

JEREMY ADAM STEEVES, PhD, MPH

Assistant Professor of Exercise Science
Division of Education
Maryville College
Fayerweather Hall Room 218C
Tel: (865) 981-8105
E-mail: jeremy.steeves@maryvillecollege.edu

EDUCATION

- 2011-2012 **Master of Public Health**
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Concentration: **Epidemiology and Biostatistics**
Capstone: *Relation between Physical Activity and Sex Steroid Hormone Levels in US Men: Results from NHANES 1999-2004*
- 2008-2011 **Doctorate of Philosophy**
University of Tennessee, Department of Kinesiology, Recreation, and Sport Studies, Knoxville, TN
Concentration: **Exercise Physiology**
Dissertation: *TV Commercial Stepping: Can America's Top Sedentary Activity be Made More Active: Physical Activity and Leisure-time Study (PALS)*
- 2006-2008 **Master of Science**
University of Tennessee, Department of Exercise, Sport, and Leisure Studies, Knoxville, TN
Concentration: **Biomechanics**
Thesis: *Relationship between Eccentric Knee Strength and Impact Force Attenuation in Drop Landing*
- 2001-2005 **Bachelor of Science**
St. Francis Xavier University, Department of Human Kinetics, Antigonish, NS
Concentration: **Human Kinetics**

SIGNIFICANT CONTINUING EDUCATION

- 2016 **Fellow.** Physical Activity & Public Health (PAPH) Practitioner's Course on Community Interventions. Sponsored by the Centers for Disease Control and Prevention and the University of South Carolina. Columbia, SC. September 15-21, 2016.
- 2014 **Postdoctoral Fellowship.** Cancer Prevention Fellowship Program, Laboratory of Epidemiology and Population Science. National Institute on Aging, Bethesda, MD

2012-2013 **Postdoctoral Fellowship.** Cancer Prevention Fellowship Program, Division of Cancer Prevention. National Cancer Institute, Bethesda, MD

PROFESSIONAL EXPERIENCE

- 2016-present **Assistant Professor**
Division of Education
Maryville College, Maryville, TN
- 2015-2016 **Visiting Instructor of Exercise Science**
Division of Education
Maryville College, Maryville, TN
- 2014-2015 **Assistant Professor**
Department of Kinesiology
University of Wisconsin-Milwaukee, Milwaukee, WI
- 2014 **Instructor**
Medicine Department
Foundation for Advanced Education in the Sciences Graduate School
National Institute of Health, Bethesda, MD
- 2014 **Instructor**
Science Department
Anne Arundel Community College, Arnold, MD
- 2011-2012 **Research Assistant for Analytical Support**
Johns Hopkins Center to Reduce Cancer Disparities
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2009-2011 **Graduate Research Assistant**
Department of Kinesiology, Recreation, and Sport Studies
University of Tennessee, Knoxville, TN
- 2008-2009 **Graduate Assistant specializing in Supplemental Instruction**
Student Success Center
University of Tennessee, Knoxville, TN
- 2007 **Professional Athlete**
Edmonton Eskimos Football Club
Canadian Football League, Edmonton, AB, Canada
- 2006-2007 **Mentor and Tutor**
Thornton Athletics Student Life Center
University of Tennessee, Knoxville, TN

2006 **High School Teacher**
 Moncton High School
 Moncton, NB, Canada

TEACHING EXPERIENCE

- 12/16 Guest Lecturer, Maryville College -Staff Development Day- Maryville, TN
 Role: Invited presentation “Wellness and the Work Place”
(enrollment ~80 staff members)
- 08/16-12/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
First Year Seminar: C’Mon Get Happy, FYS 110 (enrollment 18 students)
- 08/16-12/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Measurement and Evaluation in Physical Education, PHR 341 (enrollment 24 students)
- 08/16-12/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Physiology of Exercise, PHR 345 (enrollment 24 students)
- 01/16-05/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Principles of Human Nutrition, PHR 219 (enrollment 25 students)
- 01/16-05/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Community Health, PHR 336 (enrollment 7 students)
- 01/16-05/16 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Human Health and Wellness, PHR 101 (enrollment 23 students)
- 12/2/15 Guest Lecturer, Maryville College –Division of Education- Maryville, TN
 Instructor: Dr. Traci Haydu, Bruce Guillaume
 Role: Invited presentation “C’Mon Get Happy: Strategies for Increasing Activity, Happiness, and Health.”
First-Year Seminar: C’Mon Get Happy, FYS 110 (enrollment 29 students)
- 11/13/15 Guest Lecturer, Maryville College –Division of Education- Maryville, TN
 Instructor: Professor Jan Taylor
 Role: Invited presentation “The Benefits of Yoga: An Athlete’s Perspective.”
First-Year Seminar: Why YOGA, FYS 110 (enrollment 17 students)

- 11/11/15 Guest Lecturer, University of Tennessee – Department of Kinesiology, Recreation, and Sports Studies – Knoxville, TN
 Instructor: Dr. David Bassett
 Role: Invited presentation “Active Television Viewing”
Graduate Seminar in Exercise and Applied Physiology, Kinesiology 661 (enrollment 12 students)
- 11/2/15 Guest Lecturer, Maryville College – Division of Education - Maryville, TN
 Instructor: Dr. Mardi Craig
 Role: Invited presentation “From Measurement to Motivation: Making TV Viewing an Active Sedentary Activity, and Other Strategies to Increase Physical Activity”
Community of Scholars (enrollment 8 faculty)
- 08/15-12/15 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Principles of Human Nutrition, PHR 219 (enrollment 24 students)
- 08/15-12/15 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Measurement and Evaluation in Physical Education, PHR 341 (enrollment 28 students)
- 08/15-12/15 Instructor, Maryville College- Division of Education- Maryville, TN
 Role: Course design, instruction, and assessment
Physiology of Exercise, PHR 345 (enrollment 24 students)
- 06/15-07/15 Instructor, University of Wisconsin-Milwaukee- Department of Kinesiology- Milwaukee, WI
 Role: Course design, instruction, and assessment, administered fully online class
Health Aspects of Exercise and Nutrition, KIN 230 (enrollment 30 students)
- 04/17/15 Guest Lecturer, University of Wisconsin-Milwaukee- Department of Kinesiology- Milwaukee, WI
 Instructor: Professor Susan Kundrat
 Role: Invited presentation “Changing the Channel on America’s Top Sedentary Activity, and other Strategies to Increase Physical Activity”
Second Annual UWM Nutritional Sciences Symposium (enrollment 30 students and faculty)
- 01/15-05/15 Instructor, University of Wisconsin-Milwaukee- Department of Kinesiology- Milwaukee, WI
 Role: Course design, instruction, and assessment
Exercise Testing for Fitness Assessment and Exercise Prescription, KIN 430 (enrollment 22 students)

- 09/14-12/14 Instructor, University of Wisconsin-Milwaukee- Department of Kinesiology- Milwaukee, WI
Role: Course design, instruction, and assessment
Advanced Exercise Physiology, KIN 530 (enrollment 18 students)
- 01/14-05/14 Instructor, Foundation for Advanced Education in the Sciences Graduate School- Medicine Department – National Institute of Health, Bethesda, MD
Role: Course design, instruction, and assessment
Physical Activity in Health and Disease, MEDI 308 (enrollment 5 students)
- 01/14-04/14 Instructor, Anne Arundel Community College- Science Department - Arnold, MD
Role: Course design, instruction, and assessment
Weight Management: Utilizing Healthy Approaches to Diet and Physical Activity, BIO/HEA 137 (enrollment 8 students)
- 10/23/13 Guest Lecturer, University of Maryland – Department of Nutrition and Food Science – College Park, MD
Instructor: Dr. Margaret Udahogora
Role: Invited presentation “Assessment of Physical Activity”
Methods of Nutritional Assessment, Nutrition and Food Science 380 (enrollment 40 students)
- 07/13-07/13 Principles and Practice of Cancer Prevention and Control Course Faculty, NCI Summer Curriculum in Cancer Prevention - Bethesda, MD
Role: Developed content, and facilitated group participation during three case studies: Primary Prevention, Screening and Treatment, and Survivorship
(enrollment 90 participants)
- 09/26/12 Guest Lecturer, University of Maryland – Department of Nutrition and Food Science – College Park, MD
Instructor: Dr. Margaret Udahogora
Role: Invited presentation “Assessment of Physical Activity”
Methods of Nutritional Assessment, Nutrition and Food Science 380 (enrollment 35 students)
- 03/24/11 Guest Lecturer, University of Tennessee – Department of Kinesiology, Recreation, and Sports Studies – Knoxville, TN
Instructor: Dr. David Bassett
Role: Invited presentation “Treatment of Obesity: Physical Activity Interventions”
Obesity: Etiology, Assessment, Treatment, and Prevention, Exercise Science 623 (enrollment 30 students)
- 10/10-06/11 Graduate Student Mentor, University of Tennessee – Department of Kinesiology, Recreation, and Sports Studies – Knoxville, TN
Supervisor: Dr. Dixie Thompson

Role: Trained and supervised Masters level exercise science students in a variety of intervention –based research study skills (data collection, data entry, data analysis, and intervention development, planning, and delivery) (*4 students*)

- 08/10-04/11 Graduate Exercise Physiology Laboratory Instructor, University of Tennessee – Department of Kinesiology, Recreation, and Sports Studies - Knoxville, TN
Instructor: Dr. Dixie Thompson
Role: Delivered lecture and laboratory based instruction
Graduate Exercise Physiology, Exercise Science 533 (enrollment 15 students)
- 06/10-06/10 Summer Institute Faculty, University of Tennessee – UT Project Grad - Knoxville, TN
Supervisor: Dr. Fritz Polite
Role: Developed and delivered lecture and laboratory based instruction to economically and academically disadvantaged high school (grade 11) students from two inner-city Knoxville schools
Exercise Science 101 (enrollment 12 students)
- 08/06-07/08 Graduate Teaching Assistant, University of Tennessee – Physical Education Activity Program - Knoxville, TN
Supervisor: Emile Catignani
Role: Course design, instruction, and assessment
Badminton (enrollment 31 students), Bowling (enrollment 26 students), Folk Dance (enrollment 26 students), Ballroom Dance (enrollment 43 students) Physical Fitness: Walking (enrollment 24 students), Yoga and Relaxation (enrollment 28 students), Skiing (average enrollment 50 students), Snowboarding (average enrollment 34 students), Weight Training (average enrollment 26 students)
- 02/06-06/06 High School Teacher, Moncton High School – Moncton, NB, Canada
Supervisor: Scott Steeves
Role: Course design, instruction, and assessment
Grade 10 Science (Biology and Chemistry) (enrollment 28 students), Grade 11 Modern History (enrollment 20 students)

PUBLICATIONS

Peer Reviewed Publications

1. Sasaki, J.E., Howe, C., John, D., Hickey, A., **Steeves, J.A.**, Conger, S., Lyden, K., Keadle, S., Bassett, D. R., Freedson, P. Energy Expenditure of 70 Activities in Children and Adolescents. *Journal of Physical Activity and Health*. 2016 May 9.
2. **Steeves, J.A.**, Fitzhugh, E.C., Bradwin, G., McGlynn, K.A., Platz, E.A., Joshi, C.E. Cross-sectional association between physical activity and serum testosterone levels in US

- men: Results from NHANES 1999-2004. *Andrology*. 2016 Mar 16. doi: 10.1111/andr.12169. [Epub ahead of print].
3. Fishman, E.I., **Steeves, J.A.**, Zippunikov, V., Koster, A., Berrigan, D., Harris, T.A., Murphy, R.A. Association between Objectively Measured Physical Activity and Mortality in NHANES. *Medicine & Science in Sports & Exercise*. 2016 Feb 5. [Epub ahead of print].
 4. **Steeves, J.A.** Bassett, D.R., Fitzhugh, E.C., Raynor, A., Cho, C., Thompson, D.L., Physical Activity with and without TV viewing: Effects on Enjoyment of Physical Activity and TV, Exercise Self-Efficacy, and Barriers to Being Active in Overweight Adults. *Journal of Physical Activity and Health*. 13(4):385-391, 2016.
 5. Murphy, R.A., Hagaman, A.K., Reinders, I., **Steeves, J.A.**, Newman, A.B., Rubin, S., Kritchevsky, S.B., Yaffe, K., Ayonayon, H., Simonsick, E., Penninx, B., Harris, T.B. Depressive trajectories and risk of disability and mortality in older adults: longitudinal findings from the Health, Aging and Body Composition Study. *Journals of Gerontology Series A: Biological Sciences and Medical Sciences*. 71(2):228-35, 2016.
 6. Phillips, S.M., Dodd, K., **Steeves, J.A.**, McClain, J., Alfano, C.M., McAuley, E. Physical Activity and Sedentary Behavior in Breast Cancer Survivors: New Insight into Activity Patterns and Potential Intervention Targets. *Gynecologic Oncology*. 138(2):398-404, 2015.
 7. **Steeves, J.A.**, Tudor Locke, C., Murphy R.A., King, G.A., Fitzhugh, E.C., Harris, T.B. Classification of occupational activity categories using accelerometry: NHANES 2003-2004. *International Journal of Behavioral Nutrition and Physical Activity*. 12(1):89, 2015.
 8. **Steeves, J.A.**, Murphy, R., Crainiceanu, C., Zipunnikov, V., Van Domelen, D., Harris, T.B., Daily Patterns of Physical Activity by Type 2 Diabetes Classification: Comparing Diabetes, Prediabetes, and Normal participants in NHANES 2003-2006. *Preventive Medicine Reports*. 2:152-157, 2015.
 9. **Steeves, J.A.**, Murphy, R., Zipunnikov, V., Strath, S., Harris, T.B., Women Workers and Women at Home Are Equally Inactive: NHANES 2003-2006. *Medicine and Science in Sports and Exercise*. 47(8):1635-42, 2015.
 10. **Steeves, J.A.**, Bowles, H., McClain, J., Dodd, K., Brychta, R., Wang, J., Chen, K. Ability of Thigh-Worn Actigraph and activPAL Monitors to Classify Posture and Motion. *Medicine and Science in Sports and Exercise*. 47(5):952-9, 2015.
 11. Anderson Steeves, E., Penniston, E., Rowan, M., **Steeves, J.A.**, Gittelsohn, J., A rural small food store pilot intervention leads to improved healthy food availability. *Journal of Hunger and Environmental Nutrition*. 10(2):259-270, 2015.

12. **Steeves, J. A.**, Lee, R., Liu, B., Willis, G., Wilder-Smith, A., Physicians' personal beliefs about weight-related care and their associations with care delivery: The U.S. National Survey of Energy Balance Related Care among Primary Care Physicians. *Obesity Research and Clinical Practice*. 9(3):243-55, 2015.
13. Welch, W. A., Bassett, D. R., Freedson, P. S., John, D., **Steeves, J. A.**, Conger, S. A., Ceaser, T., Howe, C.A., Sasaki, J.E., Cross-validation of waist-worn GENEActiv accelerometer cut-points. *Medicine & Science in Sports & Exercise*. 46(9):1825-30, 2014.
14. Raynor, H. A., Bond, D. S., **Steeves, J.A.**, Thompson, D. L., Physical activity variety, energy expenditure, and body mass index. *American Journal of Health Behavior*. 38(4):624-30, 2014.
15. Welch, W. A., Bassett, D. R., Thompson, D. L., Freedson, P. S., Staudenmayer, J. W., John, D., **Steeves, J. A.**, Conger, S. A., Ceaser, T., Kozey-Keadle, S.L., Howe, C.A., Sasaki, J.E., Fitzhugh, E. C., Classification accuracy of the wrist-worn GENEActiv accelerometer. *Medicine & Science in Sports & Exercise*. 45(10):2012-9, 2013.
16. **Steeves J.A.**, Bassett D.R. Jr., Fitzhugh E.C., Raynor H.A., Thompson D.L. Can Sedentary Behavior be Made More Active? A Randomized Pilot Study of TV Commercial Stepping versus Walking. *International Journal of Behavioral Nutrition and Physical Activity*. 9:95, 2012.
17. Bond, D. S., Raynor, H. A., Phelan, S., **Steeves, J.A.**, Daniello, D., Wing, R. R. The Relationship between Physical Activity Variety and Objectively-Measured Physical Activity in Weight Loss Maintainers and Always Normal-Weight Individuals. *Journal of Obesity*. 2012.
18. **Steeves, J. A.**, Thompson, D. L., Bassett D. R., Energy Cost of Stepping in Place While Watching TV Commercials. *Medicine & Science in Sports & Exercise*. 44(2):330-5, 2012.
19. **Steeves, J. A.**, Bassett D. R., Thompson, D. L., Fitzhugh, E. C., Raynor, H. A., A review of different behavior modification strategies designed to reduce sedentary screen behaviors in children. *Journal of Obesity*. 2012.
20. **Steeves, J. A.**, Bassett D. R., Thompson, D. L., Fitzhugh, E. C., Relationships of Occupational and Non-Occupational Physical Activity to Abdominal Obesity. *International Journal of Obesity*. 36(1):100-106, 2012.
21. Silcott, N. A., Bassett D. R., Thompson, D. L., Fitzhugh, E. C., **Steeves, J. A.**, Evaluation of the Omron HJ-720ITC Pedometer under Free-Living Conditions. *Medicine & Science in Sports & Exercise*. 43(9):1791-7, 2011.

22. **Steeves, J. A.**, Tyo, B., Connolly, C., Gregory, D., Stark, N., Bassett D. R., Validity and Reliability of the Omron HJ-303 GoSmart Tri-Axis Accelerometer-Based Pedometer. *Journal of Physical Activity and Health*. 8(7):1014-20, 2011.

In Preparation

1. **Steeves, J.A.**, Tudor Locke, C., Bassett, D.R., King, G.A., Fitzhugh, E.C., Harris, T.B. Classification of occupational activity categories using accelerometry: NHANES 2005-2006.
2. **Steeves, J.A.**, Conger, S., Shiroma, E., Harris, T.B. Daily physical activity patterns by disability status (non-disabled, mobility disability, and activities of daily living disability) and age: NHANES 2003-2006.
3. Welch, W. A., Bassett, D. R., Freedson, P. S., Springer, C., John, D., **Steeves, J.A.**, Conger, S. A., Ceaser, T., Kozey-Keadle, S.L., Howe, C.A., Sasaki, J.E., Comparability of activity counts measured by tri-axial accelerometers on the ankle, waist, and wrist.

Other

1. **Steeves, J.A.** ‘Bike Boulevards’ can get Baltimore rolling. Guilford Avenue is a great corridor for local cyclists, but the city should do more to encourage bike riders, *The Baltimore Sun*, 2012 February 8. http://articles.baltimoresun.com/2012-02-07/news/bs-ed-cycling-20120207_1_bike-lanes-bike-riders-cyclists

News media stories covering current and published research

1. *The Daily Times*. Tracking Greenway: Maryville College Study Takes Close Look at Users. Amy Beth Miller. 2016 August 17, 1 and 5A.
2. *MC News*. Billstrom Picks Greenway Usage as Topic of Senior Study. Karen Eldridge. 2016 August 15. <http://www.maryvillecollege.edu/news/2016/2500/billstrom-picks-greenway-usage-as-topic-of-senior-study/>
3. *MC News*. MC Exercise Science Instructor’s Research Published in Academic Journals. Chloe Kennedy. 2015 October 5. <http://www.maryvillecollege.edu/news/2015/2351/mc-exercise-science-instructor-s-research-published-in-academic-journals/>
4. *AARP*. 10 Creative and Cheap Ways to Exercise at Home. 2015 July 21. <http://www.aarp.org/health/healthy-living/info-2015/get-fit-at-home-photo.html>

5. *Women's World*. Our Easiest-Ever Walk-Plan! Walk off 36 lbs Watching TV. 2012 April 30; 18-19.
6. *Good Housekeeping*. Knees Up, Scale Down. 2012 March; 53.
7. *Men's Health*. Take a Break. Weight Loss Bulletin. Maria Masters. 2012 December; 34.
8. *Tennessee Alumnus*. Get Out of Your Seat, Sitting is Hazardous to Your Health. Elizabeth A. Davis, 2012 Fall; 18-19.

PRESENTATIONS

1. **Steeves, J.A.**, Billstrom, G., Beach, C., Flynn, J.I., Anderson Steeves, E. *Distance Matters: Living Close to a Greenway Promotes More Frequent Use and Active Transport to Access it*. Poster presentation at the South East American College of Sports Medicine Annual Conference, February 16-18, 2017, Greenville, SC.
2. Billstrom, G., Beach, C., Anderson Steeves, E., Flynn, J.I., Robbins, L., **Steeves, J.A.** *Why Adults Are Physically Active on Greenways: Important Factors and Concerns that Contribute to Greenway Use*. Poster presentation at the South East American College of Sports Medicine Annual Conference, February 16-18, 2017, Greenville, SC.
3. Beach, C., Billstrom, G., Flynn, J.I., Robbins, L., Anderson Steeves, E., **Steeves, J.A.** *The Pokemon Go Phenomena May Promote Unique Physical Activity Patterns*. Poster presentation at the South East American College of Sports Medicine Annual Conference, February 16-18, 2017, Greenville, SC.
4. Flynn, J.I., Billstrom, G., Beach, C., Anderson Steeves E., **Steeves, J.A.**, *The Maryville-Alcoa TN Greenway: A Descriptive Study of Activities Performed by Age*. Poster presentation at the South East American College of Sports Medicine Annual Conference, February 16-18, 2017, Greenville, SC.
5. Billstrom, G., **Steeves, J.A.** *Use of the Maryville-Alcoa Greenway: Preliminary Results of Users and their Physical Activity Behaviors*. Oral presentation to the Great Smoky Mountains Regional Greenway Council, September 8, 2016, Alcoa, TN.
6. **Steeves, J.A.**, Chait, M., Montoye, A.H.K., Conger, S.A. *Comparison of Postural Classification between the Thigh-worn Actigraph GT9X and activPAL Accelerometers Under Laboratory Conditions*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Conference, June 8-11, 2016, Cape Town, South Africa.
7. **Steeves, J.A.**, Chait, M., Montoye, A.H.K., Conger, S.A. *Comparison of Postural Classification and Transitions between Thigh- and Waist-worn Accelerometers Under*

- Laboratory Conditions*. Oral presentation at the American College of Sports Medicine Annual Conference, May 31- June 4, 2016, Boston, MA.
8. Kelley, E.P., Nelson, B., Bock, J.M., Tuttle, M., **Steeves, J.A.**, Kaminsky, L.A., Montoye, A.H.K. *Effect of Hand Dominance on Accuracy of Wrist-worn Physical Activity Trackers*. Poster presentation at the American College of Sports Medicine Annual Conference, May 31- June 4, 2016, Boston, MA.
 9. Billstrom, G., **Steeves, J.A.** *Maryville Greenway: A Descriptive Epidemiology of Users and Physical Activity Behaviors*. Oral presentation at the Maryville College Undergraduate Research Symposium, April 22, 2016, Maryville, TN.
 10. **Steeves, J.A.**, Shiroma, E., Conger, S.A., Harris, T.B. *Objectively Measured Activity in Older US Adults by Mobility Limitation Status: NHANES 2003-2006*. Poster presentation at the 37th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, March 30-April 2, 2016, Washington, DC.
 11. Montoye, A.H.K., Tuttle, M.S., Nelson, B.M., **Steeves, J.A.**, Kaminsky, L.A. *Comparison of Consumer-Based Physical Activity Monitors to a Research-Grade Accelerometer*. Poster presentation at the American Heart Association's Epidemiology and Prevention, Lifestyle and Cardiometabolic Health Scientific Sessions, March 1-4, 2016, Phoenix, AZ.
 12. **Steeves, J.A.**, Tudor-locke, C., Murphy, R.A. King, G.A., Fitzhugh, E.C., Bassett, D.R., Van domelen, D., Harris, T.B. *Classification of Occupational Activity Categories using Accelerometry: NHANES 2005-2006*. Poster presentation at the South East American College of Sports Medicine Annual Conference, February 18-20, 2016, Greenville, SC.
 13. Bock, J.M., Nelson B.M., **Steeves, J.A.**, Kaminsky, L.A., Montoye, A.H.K. *Comparing Consumer-Based Activity Monitor Validity in Structured and Simulated Free-living Protocols*. Poster presentation at the Midwest American College of Sports Medicine Annual Conference, November 6-7, 2015, Fort Wayne, IN.
 14. Tuttle, M.S., Nelson, B.M., **Steeves, J.A.**, Kaminsky, L.A., Montoye, A.H.K. *Comparison of Consumer-Based Physical Activity Monitors to a Research-Grade Accelerometer*. Poster presentation at the Midwest American College of Sports Medicine Annual Conference, November 6-7, 2015, Fort Wayne, IN.
 15. Kelley, E.P., Nelson, B.M., Bock, J.M., Tuttle, M.S., **Steeves, J.A.**, Kaminsky, L.A., Montoye, A.H.K. *Effect of Hand Dominance on Accuracy of Wrist-worn Physical Activity Monitors*. Poster presentation at the Midwest American College of Sports Medicine Annual Conference, November 6-7, 2015, Fort Wayne, IN.
 16. **Steeves, J.A.**, Tudor Locke, C., Murphy R.A., Strath S.J., King, G.A., Fitzhugh, E.C., Harris, T.B. *Classification of Occupational Activity Categories using Accelerometry: NHANES 2003-2004*. Poster presentation at the International Conference on Ambulatory

- Monitoring of Physical Activity and Movement (ICAMPAM), June 10-12, 2015, Limerick, Ireland.
17. Strath, S.J., Cho, Y., Maeda, H., Rowley, T., Miller, N.E., **Steeves, J.A.**, Swartz, A.M. *Impact of Accelerometer Data Reduction Choices on Select Physical Activity and Sedentary Outcomes in Older Adults*. Poster presentation at the International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), June 10-12, 2015, Limerick, Ireland.
 18. **Steeves, J.A.** Bassett, D.R., Fitzhugh, E.C., Raynor, H. A., Cho, C., Thompson, D.L. *Physical Activity Alone or Paired with TV Viewing: Effects on Enjoyment of Physical Activity and TV, Exercise Self-Efficacy, and Barriers to Being Active in Overweight Adults*. Poster presentation at the 14th Annual Meeting of the International Society of Behavioral Nutrition and Physical Activity, June 3-6, 2015, Edinburgh, Scotland.
 19. Lerma, N.L., Swartz, A.M., Rowley, T.W., Maeda, H., **Steeves, J.A.**, Strath, S.J. *Increasing Energy Cost of Sedentary Behaviors in Older Adults Using a Portable Elliptical Device*. Poster presentation at the American College of Sports Medicine Annual Conference, May 26-30, 2015, San Diego, CA.
 20. Russo, M.T., **Steeves, J.A.** *Educating and Training Older Adults on Moderate Intensity to Increase Compliance in Meeting the Physical Activity Recommendations*. Poster presentation at the University of Milwaukee College of Health Sciences Research Symposium, May 1, 2015, Milwaukee, WI.
 21. Phillips, S.M., Dodd, K., **Steeves, J.A.**, McClain, J., Alfano, C.M., McAuley, E. *Objectively Measured Activity Patterns in Breast Cancer Survivors Compared to Controls*. Paper Session at the 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, April 22-25, 2015, San Antonio, TX.
 22. Fishman, E.I., **Steeves, J.A.**, Harris, T.B., Murphy, R.A. *Association between Objectively Measured Physical Activity and Mortality: NHANES 2003-2004*. Poster presentation at the NIH Summer Research Program Poster Day, August 7, 2014, Bethesda, MD.
 23. **Steeves, J.A.**, Bowles, H., McClain, J., Dodd, K., Brychta, R., Wang, J., Chen, K. *Use of Accelerometers to Differentiate Posture under Controlled and Free-Living Conditions*. Poster presentation at the Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, May 21- 24, 2014, San Diego, CA.
 24. **Steeves, J.A.**, Murphy, R., Crainiceanu, C., Zipunnikov, V., Van Domelen, D.R., Harris, T.B., *A Detailed Comparison of Daily Patterns of Physical Activity by Type 2 Diabetes Status: Comparing Diabetes, Prediabetes, and Normal in NHANES 2003-2006*. Poster presentation at the Annual Meeting of the 7th Annual Research on Aging Showcase, May 9, 2014, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD.

25. **Steeves, J.A.**, Bassett, D.R., Fitzhugh, E.C., Raynor, H. A., Thompson, D.L., *Changes in Perceived Pleasantness of Leisure-time Activities During an Adult Behavioral Physical Activity Intervention*. Poster presentation at the 35th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, April 23-26, 2014, Philadelphia, PA.
26. Welch, W. A., Bassett, D. R., Thompson, D. L., Freedson, P. S., Staudenmayer, J. W., John, D., **Steeves, J. A.**, Conger, S. A., Ceaser, T., Howe, C. A., Sasaki, J.E., Fitzhugh, E. C., *A Cross-Validation Study of the GENE Accelerometer Waist Cut-Points*. Poster presentation at the 3rd International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), June 17-19, 2013 Amherst, MA.
27. **Steeves, J.A.**, Fitzhugh, E.C., Bradwin, G., McGlynn, K.A., Platz, E.A., Joshu, C.E., *Relationship between Physical Activity and Serum Testosterone Levels in US Men: Results from NHANES 1999-2004*. Poster presentation at the 60th Annual Meeting and 4th World Congress on Exercise is Medicine of the American College of Sports Medicine, May 28- June 1, 2013, Indianapolis, IN.
28. **Steeves, J.A.**, Willis, G., Liu, B., Ballard-Barbash, R., Wilder Smith, A., *Association between Physician Attitudes about Energy Balance Care, and Care Delivery*. Poster presentation at the Society of Behavioral Medicine Annual Conference, March 20-23, 2013, San Francisco, CA.
29. **Steeves, J.A.**, Bassett D. R., Fitzhugh, E. C., Raynor, H. A., Thompson, D. L., *Making Sedentary Behavior More Active: A Randomized Trial of TV Commercial Stepping*. Thematic poster presentation at the American College of Sports Medicine Annual Conference, May 29 - June 2, 2012, San Francisco, CA.
30. **Steeves, J.A.**, Bassett D. R., Fitzhugh, E. C., Raynor, H. A., Thompson, D. L., *TV Commercial Stepping: Can American's Top Sedentary Behavior be Made More Active? Preliminary Outcome Evaluation of the Physical Activity and Leisure-Time Study for Sedentary, Overweight Adults*. Poster presentation at The Obesity Society Conference, October 1-5, 2011, Orlando, FL.
31. Bond, D. S., Raynor, H. A., Phelan, S., **Steeves, J.A.**, Daniello, D., Wing, R. R. *Associations between Physical Activity Variety and Objective Physical Activity Levels in Weight Loss Maintainers and Always Normal-Weight Individuals*. Poster presentation at The Obesity Society Conference, October 1-5, 2011, Orlando FL.
32. **Steeves, J.A.**, Thompson, D. L., Bassett D. R., *Use of TV Commercial Stepping to Increase Physical Activity in Adults*. Poster presentation at the American College of Sports Medicine Annual Conference, May 31 – June 4, 2011, Denver, CO.
33. **Steeves, J.A.**, Thompson, D.L., Bassett, D.R., *Step Up Your Commercial Breaks*. Poster presentation at the Southeast American College of Sports Medicine Annual Conference, February 3-5, 2011, Greenville, SC.

34. **Steeves, J. A.**, Fitzhugh, E. C., Thompson, D. L., *Interaction of Occupational Activity and Levels of Non-Occupational Physical Activity on Waist Circumference*. Poster presentation at the Southeast American College of Sports Medicine Annual Conference, February 11-13, 2010, Greenville, SC.
35. **Steeves, J.A.**, Thompson, D.L., Raynor, H. A., *Does Engaging in a Variety of Physical Activities Improve Maintenance of Physical Activity and Body Mass Index Reduction During an Adult Behavioral Obesity Intervention?* Poster presentation at The Obesity Society Conference, October 8-12, 2010, San Diego CA. *Obesity* (Silver Spring) 2010; 18:S94.
36. **Steeves, J.A.**, Tyo, B., Connolly, C., Gregory, D., Stark, N., Bassett D. R., *Validity and Reliability of the Omron HJ-303 GoSmart Tri-Axis Accelerometer-Based Pedometer*. Poster presentation at the American College of Sports Medicine Annual Conference, June 1 - 5, 2010, Baltimore, MD. *Med. Sci. Sports Exerc.* 42(5, Suppl): S339, 2010.
37. **Steeves, J. A.**, Zhang, S., Dean, J., Wortley, M., Freedman, J., Milner, C. E., *Relationship Between Eccentric Knee Strength and Impact Force Attenuation In Drop Landing*. Poster presentation at the American College of Sports Medicine Annual Conference, May 27 - 30, 2009, Seattle, WA. *Med. Sci. Sports Exerc.* 41(5, Suppl): S391, 2009.
38. Zhang, S., **Steeves, J. A.**, *Differences in Impact Force Attenuation and Knee Kinematics during Drop Jump and Drop Landing*. Poster presentation at the American College of Sports Medicine Annual Conference, May 27 - 30, 2009, Seattle, WA. *Med. Sci. Sports Exerc.* 41(5, Suppl): S457-458, 2009.

FUNDING

Grants Awarded

1. **Steeves, J.A.**, Billstrom, G., Beach, C., Flynn, J.I., Anderson Steeves, E. *Distance Matters: Living Close to a Greenway Promotes More Frequent Use and Active Transport to Access it*. Appalachian College Association Faculty Travel Grant and Blizzard Fund, Maryville College. \$250. 2016. Principal Investigator.
2. **Steeves, J.A.**, Chait, M., Montoye, A.H.K., Conger, S.A. *Comparison of Postural Classification between the Thigh-worn Actigraph GT9X and activPAL Accelerometers Under Laboratory Conditions*. Russell D. Parker Fund for Faculty Development and William G. Hoffner Memorial Faculty Development Fund, Maryville College. \$1050. 2016. Principal Investigator.
3. **Steeves, J.A.**, Billstrom, G. *Maryville Greenway: A Descriptive Epidemiology of Users and Physical Activity Behaviors*. Naylor Fund Joint Faculty-Student Fellowship, Maryville College. \$7,600 was requested and \$1,545 was awarded. 2016. Principal Investigator.

4. **Steeves, J.A.**, Tudor-locke, C., Murphy, R.A. King, G.A., Fitzhugh, E.C., Bassett, D.R., Van domelen, D., Harris, T.B. *Classification of Occupational Activity Categories using Accelerometry: NHANES 2005-2006*. Appalachian College Association Faculty Travel Grant and Blizzard Fund, Maryville College. \$250. 2015. Principal Investigator.
5. **Steeves, J.A.**, Shiroma, E., Conger, S.A., Harris, T.B. *Objectively Measured Activity Patterns in Older US Adults by Mobility Disability Status: Results from the NHANES 2003-2006*. Russell D. Parker Fund for Faculty Development and William G. Hoffner Memorial Faculty Development Fund, Maryville College. \$700. 2015. Principal Investigator.
6. **Steeves, J.A.** *Transitioning Across the Life Course: Using Objective Measurements to Quantify Differences in Posture Transitions at Both Ends of the Lifespan*. UW-Milwaukee College of Health Sciences Stimulus for Enhancing Extramural Development Program, UW-Milwaukee. \$14,982. 2015. Principal Investigator. Funding was declined due to departure from UW-Milwaukee
7. Anderson, E., **Steeves, J.A.**, Gittelsohn, J. *B'More Healthy: Communities 4 Kids (BHCK)*. General Mills Champions for Healthy Kids Grant. \$10,000. 2013. Consultant.
8. **Steeves, J.A.**, Thompson, D. L. *Can America's top sedentary behavior be made more active?* Plus One Active Research Grant on Wellness Initiative, American College of Sports Medicine Foundation. \$5,000. 2010. Co-Principal Investigator.

Grant Proposals Under Review

1. Anderson Steeves, E., Spence, M., **Steeves, J.A.** *Reducing Accelerated Summer Weight Gain in Low Income Youth through an Evidence-Based Youth Led Obesity Prevention Program*. Dr. Scholl Foundation. \$24,985. 2016. Consultant.

Unfunded Grant Proposals

1. **Steeves, J.A.**, Chait, M., Montoye, A.H.K., Conger, S.A. *Comparison of Postural Classification between the Thigh-worn Actigraph GT9X and activPAL Accelerometers Under Laboratory Conditions*. Dean Bolden International Travel Fellowship, Maryville College. \$1,500. 2016. Principal Investigator.
2. **Steeves, J.A.**, Anderson Steeves, E., Cho, Y. *Program Evaluation of the 100 Mile Club at St. William Catholic School*. The Wisconsin Partnership Program Community Opportunity Grant. \$50,000. 2015. Principal Investigator.
3. **Steeves, J.A.**, Swartz, A. M. *Lost in Transition: Using Objective Measures of Physical Activity to Quantify Transitions between Physical Behaviors*. UW-Milwaukee Research Growth Initiative Grant, UW-Milwaukee. \$91,563. 2014. Principal Investigator.

4. Keenan, K., **Steeves, J.A.** *Neural mechanisms contributing to falls in older adults*. UW-Milwaukee College of Health Sciences Research and Creative Activities Support Awards, UW-Milwaukee. \$25,000. 2014. Co-Principal Investigator.

HONORS/ AWARDS

- 2014 7th Annual Research on Aging Showcase, Post-Doctoral Fellows and Junior Faculty Award for Outstanding Poster. \$50. The Johns Hopkins Center on Aging and Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2012 College of Education, Health, and Human Sciences Helen B. Watson Faculty/Student Award for Outstanding Doctoral Dissertation. \$375. University of Tennessee, Knoxville, TN
- 2011 Edward A. Capen Award for excellence in research activities. \$250. University of Tennessee, Knoxville, TN
- 2011 Andy Kozar Graduate Research Scholarship for excellence/potential in research and writing. \$1,000. University of Tennessee, Knoxville, TN
- 2010 ESPN Fellowship. \$4,125. University of Tennessee, Knoxville, TN
- 2005 Invited High School Graduation Speaker. Riverview High School, Riverview, NB, Canada
- 2003-2004 Canadian Intercollegiate Sports First Team Defense All-Canadian. St. Francis Xavier University, Antigonish, NS, Canada
- 2003- 2005 Canadian Intercollegiate Football Academic All-Canadian. St. Francis Xavier University, Antigonish, NS, Canada
- 2002-2005 Dean's List Award. St. Francis Xavier University, Antigonish, NS, Canada
- 2002-2004 Leadership Scholarship. \$6,000 St. Francis Xavier University, Antigonish, NS, Canada
- 2001-2005 Danny Gallivan Memorial Scholarship for leadership and academic excellence. \$20,000. St. Francis Xavier University, Antigonish, NS, Canada
- 2000-2001 Peter Gorman Trophy awarded to the National Rookie of the Year. Canadian Intercollegiate Football, Toronto, ON, Canada

TEACHING TRAINING AND OTHER WORKSHOPS

- 07/19/16 *Tennessee Independent College and Universities Association Grant Workshop.* Tennessee Higher Education Commission (THEC), Nashville, TN. Instructors: Diane Berty, Patrick Meldrim, and Herbert Brown.
- 06/15 *UWM Certificate Program in Online and Blended Teaching.* Center for Excellence in Teaching and Learning Course, University of Wisconsin-Milwaukee, Milwaukee, WI. Instructor: Nicole Weber.
- 11/14 *The Flipped Classroom: Your Best Bet for Promoting Active Learning.* Center for Excellence in Teaching and Learning Workshop, University of Wisconsin-Milwaukee, Milwaukee, WI. Instructors: Gerald Bergtrom, Diane Reddy, Connie Schroeder.
- 02/14-04/14 *Scientists Teaching Science.* STEM Education Solutions 9-week certificate course, National Institutes of Health, Bethesda, MD. Instructor: Barbara Houtz.
- 05/13 *Scientists Teaching Science.* STEM Education Solutions 2-hour Workshop, National Institutes of Health, Bethesda, MD. Instructor: Barbara Houtz.
- 02/11-03/11 *Best Practices in Teaching Program for Graduate Teaching Assistants and Associates, Postdoctoral Lecturers, and New Faculty.* The Graduate School certification program, University of Tennessee, Knoxville, TN. Instructor: Joy DeSensi.

LEADERSHIP/COMMUNITY SERVICE

- 2016 Content expert, Screen Time Interventions for Children, What Works for Health, an initiative of the *County Health Rankings & Roadmaps* program, University of Wisconsin Population Health Institute and the Robert Wood Johnson Foundation
- 2016-present Student Government Association Faculty Representative, Maryville College, Maryville, TN
- 2016-2019 Sexual Grievance Committee, Maryville College, Maryville, TN
- 2016-present Maryville College Campus Wellness and Fitness Task Force, Maryville College, Maryville, TN
- 2014-present Liaison, Outlook Newsletter, Physical Activity Special Interest Group (PA SIG), Society of Behavioral Medicine, Milwaukee, WI
- 2014-2015 Awards Committee, Obesity and Eating Disorders Special Interest Group (OED SIG), Society of Behavioral Medicine, Milwaukee, WI
- 2013-2014 Co-Chair, Cancer Prevention Fellowship Program Grant Writing Working Group, National Cancer Institute, Bethesda, MD

- 2012-2014 Member, Diet, Weight and Physical Activity Working Group, National Cancer Institute, Bethesda, MD
- 2012-2014 Member, Physical Activity Epidemiology Methods Group, National Cancer Institute, Bethesda, MD
- 2013 Volunteer Scientist Interviewer/ Judge, Garrett Park Elementary School Science Fair. Garrett Park Elementary School, Kensington, MD
- 2012-2013 Coach, Upward Basketball. Columbia Presbyterian Church, Columbia, MD
- 2012-2013 Chair of the Fellows Advisory Board Study Section. Cancer Prevention Fellowship Program, National Cancer Institute, Bethesda, MD
- 2011-2012 Academic tutor and mentor, Baltimore SquashWise, Baltimore, MD
- 2010-2011 Student Representative, Dean's Graduate Student Council. University of Tennessee, Knoxville, TN
- 2010 Coach, Upward Basketball. Valley Grove Baptist Church, Knoxville, TN
- 2009 Volunteer Staff Member, USDA grant-funded Destination ImagiNation. University of Tennessee, Knoxville, TN
- 2006 Coach, Track and Field Team. Moncton High School, Moncton, NB, Canada
- 2004-2005 Director and Coordinator, After-School Recreational Activity Program. St. Andrews Junior School, Antigonish, NS, Canada
- 2003-2005 Leader, Fit for Life, After-School Physical Activity Program. St. Francis Xavier University, Antigonish, NS, Canada

EDITORIAL SERVICE (Ad Hoc Reviewer)

Medicine & Science in Sports & Exercise

Journal of Physical Activity and Health

Research in Sports Medicine

Journal of Sports Science

Applied Physiology, Nutrition, and Metabolism

Sports Biomechanics

Journal of Occupational and Environmental Medicine

PLOS ONE

Physiological Measurement

American Journal of Preventative Medicine
Gait and Posture
International Journal of Sport and Exercise Psychology
Journal of Gerontology: Medical Sciences

PROFESSIONAL SOCIETY MEMBERSHIPS

American College of Sports Medicine, 2008-present
Southeast Chapter - American College of Sports Medicine, 2008-2011, 2015-present
Society of Behavioral Medicine, 2013-present
International Society for Behavioral Nutrition and Physical Activity, 2014-present
International Society for the Measurement of Physical Behavior, 2015-present

SUPERVISION OF SENIOR STUDY, MASTER'S AND DOCTORAL THESES

Senior Study Theses directed

- 2016 Gabrielle Billstrom, *Maryville-Alcoa Greenway: A Descriptive Epidemiology of Users and Physical Activity Behaviors*. Division of Education, Maryville College, Maryville, TN
- 2016 Sean Hagstrom, *Physical Activity and Military Performance: The Impact of Carrying Various Loads on Heart Rate Response, Accelerometer Measured Vector Magnitude, and Rated Perceived Exertion during Jogging*. Division of Education, Maryville College, Maryville, TN
- 2016 Logan Jenkins, *Describing the Physical Activity Patterns of Elderly Adults with Different Levels of Mobility Disability*. Division of Education, Maryville College, Maryville, TN
- 2015-2016 Brady Brown, *A Comparison of Rehabilitation Methods for the Anterior Cruciate Ligament*. Division of Education, Maryville College, Maryville, TN
- 2015-2016 Emilie Craven, *Personal Experiences of Bone Marrow and Peripheral Blood Stem Cell Donors and Recipients*. Division of Education, Maryville College, Maryville, TN
- 2015-2016 Cody Akers, *Describing the Physical Activity Patterns of Elderly Adults with Different Levels of Mobility Disability*. Division of Education, Maryville College, Maryville, TN

M.S. projects directed

2014-2015 Matt Russo, *Educating and Training Inactive Older Adults on Moderate Intensity to Increase Compliance in Meeting the Physical Activity Guidelines*. Department of Kinesiology, University of Wisconsin-Milwaukee, Milwaukee, WI

Prepared: 12/21/2016