Honors and Awards**

Distinguished Research Mentor Award, Society of Behavioral Medicine, April 2014.  
Visiting Scientist, Jacobs Center for Life Long Learning, Jacobs University, Bremen, Germany, 2013  
Outstanding Career Achievement Award in the Behavioral and Social Sciences, University of Illinois, 2013  
Distinguished Scholar, Jacobs Center for Life Long Learning, Jacobs University, Bremen, Germany, 2012  
Appointed Member of University of Illinois Cancer Center, 2012  
Distinguished Scholar, Center for Health Behavior, Johns Hopkins University 2011-2012  
Distinguished Scholar, Institute for Health Research and Policy, University of Illinois-Chicago 2010-2011  
Appointed Chair, Psychosocial Risk and Disease Prevention Study Section, National Institutes of Health, 2009.  
Named the Shahid and Ann Carlson Khan Endowed Professor in Applied Health Science, September, 2007  
Campus Award for Excellence in Guiding Undergraduate Research, April, 2007  
Named as an Outstanding Educator, *Phi Kappa Psi*, February, 2007  
Appointed Associate Editor, *Annals of Behavioral Medicine*, July 2006  
Appointed to NIH standing committee, Psychosocial Risk and Disease Prevention study section, July, 2006  
Elected to Fellowship Status, Gerontological Society of America, June, 2005  
Elected to Fellowship Status, Society of Behavioral Medicine, March, 2005  
College of Applied Life Studies Excellence in Undergraduate Research Supervision Award, UIUC, April 2005, 2006  
National Mortar Board Honor Society Award for Outstanding University Teaching, University of Illinois, December, 2003  
University of Illinois Campus Award for Excellence in Undergraduate Teaching, UIUC, April 2003  
College of Applied Life Studies Excellence in Undergraduate Teaching Award, UIUC, April 2003

College of Applied Life Studies Excellence in Undergraduate Teaching Award, UIUC, April 2002  
Appointed to faculty of the Beckman Institute for Advanced Science and Technology, University of Illinois. Member of the Human Perception and Performance Group in the Human Computer Intelligent Interaction Research Group, October, 2000.

Recipient of the first Senior Scholar Award by North American Society for the Psychology of Sport and Physical Activity, June 1999

Elected Member of the American Academy of Kinesiology, May, 1998

Outstanding Undergraduate Teaching Award, Department of Kinesiology, April, 1998

Appointed to Scientific and Program Committee, Fourth International Congress on Physical Activity, Aging, and Sports (to be held in 1999), June, 1996

Appointed Affiliate of the Beckman Institute for Advance Science and Technology, Human Performance and Perception Group, Sept, 1995

King J. McCrystal Distinguished Scholar Award, College of Applied Life Studies, University of Illinois, 1994.

Arnold O. Beckman Research Award, 1994.

Named Outstanding Staff Member by University of Illinois Panhellenic Scholarship Council for devotion to teaching, 1994, 1996.

Australian Sport and Exercise Psychology Scholar Award, 1994 (Declined). I was the first recipient of this annual award for scholars demonstrating significant contributions to the field.

University Scholar, University of Illinois, October 1993-1996. (\$54,000)

Invited as delegate to the International Consensus Symposium on Fitness, Health, and Physical Activity, Toronto, Canada, May 1992. Approximately, 70 delegates worldwide invited.

Chancellor's List of Excellent Teachers, University of Illinois, Every semester since 1991

Early Career Distinguished Scholar Award for outstanding achievement in early stage of scientific career, North American Society for the Psychology of Sport and Physical Activity, June, 1990.

Recipient of National Institute on Aging FIRST Award (formerly New Investigator Award), July, 1988.

National Mortar Board Honor Society Award for Outstanding University Teaching, University of Oregon, October, 1987.

Outstanding graduate student award, University of Iowa, 1982.

### ***G.3. Association Memberships***

American Psycho-Social Oncology Society

Society of Behavioral Medicine

Gerontological Society of America

International Society for Behavioral Nutrition and Physical Activity

European Network for Action on Ageing and Physical Activity

**H. References**

Confidential letters of reference may be obtained from the following individuals:

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