

CURRICULUM VITAE

NAME: **Catrine Tudor-Locke, PhD, FACSM, FNAK**
 Professor and Chair
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1. EDUCATION:

Undergraduate and Graduate Education

BA (Physical Education)	University of Lethbridge	1985
MSc (Kinesiology)	Dalhousie University	1992
Certificate (Adult Education)	St. Francis Xavier University	1995
PhD (Health Studies and Gerontology)	University of Waterloo	2000

Post Graduate Education and Training

Post-doctorate (Physical Activity and Public Health)	Prevention Research Center School of Public Health University of South Carolina	2000-2001
Physical Activity and Public Health Research Course 60 hour post-graduate course Sponsored by the University of South Carolina		2000
Collaborative Institutional Training Initiative (CITI) Human Subjects Training		current as of 2016

Summary of Recent (within two years) Workplace and Professional Training

Supervisor Leadership Development Program	Harassment and Discrimination
Budgeting	Intro to Anti-Bullying
Union Contracts	Leadership Enhancement for Academic
Harvard Program on Negotiation (Difficult Conversations)	Departments Program (LEAD)
	Support Program for Chairs/Heads

2. PROFESSIONAL EXPERIENCE:

<u>Date</u>	<u>Position</u>	<u>Institution</u>
1985-1989	Program Manager	Alberta YMCAs
1989-1991	Teaching Assistant	School of Physical Education, Recreation and Health Studies Dalhousie University
1991	Sessional Instructor (Exercise Physiology)	School of Physical Education, Recreation and Health Studies Dalhousie University
1992-1996	Community Exercise Physiologist	Centre for Activity and Ageing Department of Kinesiology University of Western Ontario
1993-1997	Fitness Coordinator	GoodLife Fitness Clubs, London, Ontario
1996-1997	Teaching Assistant (Epidemiology, Program Evaluation, Health Social Psychology)	Department of Health Studies and Gerontology University of Waterloo
1999	Sessional Instructor (Introduction to Gerontology: Health & Aging)	Department of Health Studies and Gerontology University of Waterloo
1998-2000	Study Coordinator Diabetes and Exercise	Centre for Activity and Ageing School of Kinesiology Faculty of Health Sciences University of Western Ontario
2000-2001	Research Assistant Professor	Department of Health Promotion and Education University of South Carolina
2000-2008	Adjunct Professor	School of Kinesiology Faculty of Health Sciences University of Western Ontario
2001-2005	Assistant Professor of Health Promotion	Department of Exercise and Wellness Arizona State University East
2003-2008	Adjunct Professor	Department of Health Studies and Gerontology University of Waterloo
2003-2004	Visiting Scientist	Mayo Clinic Scottsdale
2004-2008	Affiliated Faculty	School of Health Management and Policy Arizona State University Tempe
2005-2006	Technical Advisor	Governor's Council on Health and Fitness
2005-2008	Associate Professor of Health Promotion	Department of Exercise and Wellness Arizona State University
2005 to present	Adjunct Scholar	Canadian Fitness and Lifestyle Research Institute

Fall 2007	Visiting Scholar	University of Western Australia, Perth, Australia
Fall 2007	Visiting Scholar	University of Queensland, Brisbane, Australia
Fall 2007	Visiting Scholar	University of Sydney, Sydney, Australia
2008 to 2009	Adjunct Faculty	Department of Exercise and Wellness Arizona State University
2008 to 2015	Associate Professor	Director, Walking Behavior Laboratory, Population Sciences, Pennington Biomedical Research Center, Baton Rouge, LA
2010- 2015	Pennington Site Lead Interventionist LIFE Multi-center trial	Population Sciences, Pennington Biomedical Research Center, Baton Rouge, LA
2011-2015	Research Affiliate Member	Graduate Faculty, Louisiana State University
2015-present	Adjunct Faculty	Pennington Biomedical Research Center
2015- present	Professor and Chair	Department of Kinesiology, University of Massachusetts Amherst
2015-present	Affiliated Faculty	Center for Personal Health Monitoring, Institute of Applied Life Sciences, University of Massachusetts Amherst

3. PROFESSIONAL ORGANIZATION MEMBERSHIPS:

- American Alliance of Health, and Physical Education, and Dance (past)
- American Diabetes Association (past)
- American Evaluation Society (past)
- American Heart Association (present)
- American Public Health Association (past)
- Canadian Evaluation Society (past)
- Canadian Society of Exercise Physiology (past)
- Diabetes Education Section, Canadian Diabetes Association (past)
- Society for Behavioral Medicine (past)
- The Obesity Society (past)
- American College of Sports Medicine (present)
- International Society of Behavioral Nutrition and Physical Activity (present)
- International Society for Physical Activity and Health (present)

4. HONORS AND AWARDS:

<u>Date</u>	<u>Award</u>
1981	Alberta Heritage Fund Scholarship
1981	Lethbridge Legion Scholarship
1989	Dalhousie University Graduate Entrance Scholarship
1997, 98, 99	Ontario Graduate Scholarship
1997, 98, 99	Provost, Graduate Incentive Fund
1997, 98, 99	University of Waterloo Graduate Scholarship
1998	J. Alan George Student Leadership Award
1998	Bayer Corporation Education Innovation Award (Co-Recipient with W. Rodger)
2000	Governor-General Gold Medal University of Waterloo
2000	Early Career Award International Society of Behavioral Medicine (Travel award to attend International Congress of Behavioral Medicine in Australia)
2002	Research Quarterly for Exercise and Sport Writing Award
2003	Fellow of the American College of Sports Medicine
2003	Nominated for ASU East Award of Excellence for Researcher of the Year
2005	Early promotion to Associate Professor, Arizona State University
2006	SEACSM Lecturer (visited University of Alabama, Georgia State University, and Florida State University)
2007	Tenure granted at Arizona State University
2007	Sabbatical granted at Arizona State University (Study and travel in Australia)
2008	Granted rolling tenure (and continuously awarded during all years at this appointment) at Pennington Biomedical Research Center
2010	Research Quarterly for Exercise and Sport Writing Award
2010	O'Dell Lecture (Invited Named Lecture at the University of Missouri)
2015	Promoted to Full Professor at University of Massachusetts Amherst
2015	Elected Fellow (#553) to the National Academy of Kinesiology
2016	University of Massachusetts Boston Research Excellence Award

5. GRANTS AND CONTRACTS SUPPORT:

<u>Researchers</u>	<u>Agency</u>	<u>\$ Amount</u>	<u>Tenure</u>	<u>Short Title</u>
Tudor-Locke, C.	Employment and Immigration Canada	2,083	1995	Summer Student Work Placement (2 positions)
Ecclestone, N. (PI) Tudor-Locke, C. (Co-I)	St. Joseph's Health Centre Foundation	12,142	1995-96	Strategies to Increase Exercise Compliance in Frail Elderly
Ecclestone, N. (PI) Tudor-Locke, C. (Co-I)	Ministry of Health, Health Community Grants Program	11,865	1995-96	Training for the Trainer
Tudor-Locke, C.	Canadian Association on Gerontology	75	1996	Conference Travel (Quebec)
Ecclestone, N. (PI) Tudor-Locke, C. (Co-I)	ALCOOA New Horizons Partners in Aging	14,450	1997	Process Evaluation of Home-based Exercise Program
Tudor-Locke, C. (PI)	Lawson Diabetes Centre	1,972	1997	Needs Assessment: Physical activity Guidelines in Type 2 Diabetes
C. Tudor-Locke (PI)	Toronto East General Hospital and Mediscience Pharmaceuticals	5,200	1997	Blood Glucose Response to Acute Exercise in Type 2 Diabetes
Bell, R. (PI) Tudor-Locke, C. (Co-I)	University of Waterloo, Faculty of Applied Health Sciences	2,750	1997	Comparison of Pedometers to Other Indicators of Physical Activity
Tudor-Locke, C.	Ontario Chapter, Canadian Evaluation Society	500	1997	Conference Travel (Ottawa, Ontario)
Tudor-Locke, C.	Human Resources Development	3,570	1997	Summer Career Placements (2 positions)

Tudor-Locke, C. (PI)	Osteoporosis Society of Canada	10,000	1997-98	Risk Factors for Low Bone Density in Premenopausal Women
Rodger, N.W. (Co-PI) Tudor-Locke, C. (Co-I)	Canadian Diabetes Association, Bayer Award	5,000	1998-99	Development of Daily Activity Resources in Type 2 Diabetes
Ecclestone, N. (PI) Tudor-Locke, C. (Co-I)	Population Health Fund, Health Canada	27,000	1998-99	Randomized Evaluation of the Home Support Exercise Program for the Frail Elderly
Rodger, N.W. (PI) Tudor-Locke, C. (Co-I)	Pearl Laird Fund for Diabetes Research	4,301	1998-99	Preliminary Evaluation of Daily Activity Intervention in Type 2 Diabetes
Tudor-Locke, C.	Canadian Evaluation Society/SSHRC	800	1999	Conference Travel (Toronto, Ontario)
Tudor-Locke, C.	Dept. Health Studies, Faculty of Applied Health Sciences, University of Waterloo	700	1999	Conference Travel (Seattle, Washington)
Tudor-Locke, C.	Canadian Diabetes Association	500	1999	Conference Travel (Ottawa, Ontario)
Rodger, N.W. (PI) Tudor-Locke, C. (Co-I)	Canadian Diabetes Association	60,000	1998-2000	Evaluation of Physical Activity Interventions in Type 2 Diabetes
Ainsworth, B.E. (PI) Tudor-Locke, C. (Co-I)	Center for Disease Control Special Interest Projects	240,899US	1999-2002	Develop and Test a BRFSS Module to Assess Community Indicators that Promote Physical

Rodger, N.W. (PI) Tudor-Locke, C. (Co-I)	Canadian Diabetes Association	\$80,000C AN	2001-2003	Activity Evaluation of Dissemination and Implementation of Prototypes of the First Step Program
Rodger, N.W. (PI) Tudor-Locke, C. (Co-I)	Health Canada	\$300,000CAN	2001- 2004	Evaluation of Dissemination of the First Step Program
Tudor-Locke, C. (PI)	American Alliance of Health, Physical Education and Recreation	\$5,000	2003- 2004	Children's Active Commuting to School
Tudor-Locke, C. (PI)	Arizona State University Graduate College	\$2,000	2003- 2004	Support for Research Conference: Physical Activity and Public Health
Corbin, C.B. (PI) C. Tudor-Locke (Co-I)	Arizona Department of Health Services	\$4,891	2003	Project Get WELL Arizona
C. Tudor-Locke (PI)	Canadian Institutes of Health Research	\$6,000 (an additional \$5000 was contributed by Kellogg Canada to an ASU Foundation account)	2003- 2004	Evaluation of Quality of Commercial Pedometers: Sensitivity, Specificity, Reliability, and the User Experience

Craig, C.L. (PI) Tudor-Locke, C. (Co-I)	Canadian Institutes of Health Research	\$60,000 CAN	2003- 2004	Measure and Track the Impact of the CMSO Initiative on the General Adult Canadian Population
Morgan, D. W. (PI) Tudor-Locke, C. (Co-I)	National Institutes of Health	\$1,868,750	2004- 2007	Locomotor Energy Use in Children with Cerebral Palsy
Tudor-Locke, C. (PI)	Arizona State University Graduate College	\$1,200	2005-2006	Support for Research Conference: Healthy Lifestyles
Tudor-Locke, C. (PI)	National Cancer Institute; National Institutes of Health	\$25,000	2005-2006	Metabolic Coding for Physical Activity in the American Time Use Survey
Kulinna, P.H. (Co-PI) Tudor-Locke, C. (Co- PI)	Gila River Indian Community Schools through the Carol M. White Physical Education Program (PEP), U.S. Department of Education.	\$243,686.00	2005-2006	Gila River Diabetes Prevention Initiative Consortium Agreement
Kulinna, P.H. (Co-PI) Tudor-Locke, C. (Co- PI)	Arizona Department of Education PEP), U.S. Department of Education.	\$101,918	2006-2007	Physical Education Pilot Grant

Kulinna, P.H. (Co-PI) Tudor-Locke, C. (Co-PI)	Salt River Pima-Maricopa Community Schools through the Carol M. White Physical Education Program	\$247,727	2007	Salt River Pima-Maricopa Community Schools Healthy Living Initiative
Faulkner, M.S. (PI) Tudor-Locke, C. (Co-PI)	National Institutes of Health	\$417,041	2006-2008	Personalized Exercise for Adolescents with Diabetes
Small, L. (PI) Tudor-Locke, C. (Co-I)	National Institutes of Health	\$219,119	2007-2009	PLAY! Parents Lead Active Youth
Keller, C. (PI) Tudor-Locke, C. (Co-I)	National Institutes of Health	\$213,142	2007-2009	Mujeres en Accion: Walking in Hispanic Women
Katzmarzyk, P.T. (PI) Tudor-Locke, C. (Co-I)	United States Department of Agriculture	\$700,000	2008-2013	Steps Toward Adapting Physical Activity and Dietary Guidelines for the Delta Population
Tudor-Locke, C. (PI)	American Heart Association	\$150,000	2011-2013	Comparative Effectiveness of Pedometer-based Walking Interventions: WALKMORE
Tudor-Locke, C. (PI)	Blue Cross and Blue Shield of Louisiana	\$55,000	2012-2013	Blue Cross Blue Shield of LA WalkStation Pilot Study

Katzmarzyk, P.T. (PI) Tudor-Locke, C. (Co-I)	Coca Cola Company	\$1,380,308	2008-2014	International Study of Childhood Obesity, Lifestyle and Environment
Keller, J. (PI) Tudor-Locke, C. (Co-I)	NIH (NCCAM)	\$121,250	2012-2014	Walking Interventions, Cognitive Remediation and Mild Cognitive Impairment
Tudor-Locke, C. (PI)	USDA	\$30,000	2012-2014	BMI: Accounting for the Full Day
Church, T.S. (Site PI) Tudor-Locke, C. (Co-I)	NIH (NIA)	\$5,827,246 Subcontract from NIH to University of Florida to PBRC.	2009-2015	Lifestyle Interventions and Independence for Elders – LIFE
Martin, C.K. (PI) Tudor-Locke, C. (Co-I)	NIH (NHLBI)	\$445,406	2010-2015	Examination of Mechanisms of Exercise-induced Weight Compensation
Tudor-Locke, C. (PI)	NIH (NCHID)	\$125,000	2013-2015	Cadence-Kids: Cadence and Intensity in Children and Adolescents
Tudor-Locke, C. (PI)	NIH (NIA)	\$2,263,340	2015-2020	Cadence-Adults: Cadence and Intensity Across the Lifespan

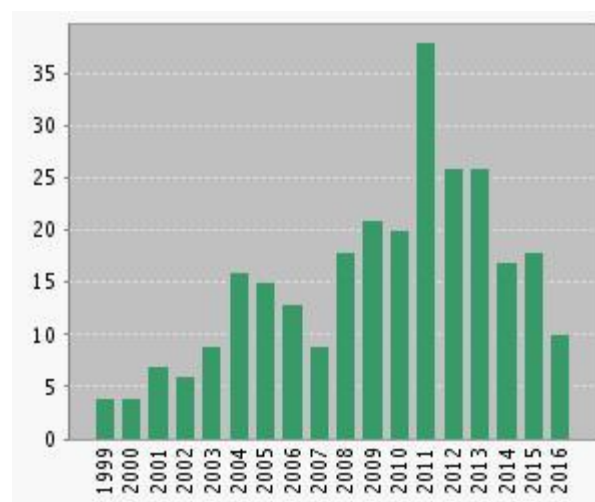
Tudor-Locke, PI	Pennington Biomedical Research Center LSU (Prime NIH- NICHD)	\$22,349	2015-2016	Cadence-Kids: Cadence and Intensity in Children and Adolescents
Tudor-Locke, PI	Pennington Biomedical Research Center LSU (Prime CDC- NIOSH)	\$4,128	2015-2017	WorkActive-P: Multi-component Workplace Energy Balance Intervention

6. PUBLICATIONS:

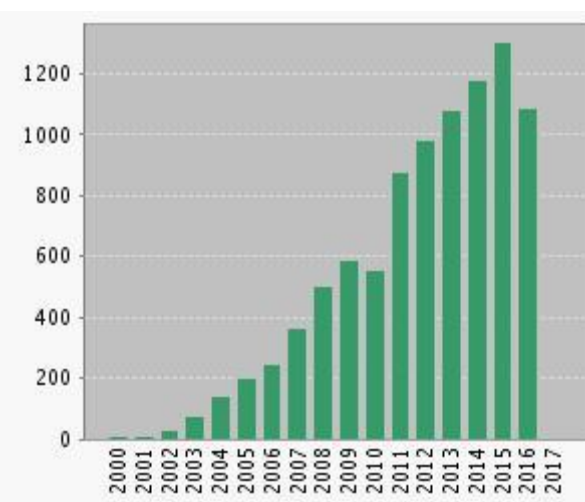
Research Productivity Statistics (Web of Science, July 2016):

H-Index = 49. This means that at least 49 of my publications have been cited at least 49 times.

Number of articles published each year



Number of citations each year



Original Manuscripts Published in Peer-reviewed Journals:

1. **Tudor-Locke, C.**, Myers, A.M., Rodger, N.W., & Ecclestone, N.A. Towards acceptable exercise guidelines for Type 2 diabetes: An examination of current standards and practices. *Canadian Journal of Diabetes Care*. 1998, 22: 47-53. *Nominated for the Novo-Disc Best Journal Article 1998.*
2. Myers, A.M., Malott, O.W., Gray, E., **Tudor-Locke, C.**, Ecclestone, N.A., O'Brien Cousins, S., & Petrella, R. Measuring accumulated health-related benefits of exercise

- participation for older adults. The Vitality Plus Scale. *Journal of Gerontology: Medical Sciences*. 1999, 54 (9): M456-466.
3. Lazowski, D.A., Ecclestone, N.A., Myers, A.M., Paterson, D.H., **Tudor-Locke, C.**, Fitzgerald, C., Jones, G., Shima, N., & Cunningham, D.A. A randomized outcome evaluation of group exercise programs in long-term care institutions. *Journal of Gerontology: Medical Sciences*. 1999, 54 (12): M621-628.
 4. **Tudor-Locke, C.**, Myers, A.M., Jacob, C.S., Jones, G., Lazowski, D.A. & Ecclestone, N.A. Development and formative evaluation of the Centre for Activity and Ageing's Home Support Exercise Program for frail older adults. *Journal of Aging and Physical Activity*. 2000, 8: 59-75.
 5. **Tudor-Locke, C.**, & McColl, R.S. Factors related to variation in premenopausal bone mineral status: A health promotion perspective. *Osteoporosis International*. 2000,11 (1): 1-24.
 6. **Tudor-Locke, C.E.**, Bell, R.C., & Myers, A.M. Re-visiting the role of physical activity and exercise in the treatment of Type 2 diabetes. *Canadian Journal of Applied Physiology*. 2000, 25 (6): 466-492.
 7. **Tudor-Locke, C.**, Myers, A.M., & Rodger, N.W. Formative evaluation of The First Step Program: A practical intervention to increase daily physical activity. *Canadian Journal of Diabetes Care*. 2000, 24 (4): 34-38.
 8. **Tudor-Locke, C.**, & Myers, A.M. Challenges and opportunities in measuring physical activity in sedentary adults. *Sports Medicine*. 2001, 31 (2): 91-100.
 9. **Tudor-Locke, C.**, Myers, A.M. & Rodger, N.W. Development of a theory-based daily activity intervention for individuals with type 2 diabetes. *Diabetes Educator*. 2001, 27 (1): 85-93.
 10. **Tudor-Locke, C.**, & Myers, A.M. Methodological considerations for researchers and practitioners using pedometers to measure physical (ambulatory) activity. *Research Quarterly for Exercise and Sport*. 2001, 72 (1): 1-12. *Awarded the 2002 Research Writing Award*.
 11. **Tudor-Locke, C.**, Ainsworth, B.E., & Popkin, B.M. Active commuting to school: An overlooked source of children's physical activity? *Sports Medicine*. 2001, 31 (5): 309-313.
 12. **Tudor-Locke, C.** A preliminary study to determine instrument responsiveness to change with a walking program: Physical activity logs vs. pedometers. *Research Quarterly for Exercise and Sport*. 2001, 72 (3): 288-292.
 13. Wilcox, S., Irwin, M.L., Addy, C., Ainsworth, B., Stolarczyk, L., Whitt, M., & **Tudor-Locke, C.** Agreement between participant-rated and compendium-coded intensity of daily activities in a tri-ethnic sample of women 40 years and older. *Annals of Behavioral Medicine*. 2001, 23 (4): 253-262.
 14. **Tudor-Locke, C.**, Ainsworth, B.E., Whitt, M.C., Thompson, R., Addy, C.L. Jones, D. The relationship between pedometer-determined ambulatory activity and body composition variables. *International Journal of Obesity*. 2001, 25: 1571-1578.
 15. **Tudor-Locke, C.**, Myers, A.M., Bell, R., Harris, S., Rodger, N.W., & Mitek, N. Pedometer-assessed ambulatory activity and body composition in individuals with Type 2 diabetes. *Diabetes Research and Clinical Care*. 2002, 55 (3):191-199.

16. **Tudor-Locke, C.,** Myers, A.M., Bell, R., Harris, S., & Rodger, N.W. Preliminary outcome evaluation of the First Step Program: A daily physical activity intervention for individuals with type 2 diabetes. *Patient Education and Counseling*. 2002, 47 (1):23-28.
17. **Tudor-Locke, C.,** & Evans, A. Impact of the “Walk Your Children to School Day” on traffic surrounding an elementary school. *SCAHPERD Journal of Physical Education, Recreation, and Dance*. 2002, 33 (1): 4-5.
18. **Tudor-Locke, C.** Taking steps toward increased physical activity: Using pedometers to measure and motivate. Invited article to the *President’s Council of Physical Fitness and Sports Research Digest*. 2002, 3 (17): 1-8.
19. **Tudor-Locke, C.,** Jones, G.R., Myers, A.M, Paterson, D.H., & Ecclestone, N.A. Contribution of structured exercise class participation to total physical activity in community-dwelling older adults. *Research Quarterly for Exercise and Sport*. 2002, 73 (3): 350-356
20. **Tudor-Locke, C.,** Williams, J.E., Reis, J.P. & Pluto, D. Utility of pedometers for assessing physical activity: Convergent validity. *Sports Medicine*. 2002, 32(12): 795-808.
21. **Tudor-Locke, C.,** Ainsworth, B.E., Thompson, R.W., Matthews, C.E. Comparison of pedometer and accelerometer measures of free-living physical activity. *Medicine and Science in Sports and Exercise*. 2002, 34 (12): 2045-2051.
22. **Tudor-Locke, C.,** Neff, L.J. Ainsworth B.E., Addy, C.L., & Popkin, B.M. Omission of active commuting to school and the prevalence of children’s health-related physical activity levels: The Russian Longitudinal Monitoring Study. *Child: Health Care and Development*. 2002, 29 (6): 507-512.
23. **Tudor-Locke, C.,** Ainsworth B.E., Adair, L.S., & Popkin, B.M. Physical activity in Filipino youth: The Cebu Longitudinal Health and Nutrition Survey. *International Journal of Obesity*. 2003, 27 (2): 181-190.
24. **Tudor-Locke, C.,** Ainsworth B.E., Adair, L.S., & Popkin, B.M. Objective physical activity of Filipino youth stratified for commuting mode to school. *Medicine and Science in Sports and Exercise*. 2003, 35 (3): 465-471.
25. Le Masurier, G.C., & **Tudor-Locke, C.** Comparison of pedometer and accelerometer accuracy under controlled conditions. *Medicine and Science in Sports and Exercise*. 2003, 35 (5): 867-871.
26. **Tudor-Locke, C.,** Ainsworth, B.E., Adair, L., Du, S. & Popkin, B.M. Physical activity and inactivity in Chinese school-aged youth: The China Health and Nutrition Survey. *International Journal of Obesity*. 2003, 27 (9): 1093-1099.
27. **Tudor-Locke, C.,** Ainsworth, B.E., Whitt, M.C., Thompson, R., Addy, C.L., & Jones, D.A. Pedometer-assessed ambulatory activity and cardiorespiratory fitness. *Canadian Journal of Applied Physiology*. 2003, 28 (5): 699-709.
28. **Tudor-Locke, C.,** Henderson, K.A., Wilcox, S., Cooper, R.S., Durstine, J.L., Ainsworth, B.E. In their own voices: definitions and interpretations of physical activity. *Women’s Health Issues*. 2003, 13: 194-199.
29. Chan, C.B., Spangler, E., Valcourt, J. & **Tudor-Locke, C.** Cross-sectional relationship of pedometer-determined ambulatory activity to indicators of health. *Obesity Research*. 2003, 11 (12): 1563-1570.

30. **Tudor-Locke, C.** & Bassett Jr., D.R. How many steps/day are enough? Preliminary pedometer indices for public health. *Sports Medicine*. 2004, 34 (1): 1-8.
31. **Tudor-Locke, C.**, Bell, R.C., Myers, A.M., Harris, S.B., Ecclestone, N.A., Lauzon, N., & Rodger, N.W. Controlled outcome evaluation of the First Step Program: A daily physical activity intervention for individuals with Type 2 diabetes. *International Journal of Obesity*. 2004, 28 (1): 113-119.
32. Cyarto, E.V., Myers, A.M. & **Tudor-Locke, C.** Pedometer accuracy in nursing home and community-dwelling older adults. *Medicine and Science in Sports and Exercise*. 2004, 36 (2): 205-209.
33. **Tudor-Locke, C.**, Williams, J.E., Reis, J.P. & Pluto, D. Utility of pedometers for assessing physical activity: Construct validity. *Sports Medicine*. 2004, 34 (5): 281-91.
34. Le Masurier, G.C., Lee, S.M., & **Tudor-Locke, C.** Motion sensor accuracy under controlled and free-living conditions. *Medicine and Science in Sports and Exercise*. 2004, 36 (5): 905-10.
35. **Tudor-Locke, C.**, Pangrazi, R.P., Corbin, C.B., Rutherford, W.J., Vincent, S.D., Raustorp, A., Tomson, L.M., & Cuddihy, T.F. BMI-referenced standards for recommended pedometer-determined steps/day in children. *Preventive Medicine*. 2004, 38 (6):857-864.
36. Whitt, M.C., Ainsworth, B.E., DuBose, K.D., & **Tudor-Locke, C.** Walking patterns in a sample of African American, Native American, and Caucasian women: The Cross Cultural Activity Participation Study. *Health Education and Behavior*. 2004, 31 (4 Suppl 1): 45-56.
37. **Tudor-Locke, C.**, Ham, S.A., Macera, C.A., Ainsworth, B.E., Kirtland, K.A., Reis, J.P., & Kimsey Jr., C.D. Descriptive epidemiology of pedometer-determined physical activity. *Medicine and Science in Sports and Exercise*. 2004, 36 (9): 1567-1573.
38. Williams, J.E., Sargent, R.G., Kirkner, G.J., Evans, A.E., & **Tudor-Locke, C.** Body mass index, body size perceptions and weight management intentions of adolescent females in SC high schools, *The eJournal of the South Carolina Medical Association*. 2004, 100 (9e): 251e-257e.
39. **Tudor-Locke, C.**, Lind, K.A., Reis, J.P., Ainsworth, B.E., & Macera, C.A. Preliminary evaluation of pedometer-assessed physical activity self-monitoring survey. *Field Methods*. 2004, 16 (4), 422-438.
40. Chan, C.B., Ryan, D.A.J., & **Tudor-Locke, C.** Health benefits of a pedometer-based physical activity intervention in sedentary workers. *Preventive Medicine*. 2004, 39 (6): 1215-1222.
41. **Tudor-Locke, C.**, Bassett, D.R Jr., Swartz, A.M., Strath, S.J., Parr, B.J., Reis, J.P., DuBose, K.D., & Ainsworth, B.E. One year of pedometer self-monitoring. *Annals of Behavioral Medicine*. 2004, 28 (3): 158-162.
42. **Tudor-Locke, C.**, Burkett, L. Reis, J.P., Ainsworth, B.E., & Macera, C.A. How many days of pedometer monitoring predict weekly physical activity in adults? *Preventive Medicine*, 2005, 40 (3): 293-298.
43. **Tudor-Locke, C.**, Bittman, M., Merom, D., & Bauman, A. Patterns of walking for transport and exercise: a novel application of time use data. *International Journal of Behavioral Nutrition and Physical Activity*. 2005, 2 (1): 5.

44. Willardson, J.M., & **Tudor-Locke, C.** Survival of the strongest: A brief review examining the association between muscular fitness and mortality. *Journal of Strength and Conditioning*. 2005, 27 (3): 80-85.
45. Chan, C.B., Spierenburg, M., Ihle, S.L., & **Tudor-Locke, C.** Using pedometers to measure physical activity in dogs, *Journal of the American Veterinary Medical Association*. 2005, 226 (12): 2010-2015.
46. Johnson, S.T., **Tudor-Locke, C.**, McCargar, L.J., & Bell, R.C. Measuring habitual walking speed of people with Type 2 diabetes: Are they meeting recommendations? *Diabetes Care*. 2005, 28 (6): 1503-1504.
47. Ainsworth, B.E., & **Tudor-Locke, C.** Health and physical activity research as represented in *RQES, Research Quarterly for Exercise and Sports*. 2005, 72 (Suppl. 2): S40-S52.
48. Jordan, A., Jurca, G.M., **Tudor-Locke, C.**, Church, T.S., & Blair, S.N. Linking pedometer indices to weekly physical activity public health recommendations for sedentary postmenopausal women. *Medicine and Science in Sports and Exercise*. 2005, 37 (9):1627-1632.
49. Kang, M., Zhu, W., **Tudor-Locke, C.**, & Ainsworth, B.E. Experimental determination of effectiveness of an individual information-centered approach in recovering step-count missing data. *Measurement in Physical Education and Exercise Science*. 2005, 9 (4): 233-250.
50. **Tudor-Locke, C.**, Sisson, S.B., Collova, T., Lee, S.M., Swan, P.D. Pedometer-determined step count guidelines for classifying walking intensity in a young ostensibly healthy population, *Canadian Journal of Applied Physiology*. 2005, 30 (6): 666-676.
51. Lee, S.M. & **Tudor-Locke, C.** Active versus passive commuting to school: what children say. *American Journal of Health Studies*. 2005, 20 (3-4): 212-218.
52. Sisson, S.B., Lee, S.M., Burns, E.K., **Tudor-Locke, C.** (2006). Suitability of commuting by bicycle to Arizona elementary schools. *American Journal of Health Promotion*. 2006, 20 (3): 210-213.
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 96. **Tudor-Locke, C.**, Schuna Jr.: J.M. Swift, D.L. Hendrick, C. Martin, C.K, Church, T.S., & Johnson, W.D. Free-living cadence (steps/min) values associated with traditional accelerometer activity count cut points. International Conference on Ambulatory Monitoring of Physical Activity and Movement. Amherst, Massachusetts, June 2013. Conference Proceedings.
 97. Barreira, T. V., Harrington, D.M., **Tudor-Locke, C.**, Schuna, J.M., Champagne, C.M., Broyles, S.T., et al. Post intervention differences in steps accumulated at moderate intensity cadences. AAHPERD National Convention, St. Louis, Missouri, April 2014.
 98. **Tudor-Locke, C.**, Schuna Jr., J.M., Solmon, M., Baker, B.L., & Johnson, W.D. Free-living accelerometer-determined time spent at or above individualized normal cadence in children by BMI-defined weight status. International Society of Behavioral Nutrition and Physical Activity Annual Conference, San Diego, California, May 2014. Conference Proceedings.
 99. **Tudor-Locke, C.**, Elevating energy expenditure with workstation alternatives. Part of a symposium titled: What is the evidence that alternative workstations can increase energy expenditure for office workers? International Society of Behavioral Nutrition and Physical Activity Annual Conference, San Diego, California, May 2014. Conference Proceedings.

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103. Schuna Jr., J.M., Barreira, T.V., Proenca, M., & **Tudor-Locke, C.** Effect of epoch length on patterns of stepping cadence in fourth-grade school children. American College of Sports Medicine Annual Conference, Orlando, Florida, May 2014. *Medicine and Science in Sport and Exercise*, 2014, 46 (suppl. 5): S392.
104. **Tudor-Locke, C.**, & Barreira, T. V. Tutorial: How fast is enough? Can we set cadence (steps/min) indices for ambulatory behavior? American College of Sports Medicine Annual Conference, Orlando, Florida, May 2014.
105. **Tudor-Locke, C.** A pragmatic approach: Walk more, sit less, and exercise. Part of a tutorial lecture titled: Walk more, sit less, or exercise – What is important for health? American College of Sports Medicine Annual Conference, Orlando, Florida, May 2014.
106. Martin, C., Johnson, W., Myers, C., Apolzan, J, Earnest, C, **Tudor-Locke, C.**, Johannsen, N., Harris, M., & Church, T. E-Mechanic: Results of a randomized controlled trial to identify the mechanisms of exercise-induced weight compensation . Proceedings from the 33rd Annual Scientific Meeting of The Obesity Society, T-P-LB-3878, S481.
107. **Tudor-Locke, C.**, & John, Dinesh. Tutorial: Changing the way we work: Workstation alternatives to conventional seated desks. American College of Sports Medicine Annual Meeting, San Diego, California, USA., May 2015.
108. Barreira, T. V., Schuna, J. M., Jr., Mire, E. F., **Tudor-Locke, C.**, & Katzmarzyk, P. T. Beyond moderate-to-vigorous physical activity: Comparisons of 24 h accelerometer measured activities in ISCOLE U.S. American College of Sports Medicine Annual Meeting, San Diego, California, USA., May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S110.
109. Schuna, J.M., Barreira, T., & **Tudor-Locke, C.** Evaluation Of the step censoring method in refining steps/day estimates from the ActiGraph GT3X+ accelerometer. American College of Sports Medicine Annual Meeting, San Diego, California, USA, May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S429.
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112. Wanigatunga, A.A., Ambrosius, W.T., McDermott, M.M., King, A.C., fielding, r.A., Glynn, N.W., Guralnik, J.M., **Tudor-Locke, C.**, Gill, T.M., Hire, D.G., Pahor, M., & Manini, T.M. Effects of a long-term physical activity program on accelerometry-based sedentary time in older adults. American College of Sports Medicine Annual Meeting, San Diego, California, USA. May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S5.15-516.
113. Mohler, C.M., Broyles, S.T., Drazba, K.T., Dentre, K., Sothorn, M., **Tudor-Locke, C.**, & Katzmarzyk, P.T., Living within a walkable distance to school and school socioeconomic factors determine active commuting (ISCOLE-US). American College of Sports Medicine Annual Meeting, San Diego, California, USA, May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S527.
114. **Tudor-Locke, C.**, Schuna, J. M., Jr., Swift, D. L., Dragg, A. T., Davis, A. B., Martin, C. K., Larrivee S., Johnson, W. D., & Church, T. S.. Accelerometer-determined outcomes and sample size requirements with pedometer-based interventions differing on intensity messages. American College of Sports Medicine Annual Meeting, San Diego, California, USA, May 2015. American College of Sports Medicine Annual Meeting, San Diego, California, USA., May 2015. *Medicine and Science in Sport and Exercise*, 2014, 47 (suppl. 5): S707.
115. Araujo, T., Oliveira, L.C., Ferrari, G., Matsudo, V., Barreira, T.V., Mire, E., **Tudor-Locke, C.**, & Katzmarzyk, P.T., Socioeconomic status indicators and accelerometer-determined physical activity in Brazilian children. American College of Sports Medicine Annual Meeting, San Diego, California, USA., May 2015. *Medicine and Science in Sport and Exercise*, 2014, 47 (suppl. 5): S918.
116. Schuna, J., Barriera, T., & **Tudor-Locke, C.** An evaluation of the “clock drift” phenomenon with the ActiGraph accelerometer. Presented at: International Conference on Ambulatory Monitoring of Physical Activity and Movement, Limerick, Ireland, June 2015.
117. **Tudor-Locke, C.**, Schuna, J., Swift, D., Larrivee, S., Martin, C., Johnson, W. Church, T. (June, 2015). Steps/day screening strategy and thresholds for a clinical exercise trial. Presented at: International Conference on Ambulatory Monitoring of Physical Activity and Movement, Limerick, Ireland, June, 2015
118. **Tudor-Locke, C.**, Schuna, J., Swift, D., Larrivee, S., Martin, C., Johnson, W. Church, T. Relationship between changes in MVPA time and peak 30-min cadence. Presented at: International Conference on Ambulatory Monitoring of Physical Activity and Movement, Limerick, Ireland, June 2015.
119. Barreira, T. V., Schuna, J. M., Jr., Chaput, J. P., Church, T., Fogelholm, M., Hu, G., Kuriyan, R., Lambert, E., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Kurpad, A., Sarmiento, O., Standage, M., **Tudor-Locke, C.**, Tremblay, M., Zhao, P., &

- Katzmarzyk, P. Reliability of accelerometer-determined moderate-to-vigorous physical activity in children: A 12 country study. Presented at: International Conference on Ambulatory Monitoring of Physical Activity and Movement, Limerick, Ireland, June 2015.
120. Han, H., Schuna, J., Johnson, W., & **Tudor-Locke, C.** Accelerometer-determined step counts in simulated free-living activities in children and adolescents: Cadence-kids. American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):1058.
 121. **Tudor-Locke, C.**, Schuna, J.M. Jr., Han, H., Larrivee, S., Hsia, D.S., & Johnson, W.D. The relationship between steps/min and intensity on a treadmill in children and adolescents: Cadence-kids: American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):1057-8
 122. Schuna, J.M., Hsia, D.S., Johnson, W.D., & **Tudor-Locke, C.** Effect of raw acceleration filtering methods on the relationship between accelerometer outputs and energy expenditure. American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):813.
 123. Johannsen, N., Harris, M.N., Hawkins, K., Apolzan, J., **Tudor-Locke, C.**, Earnest, C.P., Martin, C., & Church, T.S. Exercise Training Impact On The Accuracy Of The ACSM's Equations To Estimate Energy Expenditure: American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):547.
 124. Green, M.A., Busa, M., Schuna, J., **Tudor-Locke, C.** Energy expenditure associated with Froude number and traditional speed measures in children and adolescents. American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):374.
 125. Barreira, T.V., Schuna, J.M. Jr., Martin, C.K., Church, T.S., Johnson, W.D., & **Tudor-Locke C.** Actigraph does not detect increases in steps/day when compared to pedometer. American College of Sports Medicine Annual Meeting, Boston, MA, May/June 2016. *Medicine and Science in Sport and Exercise*. 2016 May;48(5 Suppl 1):314.
 126. **Tudor-Locke, C.**, Schuna, J.M. Jr., Barreira, T.V., Mire, E.F., Broyles, S.T., Katzmarzyk, P.T., Johnson, W.D. Reference peak 30-min cadence values for older adults: NHANES 2005-2006. Gerontological Society of America Annual Meetings, New Orleans, Louisiana, November 2016.

7. INVITED TALKS AND LECTURES:

1. **Tudor-Locke, C.** Enhancing exercise compliance. A realistic exercise program. Presented at the Canadian Diabetes Association Annual Conference, London, Ontario, October, 1997.
2. **Tudor-Locke, C.** Using pedometers to measure physical activity in typically sedentary populations. School of Public Health, University of South Carolina, July, 1999.

3. **Tudor-Locke, C.** Using pedometers to measure and motivate people to become more physically active. South Carolina Prevention Partner's Health at Work Conference, December 2000.
4. **Tudor-Locke, C.,** Practical pedometry for physical activity assessment and motivation. Centers for Disease Control and Prevention, Atlanta, Georgia, May 2001.
5. **Tudor-Locke, C.** Using pedometers to measure and motivate. University of Prince Edward Island, June 2002.
6. **Tudor-Locke, C.** Interpreting physical activity variables from the Cebu Longitudinal Health and Nutrition Survey, University of North Carolina, June 2002.
7. **Tudor-Locke, C.** Using pedometers to measure and motivate physical activity. University of Calgary, July 2002.
8. **Tudor-Locke, C.** Using pedometers for measurement and motivation, Cooper Aerobic Research Institute, Dallas, Texas, July 2003.
9. **Tudor-Locke, C.** The art and science of using pedometers for measurement and motivation. University of Sydney, August 2003.
10. **Tudor-Locke, C.** Using pedometers for measurement and motivation. University of Utah, February 2004.
11. **Tudor-Locke, C.** Using pedometers for measurement and motivation. University of North Carolina at Greensboro, February 2004.
12. **Tudor-Locke, C.** How many steps are enough? Oerias City Council Annual Conference: Obesity and Weight Control: Problems and Solutions, Oerias, Portugal, May 2004.
13. **Tudor-Locke, C.** From research to practice: Theory-based physical activity intervention for individuals with Type 2 diabetes. American College of Sports Medicine, Indianapolis, June 2004.
14. **Tudor-Locke, C.** Using pedometers for measurement and evaluation. Korean Association of Health, Physical Education, and Recreation. Daejon, Korea, June 2004.
15. **Tudor-Locke, C.** Interpreting physical activity variables. Korean National Sport University. Soeul, Korea, June 2004.
16. **Tudor-Locke, C.** Patterns of walking for exercise and transport: A unique application of time use data. The Food & Eating Consequences of Time Use Decision: A Research and Policy Conference. Economic Research Service, U.S. Department of Agriculture and the Farm Foundation, Washington, DC, July 2004.
17. **Tudor-Locke, C.,** Craig, C.L., Plotnikoff, R. & Bauman, A. Evaluation of quality of commercial pedometers. Canada On the Move: Step Two, Toronto, Ontario, Canada, September, 2004.
18. **Tudor-Locke, C.** Issues in measuring walking for transportation purposes. Light Rail Interest Group, Arizona State University Tempe Campus, November 2004.
19. **Tudor-Locke, C.** The use of pedometers for measuring and promoting physical activity. Department of Exercise and Nutritional Sciences, San Diego State University, February, 2005.
20. **Tudor-Locke, C.** Current pedometer guidelines for adults. American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, April 2005.
21. **Tudor-Locke, C.** Protocols for pedometer-determined activity. Southwest American College of Sports Medicine, Las Vegas, November, 2005.

22. **Tudor-Locke, C.**, Practical pedometry. National Institutes of Health/ National Cancer Institute, Cancer Prevention and Control Colloquium Lecture, Rockville, DC, May 2005.
23. **Tudor-Locke, C.**, Pedometers and physical activity promotion: Uses and abuses in public health. Centers for Disease Control and Prevention, Atlanta, Georgia, August 2005.
24. **Tudor-Locke, C.**, How many steps a day? Adult health standards. Walking for Health: Measurement and Research Issues and Challenges. Champaign, Illinois. October, 2005.
25. **Tudor-Locke, C.** Development of a lifestyle program for type 2 diabetes: All the hard work needed to create something so simple. Canadian Diabetes Association National Conference, Edmonton, Alberta, Canada, October 2005.
26. **Tudor-Locke, C.** Pedometers and public health. Division of Nutrition and Physical Activity, Department of health and Human Services, Centers for Disease Control and Prevention, National Teleconference, December 2005.
27. **Tudor-Locke, C.** 10.000 steps/day are enough for health? CELAFISCS & AGITA SÃO PAULO Walking Forum, Sao Paulo, Brazil, February 2006.
28. **Tudor-Locke, C.** Steps recommendation for special groups: children, elderly and diabetes patients. CELAFISCS & AGITA SÃO PAULO Walking Forum, Sao Paulo, Brazil, February 2006.
29. **Tudor-Locke, C.** The art and science of pedometers in the walking prescription CELAFISCS & AGITA SÃO PAULO Walking Forum, Sao Paulo, Brazil, February 2006.
30. **Tudor-Locke, C.** From research to practice, the art and science of pedometry: How many steps are enough? International Congress on Physical Activity and Health, Atlanta, Georgia, April 2006.
31. **Tudor-Locke, C.**, Assessing physical activity. NIH Exposure Biology Workshop, Greensboro, North Carolina, May 2006.
32. **Tudor-Locke, C.** Working collaboratively in research. Fall Scholarship Forum, Center for Healthy Outcomes in Aging, Arizona State University, College of Nursing and Healthcare Innovation, October, 2006.
33. **Tudor-Locke, C.**, The art and science of pedometers in the walking prescription. Perspectives in Exercise, Health, and Fitness hosted by the Alberta CSEP health and Fitness Program and the Provincial Fitness Unit, Kananaskis, Alberta, November 2006.
34. **Tudor-Locke, C.** Walking: A woman's way to health. Miller Lecture, Women's Health Awareness Week, Mississippi University for Women, Columbus, Mississippi, February, 2007.
35. **Tudor-Locke, C.**, Practical pedometry in young populations. Stockholm, Sweden, March 2007.
36. **Tudor-Locke, C.**, Practical pedometry: Measurement of walking, University of Manitoba, Winnipeg, Manitoba, Canada, March, 2007.
37. **Tudor-Locke, C.**, Fighting the obesity epidemic: How many steps are enough? University of Western Australia, Perth, Australia, September 2007.
38. **Tudor-Locke, C.**, Objective monitoring instrumentation: Options and Choices. Sports Medicine Australia National Conference, Adelaide, Australia, October 2007.
39. **Tudor-Locke, C.**, Using pedometers to measure and promote physical activity in adults. Sports Medicine Australia National Conference, Adelaide, Australia, October 2007.

40. **Tudor-Locke, C.**, Pedometry in young populations. Deakin University, Melbourne, Australia, October 2007.
41. **Tudor-Locke, C.**, Pedometry in children. University of Queensland, St. Lucia Campus, Brisbane, Australia, November 2007.
42. **Tudor-Locke, C.**, The First Step Program: A theory-based, pedometer-driven, daily physical activity intervention. University of Queensland, Herston Campus, Brisbane, Australia, November 2007.
43. **Tudor-Locke, C.**, Using pedometers to measure and promote physical activity in adults. University of Wollongong, Wollongong, New South Wales, November 2007.
44. **Tudor-Locke, C.**, How many steps are enough? University of Sydney, Sydney, New South Wales, Australia, December 2007.
45. **Tudor-Locke, C.**, Objective monitoring instrumentation: Options and choices. University of Sydney, Sydney, New South Wales, Australia, December 2007.
46. **Tudor-Locke, C.**, The First Step Program: A theory-based, pedometer-driven, daily physical activity intervention. University of Sydney, Sydney, New South Wales, Australia, December 2007.
47. **Tudor-Locke, C.**, Pedometry in children. Auckland University of Technology, Auckland, New Zealand, December 2007.
48. **Tudor-Locke, C.**, Pedometry in children. Pennington Biomedical Research Center, Baton Rouge, Louisiana, December 2007.
49. **Tudor-Locke, C.**, Best practices for using pedometers for measurement and motivation, invited workshop, International Society of Behavioral Nutrition and Physical Activity, Banff, Canada, May, 2008.
50. **Tudor-Locke, C.**, How to use pedometers and other gadgets to implement a global health agenda. CELAFISCS & AGITA SÃO PAULO, Brazil, October 2008.
51. **Tudor-Locke, C.** Objective physical activity assessment: Instrument choices and options. CELAFISCS & AGITA SÃO PAULO, Brazil, October 2008.
52. **Tudor-Locke, C.** Using pedometers to measure physical activity in adults. CELAFISCS & AGITA SÃO PAULO, Brazil, October 2008.
53. **Tudor-Locke, C.** Using pedometers to measure physical activity in young populations. CELAFISCS & AGITA SÃO PAULO, Brazil, October 2008.
54. **Tudor-Locke, C.** Use of pedometers to promote physical activity in clinical populations, Ulster University, Belfast, Ireland, October 2009.
55. **Tudor-Locke, C.** Physical activity promotion in public health: a pedometry perspective. Queen's University, Belfast, Ireland, October 2009.
56. **Tudor-Locke, C.** Use of pedometers to measure and promote physical activity. Strathclyde University, Glasgow, Scotland, October 2009.
57. **Tudor-Locke, C.** What I have learned (so far). Strathclyde University, Glasgow, Scotland, October, 2009.
58. **Tudor-Locke, C.** Using pedometers to measure physical activity in young populations, University of Missouri, Columbia, Missouri, April 2010.
59. **Tudor-Locke, C.** How many steps are enough? University of Missouri, Columbia, Missouri, April 2010.

60. **Tudor-Locke, C.**, Strategies for better health: counting steps. XXXI FIMS Sports Medicine World Congress, San Juan, Puerto Rico, May 2010.
61. **Tudor-Locke, C.**, Using pedometers to quantify your exercise prescription. American Diabetes Association Annual Meeting, Orlando, Florida, June 2010.
62. **Tudor-Locke, C.**, Real world evaluation of physical activity using objective monitors. Childhood Obesity and Public Health Conference, Pennington Biomedical Research Center, Baton Rouge, Louisiana, September 2010.
63. **Tudor-Locke, C.**, Practical approaches to increasing physical activity. Centers for Disease Control, Atlanta, Georgia, March 2011.
64. **Tudor-Locke, C.**, How many steps are enough? New lessons from NHANES accelerometry. Tulane University, Prevention Research Center Seminar Series, New Orleans, Louisiana, April 2011.
65. **Tudor-Locke, C.** Cadence: An overlooked opportunity to measure and motivate ambulatory intensity? Invited Keynote. International Conference on Ambulatory Monitoring of Physical Activity and Movement. Glasgow, Scotland, May 2011.
66. **Tudor-Locke, C.** How many steps are enough? New lessons from NHANES accelerometry data. 3rd Annual Research Workshop, Delta Obesity Prevention Research Unit, University of Arkansas at Pine Bluff, August 2011.
67. **Tudor-Locke, C.** How many steps are enough for children and adolescents? Arkansas Children's Nutrition Center, University of Arkansas for Medical Sciences, Little Rock, Arkansas, September 2011.
68. **Tudor-Locke, C.** Cadence: An overlooked opportunity to measure and motivate ambulatory intensity? Guest Speaker, Faculty of Physical Education and Recreation, University of Alberta, November 2011.
69. **Tudor-Locke, C.** Showcasing career progression: unpacking my career path. International Society of Behavioral Nutrition and Physical Activity, Early Career Workshop, Austin, Texas, May 2012.
70. **Tudor-Locke, C.** NHANES PAM data: What have we learned? Invited presentation as part of the Physical Activity Monitoring Methodologies Preconference Workshop, The Obesity Society Annual Meeting, San Antonio, Texas, September 2012.
71. **Tudor-Locke, C.** A walking tour of my research. Guest Speaker, Department of Exercise and Sport Sciences, College of Health, University of Utah, October, 2012.
72. **Tudor-Locke, C.** Giving elevator speeches to convey your research. Part of the Early Career Workshop at the International Society of Behavioral Nutrition and Physical Activity, Ghent, Belgium, May 2013.
73. **Tudor-Locke, C.** Where is the field of health promotion and education is heading? Department of Health Promotion and Education, College of Health, University of Utah, February 2014.
74. **Tudor-Locke, C.** Changing the way we work: Technological innovation in workplace wellness. Department of Health Promotion and Education, College of Health, University of Utah, February 2014.
75. **Tudor-Locke, C.** Step by step: Brief history of ambulatory activity measurement and its application. University of Basel. Basel, Switzerland, July 2014.

76. **Tudor-Locke, C.** How many steps/day are too few? Be Active National Conference, Canberra, Australia, October 2014.
77. **Tudor-Locke, C.** Elevating energy expenditure with workstation alternatives. Department of Kinesiology, University of Massachusetts at Amherst, November 2014.
78. **Tudor-Locke, C.** Walking and health. Universidade de Guadalajara, April 2015
79. **Tudor-Locke, C.** Introduction to objective monitoring. Universidade de Guadalajara, April 2015
80. **Tudor-Locke, C.** Older adults' objectively monitored walking behavior and the factors that shape them, National Academy of Kinesiology Meeting, Philadelphia, September, 2015.
81. **Tudor-Locke, C.** Walking and health. Universidade de Guadalajara, February 2016.
82. **Tudor-Locke, C.** How many steps/day are enough? Universidade de Guadalajara, February 2016.
83. **Tudor-Locke, C.** Light physical activity, obesity, and health. International Congress on Obesity, Vancouver, Canada, May 2016.
84. **Tudor-Locke, C.** Brief history of step counting in physical activity assessment. Norwegian School of Sport Sciences Annual Research Retreat, Kleivstua, Norway, May 2016.
85. **Tudor-Locke, C.** Changing the way we work: Elevating expenditure with workstation alternatives. University of Massachusetts Boston Nursing and Health Sciences Research Day, May 2016.
86. **Tudor-Locke, C.** Getting the numbers right: step counting indices for practice and policy. Keynote address at Health Enhancing Physical Activity European Conference, September 2016.
87. **Tudor-Locke, C.** How to reliably assess walking in the clinical setting. American Heart Association Annual Meeting, New Orleans, Louisiana, November 2016.

8. COMMERCIALIZATION

Intellectual property held for:

Portable Pedal Desk with Maneuverable Desk Top, including hardware sensor and software to support automated behavior tracking and engagement. Patent filed, subsequently abandoned. Tracking software and programming copyrighted.

TriVit system and methods for visually displaying integrated and real-time movement/non-movement data. Patent pending.

9. SERVICE

Editor/Editorial Boards:

Epidemiology Section Editor, *Research Quarterly for Exercise and Sport*. 2004-2007
 Editorial Board Member, *International Journal of Behavioral Nutrition and Physical Activity*. 2009-present

Guest Editor, Special Supplement on Objective Monitoring in Clinical Populations for *Physical Therapy Reviews*, 2010, 15(3).

Senior Associate Editor, *Journal of Physical Activity and Health*. 2012-2016.

Associate Editor, *Medicine and Science in Sports and Exercise*, 2013-present.

Guest Editor, Special Supplement on Objective Monitoring of Ambulatory Activity, *British Journal of Sports Medicine*, 2014, 48(13).

Ad Hoc Manuscript Reviewer

Applied Physiology and Nutrition Metabolism

American Journal of Epidemiology

American Journal of Physical Medicine and Rehabilitation

American Journal of Preventive Medicine

American Journal of Public Health

American Journal of Lifestyle Medicine

Annals of Internal Medicine

BMC Public Health

British Journal of Sports Medicine

British Medical Journal

Canadian Journal of Applied Physiology

Canadian Journal of Diabetes Care

Canadian Journal on Aging

Chest

Child: Care, Health, and Development

Current Aging Science

European Physical Education Review

Health & Place

Health Psychology

International Journal of Behavioral Medicine

International Journal of Behavioral Nutrition and Physical Activity

International Journal of Environmental Research and Public Health

International Journal of Obesity

JAMA

Journal of Aging and Physical Activity

Journal of Cardiopulmonary Rehabilitation

Journal of Child Health Care

Journal of Epidemiology and Community Health

Journal of Leisure Research

Journal of Physical Activity and Health

Measurement in Physical Education and Sport

Medicine and Science in Sport and Exercise

Obesity

Obesity Reviews

Osteoporosis International

PLoS ONE

Pediatric Exercise Science
Pediatrics
Physical Therapy Reviews
Preventive Medicine
Public Health Nutrition
Respirology
Research Quarterly for Exercise and Sport
Saudi Medical Journal
Sports Medicine
Sustainability: Science, Practice, Policy

Committee Assignments

International

Advisory Committee in the development of *International Leadership Training Guidelines to Prepare Physical Activity Instructors of Older Adults*, presented at the 6th World Congress on Aging and Physical Activity, August 2004

International Society of Behavioral Medicine, Membership Sub-Committee (2011- 2014)

International Study of Children's Obesity, Lifestyle, and Environment, Accelerometer Workgroup, 2012-2015.

National

American College of Sports Medicine
 Task Force on Health Air Travel (Member) 2005-2008
 Communications and Public Information 2007- present
 Health-Fitness Content Advisory Committee 2007 – 2010
 Board of Trustee Member 2008-2011

Lifestyle Interventions for Elderly, Accelerometer Workgroup, 2011-2015.

Sector Advisory Panel Member for the Business and Industry Sector of the National Physical Activity Plan, 2013 – 2015

Local

Ontario Chapter: The Canadian Evaluation Society, 1996-1998
 American Heart Association, Greater Southeast Affiliate Research Committee, 2013- 2015

Institution		
1997-1998	Graduate Affairs Committee (Student representative)	Department of Health Studies and Gerontology University of Waterloo
1997-1998	Graduate Affairs Committee (Student representative)	Faculty of Applied Health Studies University of Waterloo
1997-1999	Graduate Orientation Committee	Department of Health Studies and Gerontology University of Waterloo
1999	Development of Graduate Teaching Assistant Manual	Faculty of Applied Health Studies University of Waterloo
2001-2002	Department Bylaws Committee	Department of Exercise and Wellness Arizona State University
2001-2002	Health Promotion Track Committee	Department of Exercise and Wellness Arizona State University
2001-2002	Applied Biology Program Committee	Arizona State University East College
2002-2004	Colloquium Series Coordinator	Department of Exercise and Wellness Arizona State University
2002	Search Committee Health Promotion Technology	Department of Exercise and Wellness Arizona State University
2002-2008	Personnel Committee (Chair of Committee in 2006)	Department of Exercise and Wellness Arizona State University
2002-2005	Undergraduate Curriculum Committee	Department of Exercise and Wellness Arizona State University
2003-2004	Faculty Fellow	Arizona State University
2003-2004	Self-study Committee	Department of Exercise and Wellness Arizona State University
2004-2005	Academic Program Review	Department of Exercise and Wellness Arizona State University
2004-2007	Committee of Review	East College Assembly Arizona State University
2005-2007	Governance Grievance Committee	East Academic Assembly Arizona State University
2006	Search Committee Chair Biostatistics/Measurement Position	Department of Exercise and Wellness Arizona State University
2006	Faculty Advisor to Healthy Lifestyles Research Conference	Department of Exercise and Wellness Arizona State University
2007	Search Committee Chair Health Promotion Technology Position	Department of Exercise and Wellness Arizona State University
2007	Search Committee Member Department Chair	Department of Exercise and Wellness Arizona State University
2008-2015	Wellness Committee Member	Pennington Biomedical Research Center
2011-2015	Library Services Advisory Committee Member	Pennington Biomedical Research Center
2012	Co-Chair, United Way Campaign	Pennington Biomedical Research Center
2014	Co-coordinator, Physical Activity/Sedentary Behavior Interest Group	Pennington Biomedical Research Center
2014	Pennington representative to NEXT-Net	Pennington Biomedical Research Center

2015-present	Dean's Executive Council member	School of Public Health and Health Sciences University of Massachusetts Amherst
2015-present	Advisory Board member	School of Public Health and Health Sciences University of Massachusetts Amherst

Grant Reviewing

AAHPERD Research Consortium Grant Reviewer (2001)
 Southwest ACSM Annual Conference Abstract Reviewer (2002)
 Scientific Advisory Board, NIH-funded project "Increasing Non-Motorized Travel to School," 2003
 Canadian Diabetes Association Applied Research Grant Reviewer (2003, 2005)
 Research Grants Council of Hong Kong Grant Reviewer (2003)
 St Joseph's Hospital and Medical Center Community Health and Wellness Grants Reviewer (2003)
 NIH Psychosocial Risk and Disease Prevention, study section ad hoc reviewer (2011)
 BUPA Foundation, The Medical Research Charity U.K. (2012)
 Ohio University Research Committee Internal Grant Awards (2012)

Consultant Positions

Program Evaluator, Kyrene School Board, 2004-2007
 Consultant, Caminamos, San Diego State University, 2004-2007
 Consultant, Physical Education Department, Arizona State University 2010
 Consultant, Public Health Agency of Canada, 2010

Clinical Services

Not Applicable

Conference Organization

Scientific Program Committee. Walking for Health: Measurement and Research Issues and Challenges. Urbana-Champaign, October, 2005.
 Program Committee, 3rd International Congress on Physical Activity and Public Health, Toronto, Canada, May 2010.
 Scientific Program Committee. International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Glasgow, Scotland, May 2011.
 Early Career Workshop, International Society of Behavioral Nutrition and Physical activity, Austin, TX, May 2012.

Scientific Program Committee. International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Amherst, MA, May 2013.

Scientific Program Committee. International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Limerick, Ireland, June 2015.

Scientific Program Committee. International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Bethesda, Maryland, to be held June 2017.

. TEACHING AND MENTORING

Courses Taught

Undergraduate

Exercise Physiology (Dalhousie University)

Introduction to Gerontology (University of Waterloo)

Foundations of Exercise and Wellness (Arizona State University)

Health Behavior Change (in-class and on-line versions) (Arizona State University)

Health Promotion and Program Evaluation (in-class and hybrid versions) (Arizona State University)

Epidemiology (in-class, on-line, and hybrid versions) (Arizona State University)

Introduction to Wearable Technologies in Physical Activity and Health (University of Massachusetts Amherst)

Graduate

Health Behavior Change (Arizona State University)

Health Program Evaluation (Arizona State University)

Health Promotion Theory (Arizona State University)

Exercise Epidemiology (Arizona State University)

Physical Activity and Nutrition Epidemiology (Arizona State University)

Principles of Epidemiology (WP Carey School of Business, Arizona State University)

Infectious Disease Epidemiology (WP Carey School of Business, Arizona State University)

In addition, I was awarded a competitive contract to develop a cross-listed (with the Department of Gerontology on the ASU West Campus) graduate level on-line course in Physical Activity and Aging. This course was developed during the summer of 2007, with a release (to be taught by Dr. Cheryl Der Ananian, newly hired Assistant Professor) in the spring of 2008.

Graduate Students Supervised***DOCTORAL STUDENTS' CHAIR***

<u>Student</u>	<u>Title</u>	<u>Completion</u>
Sarah M. (Keup) Lee	The walking suitability of elementary schools: implications for active commuting	May 2004; CDC
Susan (White) Sisson	Analysis of the environments related to cycling behavior on a university campus	May 2006; Post –doc, University of South Carolina; Pennington Biomedical Research Center, Louisiana; University of Oklahoma Health Science Center
James McClain	Effect of epoch length on physical activity intensity outputs from the Actigraph accelerometer in children	May 2007: Post-doc, Johns Hopkins University; National Cancer Institute
Teresa (Abraham) Hart	Comparison of physical activity and sedentary behavior as assessed by accelerometers and a self-report record	May 2009 Post-doc University of Wisconsin-Madison; Arizona State University

MASTERS STUDENTS' CHAIR

<u>Student</u>	<u>Title</u>	<u>Completion</u>
Kelly M. Elsenbaumer	Accuracy of pedometers in adults stratified by body mass index category	May 2003; University of Washington
Jennifer Mrozek	Pedometer Assessed Physical Activity and Functional Fitness in Older Adults	May 2004: Entrepreneur
Jodi Hipke	Reliability of pedometers under controlled and free-living conditions	May 2004: Director Human Resources for U-Haul USA
Melissa Farnsworth	<i>ActivPAL</i> activity monitor versus self-reported activity records in middle-aged women	May 2008
Rene Getz	Commuting in a car, physical activity, and overweight and obesity in adults	May 2008

Theses and Dissertation Committees***DOCTORAL STUDENTS' COMMITTEE MEMBER***

<u>Student</u>	<u>Title</u>	<u>Completion</u>
Stephen D. Ball	Accuracy of anthropometry compared to dual energy x-ray absorptiometry: a new generalizable equation	March 2002: University of St. Louis
Cara Lynn Sidman	Promoting physical activity among sedentary women using pedometers	March 2002; James Madison University
Bridgette Wilde	Activity patterns of high school students assessed by a pedometer and a national activity questionnaire	April 2002; Maricopa College
Veronique Pepin	Functional fitness of older coronary patients: Response to outpatient cardiac rehabilitation	May 2003; Hopital Laval
Kimberly McGee	Physical activity habits of former NFL players	May 2004; University of Arizona
Guy Le Masurier	Pedometer Determined Physical Activity Levels of Middle School Students	May 2004; Penn State
Kendy Kucska	An Examination of the Variability of Physical Activity, Obesity, and Social Psychological Factors in Adolescents	May 2005
Jake Havenar	An analysis of the effectiveness of physical activity counseling (PAC) on long term physical activity adherence	May 2007

MASTERS STUDENTS' COMMITTEE MEMBER

<u>Student</u>	<u>Title</u>	<u>Completion</u>
Robert Ozdoba	Does reactivity exist in children when measuring activity levels with open pedometers?	April 2002; Teacher
Teresa Lynn Abraham	An intervention aimed at worksite health promotion program drop-outs	November 2002; Personal Trainer
Kelly B. Lynch	Step counts on basketball days versus non-basketball days: testing compensation	May 2003; Personal Trainer
Kristen E. Maloney	Physical activity assessment of children using pedometers	May 2003; Teacher
Christine Reese	Chronic disease risk factors throughout the life cycle of active and sedentary women	Dec 2004; Registered dietician
Nancy Litterman Howe	A Worksite-Based Intervention Designed to Increase Adherence to Physical Activity Programs	Dec 2005; Research coordinator

Mentoring of Postdoctoral Fellows

Mentoring Committee Member for Jean Gabrielle, Sarah Camhi, Tiago Barreria, Neil Johannsen, Damon Swift - Pennington Biomedical Research Center 2008 to 2015

John M. Schuna, Jr. 2012 to 2014

Ho Han, 2015 to present

Jongil Lim, 2015 to present

Michael Busa, 2015 to present

Elroy Aguiar, 2015 to present

Other: Mentoring of Visiting International Scholar

Lauren Frensham, Australia, 2012

Mahara Proenca, Brazil, 2013 to 2014

Gerson Ferrari, Brazil, 2014

Knut-Erik Dalene, 2016

Guilherme Tacao, Brazil, 2016-2017