

CURRICULUM VITAE

Catrine Tudor-Locke, PhD, FACSM, FNAK
Dean, College of Health and Human Services
University of North Carolina at Charlotte
9201 University City Blvd., Charlotte, NC 28223
Email: Tudor-Locke@uncc.edu

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 2018

Workplace and Professional Training

Supervisor Leadership Development Program	Harassment and Discrimination
Budgeting	Intro to Anti-Bullying
Union Contracts	Leadership Enhancement for Academic Departments Program (LEAD)
Harvard Program on Negotiation (Difficult Conversations)	
Support Program for Chairs/Heads:	Rights, Responsibilities, and Authority of Chair; Role in Major Personnel Actions
Supporting and Managing Departmental Staff and Graduate Student Employees	Psychology of Employee/Faculty Complaints
Research Administration Mentorship Program	Environmental Health & Safety for Managers
Workers Compensation for Managers	Diagnosing & Delivering Corrective Feedback for Managers
Professional Development Options	
EHRA Position Management & Compensation for Managers	

2. PROFESSIONAL/ACADEMIC 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- 2019	Professor	Department of Kinesiology, University of Massachusetts Amherst
2015-present	Adjunct Faculty	Pennington Biomedical Research Center
2015-2019	Affiliated Faculty	Center for Personal Health Monitoring, Institute of Applied Life Sciences, University of Massachusetts Amherst
2019-present	Adjunct Faculty	Department of Kinesiology School of Public Health and Health Sciences University of Massachusetts Amherst

3. ADMINISTRATIVE ASSIGNMENTS

2015- 2017 Chair, Department of Kinesiology
University of Massachusetts Amherst

- Established a process to electronically archive all major Department documents
- Negotiated tenure year decision extension for Assistant Professor due to lab delay
- Negotiated Provost support for building cold room in support of basic science research
- Negotiated Provost support for needed class laboratory and office alterations
- Successfully advocated for accounting of non-traditional teaching as part of instruction load
- Developed and taught a model Honors Thesis Seminar course
- Expanded summer continuing professional education course offerings
- Successfully championed faculty for on-campus teaching and research awards
- Successfully advocated for front office administration staff promotions
- Established dedicated space for undergraduate teaching assistants
- Established a campus precedent with Graduate Studies for dealing with TA personnel issues
- Found sufficient costs savings to buffer immediate cuts as called for by higher administration

- Re-organized student award information and tracking templates
- Implemented successful external review and hosted campus visit
- Secured funds to support a collaborative investigator-initiated grant-related workshop
- Implemented skype/remote interactions with external scholars and NIH program officers
- Implemented a program to pay for external reviewers for grants

2017-2019 Associate Dean for Research and Administration, School of Public Health and Health Sciences, University of Massachusetts Amherst

- Re-organized Research Administration Office, hiring eight new staff
- Oversaw training during orientation, continued professional development, and team building
- Developed web portals for receiving service requests and service satisfaction surveys
- Set up standard operating procedures for pre-award and post-award services
- Established a welcoming process to on-board new faculty to services offered by Research Administration Office
- Automated quarterly grant submission and award reports for School and each Department
- Automated weekly “proposals in process” reports
- Worked with IT Office to develop ticketing system and address campus wide research compliance needs related to high speed, secure computing systems
- Established an Ad Hoc Faculty Technology Committee to catalog needs
- Established a process for all faculty candidates to build IT needs into startup requests
- Re-established the Faculty Research Committee and supported their faculty development efforts
- Worked with Research Development office to offer new faculty workshops: Road-mapping for Tenure Track Faculty, NIH Clinical Trials Requirements, NIH Open Access Publishing Requirements, K Award Panel, F31/F32 Administration Workshop
- Established a tradition of socially meeting with new faculty one-on-one in the Fall semester to initiate a relationship and assess research related needs
- Initiated weekly email grant-writing and research management-related tips
- Initiated a Research Scholar’s Program (monthly lunch panels) for group mentoring of early career and on-boarding faculty
- Initiated School-wide Work in Progress events for funded faculty to share their research
- Oversaw Dean’s research incentive and professional development awards
- Initiated a Dean’s Summer PhD Fellowship Program

2019-present Dean, College of Health and Human Services, University of North Carolina at Charlotte

4. PROFESSIONAL ORGANIZATION MEMBERSHIPS:

- American Alliance of Health, and Physical Education, and Dance (past)
- American Diabetes Association (past)
- American Evaluation Society (past)
- American Heart Association (past)
- 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)

5. 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

6. 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, 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
Tudor-Locke, C. (PI)	NIH (NIA)	\$2,263,340	2015-2020	Cadence-Adults: Cadence and Intensity Across the Lifespan
Tudor-Locke, C. (PI)	NIH (NIA)	\$311,564	2018-2020	Diversity supplement to Cadence-Adults
Tudor-Locke, C.	Executive Health Examinations International	\$7,500	2018	Best practices for workplace wellness

7. PUBLICATIONS:

Original Manuscripts Published in Peer-reviewed Journals: *I currently have over 300 articles published or in press in leading physical activity related journals. I have written more than 100 articles as first author/sole author. My H-Index is currently 65 (Web of Science, April, 2020) that at least 65 of my publications have been cited at least 65 times.*

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.
 53. Matevey, C, Rogers L.Q., Dawson, B., & **Tudor-Locke, C.** Lack of reactivity during pedometer self-monitoring in adults, *Measurement in Physical Education and Exercise Science*. 2006, 10 (1): 1-11.
 54. **Tudor-Locke, C.**, Sisson, S.B., Lee, S.M., Craig, C.L., Plotnikoff, R., & Bauman, A. Evaluation of quality of commercial pedometers. *Canadian Journal of Public Health*. 2006, 97 Suppl 1: S10-5, S10-6
 55. Craig, C.L., Cragg, S., **Tudor-Locke, C.**, & Bauman, A. Proximal impact of Canada on the Move: the relationship of campaign awareness to pedometer awareness and ownership, *Canadian Journal of Public Health*. 2006, 97 Suppl 1: S21-7, S22-9.
 56. **Tudor-Locke, C.** & Chan, C.B. An exploratory analysis of adherence patterns and program completion of a pedometer-based physical activity intervention. *Journal of Physical Activity and Health*. 2006, 3 (2): 210-220.
 57. Merom, D., **Tudor-Locke, C.**, Bauman, A., & Rissel, C. Active commuting to school among NSW primary school children: implications for public health. *Health and Place*. 2006, 12 (4): 678-687.
 58. Johnson, S.T., McCargar, L.J., Bell, G.J., **Tudor-Locke, C.**, Harber, V.J., & Bell, R.C. Walking faster: distilling a complex prescription for type 2 diabetes management through pedometry. *Diabetes Care*, 2006, 29 (7): 1654-1655.
 59. Chan, C.B., Ryan, D.A.J., & **Tudor-Locke, C.**, Relationship between objective measures of physical activity and weather: a longitudinal study. *International Journal of Behavioral Nutrition and Physical Activity*. 2006, 3: 21.
 60. Miller, R., Brown, W., & **Tudor-Locke, C.** But what about swimming and cycling? How to 'count' non-ambulatory activity when using pedometers to assess physical activity. *Journal of Physical Activity and Health*. 2006, 3 (3): 257-266.
 61. Felton, G.M., **Tudor-Locke, C.**, & Burkett, L. Reliability of pedometer-determined free-living physical activity data in college women. *Research Quarterly for Exercise and Sport*. 2006, 77 (3): 304-308.
 62. Flohr, J.A., Todd, D.M.K., & **Tudor-Locke, C.** Pedometer-assessed physical activity in young adolescents. *Research Quarterly for Exercise and Sports*. 2006, 77 (3): 309-350.

63. **Tudor-Locke, C.**, Lee, S.M., Morgan, C.F., Beighle, A., & Pangrazi, R.P. Children's pedometer-determined physical activity patterns during the segmented school day. *Medicine and Science in Sports and Exercise*. 2006, 38 (10): 1732-1739.
64. **Tudor-Locke, C.**, Ainsworth, B.E., Adair, L.S., Du, S., Lee, N., & Popkin, B.M. Comparison of physical activity and inactivity patterns in Chinese and Filipino youth. *Child: Health Care and Development*. 2007, 33 (1): 59-66.
65. McClain, J.J., Sisson, S.B., Washington, T.L., Craig, C.L., & **Tudor-Locke, C.** Comparison of Kenz Lifecorder and ActiGraph Accelerometers in 10-Year-Old Children. *Medicine and Science in Sports and Exercise*. 2007, 39 (4): 630-638.
66. Craig, C.L., **Tudor-Locke, C.**, & Bauman, A. Twelve-month effects of Canada on the Move: a population-wide campaign to promote pedometer use and walking. *Health Behavior Education*. 2007, 22 (3): 406-413.
67. McClain, J.J., Craig, C.L., Sisson, S.B., & **Tudor-Locke, C.** Comparison of Lifecorder EX and ActiGraph accelerometers under free-living conditions. *Applied Physiology and Nutrition Metabolism*. 2007, 32 (4):753-61.
68. McClain, J.J., Sisson, S.B., & **Tudor-Locke, C.** Actigraph accelerometer interinstrument reliability during free-living in adults. *Medicine and Science in Sports and Exercise*. 2007, 39(9): 1509-1514.
69. **Tudor-Locke, C.**, van der Ploeg, H.P., Bowles, H.R., Bittman, M., Fisher, K., Merom, D., Gershuny, J., Bauman, A., & Egerton, M. Walking behaviours from the 1965-2003 American Heritage Time Use Study, *International Journal of Behavioural Nutrition and Physical Activity*. 2007, 4 (1): 45.
70. **Tudor-Locke, C.**, Kronenfeld, J.J., Kim, S.S., Benin, M., & Kuby, M. A geographical comparison of prevalence of overweight school-aged children: The National Survey of Children's Health 2008. *Pediatrics*. 2007, 120 (4): e1043-50.
71. Sisson, S.B. & **Tudor-Locke, C.** Comparison of cyclists' and motorists' utilitarian physical activity at an urban university, *Preventive Medicine*. 2008, 46:77-79.
72. **Tudor-Locke, C.**, Bassett, Jr., D.R., Rutherford, W.J., Ainsworth, B.E., Chan, C.B., Croteau, K., Giles-Corti, B., Le Masurier, G., Moreau, K., Mrozek, J., Oppert, J.-M., Raustorp, A., Strath, S.J., Thompson, D., Whitt-Glover, M.C., Wilde, B., & Wojcik, J.R. BMI-referenced cut-points for recommended pedometer-determined steps/day in adults, *Journal of Physical Activity and Health*. 2008, 5 (Suppl. 1): S126–S139.
73. Sisson, S.B., McClain, J.J., & **Tudor-Locke, C.** Campus walkability, pedometer-determined steps, and moderate to vigorous physical activity: A comparison of two university campuses. *Journal of the American College Health*. 2008, 56 (5): 585-592.
74. **Tudor-Locke, C.**, Ainsworth, B.E., & Popkin, B. Patterns of physical activity and overweight among 7-13 year old Russian children: a seven-year nationally representative monitoring study. *Research Quarterly for Exercise and Sport*. 2008, 79 (1): 10-17.
75. Woolf, K., Reese, C.E., Mason, M.P., Beaird, L.C., **Tudor-Locke, C.** & Vaughan, L.A. Physical activity is associated with risk factors for chronic disease across adult women's life cycle. *Journal of the American Dietetic Association*. 2008,108 (6): 948-959.
76. **Tudor-Locke, C.**, Hatano, Y., Pangrazi, R.P., & Kang, M. Revisiting "how many steps are enough?" *Medicine and Science in Sports and Exercise*. 2008, 40 (7 Suppl): S537-543.

77. Lee, S.M., **Tudor-Locke, C.**, & Burns, E.K. Application of a walking suitability assessment to the immediate built environment surrounding elementary schools. *Health Promotion and Practice*. 2008, 9 (3): 246-252.
78. **Tudor-Locke, C.**, Giles-Corti, B., Knuiman, M. & McCormack, G. Tracking of pedometer-determined physical activity in adults who relocate: Results from RESIDE. *International Journal of Behavioral Nutrition and Physical Activity*. 2008, 5 (1):39.
79. **Tudor-Locke, C.** & Ham, S. Walking behaviors reported in the American Time Use Survey 2003-2005. *Journal of Physical Activity and Health*. 2008, 5 (5): 633-647.
80. Chan, C.B. & **Tudor-Locke, C.** Real world evaluation of a community-based pedometer intervention. *Journal of Physical Activity and Health*. 2008, 5 (5): 648-664.
81. Lauzon, N., Chan, C., Myers, A., & **Tudor-Locke, C.** Participant experiences in a workplace pedometer-based physical activity program. *Journal of Physical Activity and Health*. 2008, 5 (5): 675-687.
82. McClain, J.J., Abraham, T.L., Brusseau, T.A., Jr., & **Tudor-Locke, C.** Epoch length and accelerometer outputs in children: comparison to direct observation. *Medicine and Science in Sports and Exercise*. 2008, 40 (12): 2080-2087.
83. **Tudor-Locke, C.**, Burton, N.W., & Brown, W.J. Leisure-time physical activity and occupational sitting: associations with steps/day and BMI in 54-59 year old Australian women. *Preventive Medicine*. 2008, 48 (1):64-68.
84. McClain, J.J., & **Tudor-Locke, C.** Objective monitoring of physical activity in children: Considerations for instrument selection. *Journal of Science and Medicine in Sport*. 2008: Dec 2. doi10.1016/j.jsams.2008.09.012
85. Ham, S.A., Kruger, J., & **Tudor-Locke, C.** Participation by U.S. Adults in sports, exercise, and recreational physical activities. *Journal of Physical Activity and Health*. 2009, 6 (1): 6-14.
86. Lubans, D.R., Morgan, P.J., & **Tudor-Locke, C.** A review of studies using pedometers to promote physical activity among youth. *Preventive Medicine*. 2009, 48 (4): 307-315.
87. Marshall, S.J., Levy, S.S., **Tudor-Locke, C.**, Kolkhorst, F.W., Wooten, K.M., Ji, M., Macera, C.A., & Ainsworth, B.A. Translating physical activity recommendations into a pedometer-based step goal. *American Journal of Preventive Medicine*. 2009, 36 (5):410-415.
88. **Tudor-Locke, C.**, Lauzon, N., Myers, A.M., Bell, R.C., Chan, C.B., McCargar, L., Speechley, M., & Rodger, N.W. Effectiveness of the First Step Program delivered by professionals versus peers. *Journal of Physical Activity and Health*. 2009, 6: 456-462.
89. **Tudor-Locke, C.**, Washington, T.L., Ainsworth, B.E., & Troiano, R.P. Linking the American Time Use Survey (ATUS) and the Compendium of Physical Activities: Methods and rationale. *Journal of Physical Activity and Health*. 2009, 6 (3): 347-353.
90. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Accelerometer-determined steps/day in U.S. adults. *Medicine and Science in Sports and Exercise*. 2009, 41 (7): 1384-1391.
91. **Tudor-Locke, C.**, Washington, T.L., & Hart, T.L. Expected values for pedometer-determined physical activity in special populations. *Preventive Medicine*. 2009, 49: 3-11.
92. Cheong, S.H., McCargar, L.J., Paty, B.W., **Tudor-Locke, C.**, & Bell, R.C. The First Step First Bite Program: Guidance to increase physical activity and daily intake of low-

- glycemic index foods. *Journal of the American Dietetic Association*. 2009, 109 (8): 1411-1416.
93. **Tudor-Locke, C.**, McClain, J.J., Hart, T.L., Sisson, S.B., & Washington, T.L. Expected values for pedometer-determined physical activity in youth. *Research Quarterly for Exercise and Sport*. 2009, 80 (2): 164-174.
 94. **Tudor-Locke, C.**, McClain, J.J., Hart, T.L., Sisson, S.B., & Washington, T.L. Pedometry methods for assessing free-living youth, *Research Quarterly for Exercise and Sport*. 2009, 80 (2): 175-184.
 95. **Tudor-Locke, C.**, Washington, T.L., & Hart, T.L. Expected values for pedometer-determined physical activity in older populations. *International Journal of Behavioral Nutrition and Physical Activity*. 2009, 6:59.
 96. Kang, M., Bassett, D.R., Barreira, T., **Tudor-Locke, C.**, Ainsworth, B., Reis, J.P., Strath, S., & Swartz, A. How many days are enough? A study of 365 days of pedometer monitoring, *Research Quarterly for Exercise and Sport*. 2009, 80 (3): 445-453. *Awarded the 2010 Research Writing Award*.
 97. **Tudor-Locke, C.**, Washington, T.L., & Hart, T.L. Correction: Expected values for pedometer-determined physical activity in older populations. *International Journal of Behavioral Nutrition and Physical Activity*. 2009, 6: 65.
 98. **Tudor-Locke, C.**, Lauzon, N., Myers, A.M., Bell, R.C., Chan, C.B., McCargar L., Speechley, M., & Rodger, N.W. Effectiveness of the First Step Program delivered by professionals versus peers. *Journal of Physical Activity and Health*, 2009, 6(4) 456-462.
 99. **Tudor-Locke, C.** & Lutes, L. Why do pedometers work? A reflection upon the factors related to successfully increasing physical activity. *Sports Medicine*. 2009, 39 (12): 981-993.
 100. Sisson, S.B., Camhi, S.M., Church, T.S., Martin, C.K, **Tudor-Locke, C.**, Bouchard, C, Earnest, C.P., Smith, S.R, Newton, R.L., Rankinen, T., & Katzmarzyk, P.T. Leisure time sedentary behavior: Occupational/domestic physical activity and metabolic syndrome in U.S. men and women. *Metabolic Syndrome and Related Disorders*. 2009, 7 (6): 529-536.
 101. **Tudor-Locke, C.** Promoting lifestyle physical activity: experiences with the First Step Program. Invited submission to *American Journal of Lifestyle Medicine*. 2009, 3 (1) 508-548.
 102. Sisson, S.B., Church, T.S., Martin, C.K., **Tudor-Locke, C.**, Smith, S.R., Bouchard, C., Earnest, C.P, Rankinen, T., Newton, R.L, & Katzmarzyk, P.T. Profiles of sedentary behavior in children and adolescents: The U.S. National Health and Nutrition Examination Survey, 2001-2006. *International Journal of Pediatric Obesity*. 2009, 4 (4): 353-359.
 103. Craig, C.L., Cameron, C., Griffiths, J., Bauman, A., **Tudor-Locke, C.**, & Andersen, R.E. Non-response bias in physical activity trend estimates. *BMC Public Health*. 2009, 9: 425.
 104. Craig, C.L., **Tudor-Locke, C.**, Cragg, S., & Cameron, C. Process and treatment of pedometer data collection for youth: The CANPLAY study. *Medicine and Science in Sports and Exercise*. 2010, 42 (3): 430-435.
 105. Craig, C. **Tudor-Locke, C.**, Cameron, C., & Cragg, S. Descriptive epidemiology of youth pedometer-determined physical activity: Canadian Physical Activity Among Youth

- (CANPLAY) 2005-2006 survey. *Medicine and Science in Sports and Exercise*. 42 (9): 1639-1643.
106. **Tudor-Locke, C.** Invited Commentary: A short list about what I do and don't know: about objective monitoring of physical activity. *Current Sports Medicine Reports*. 2010, 9 (2): 71-72.
 107. De Greef, K., Deforche, B., **Tudor-Locke, C.**, De Bourdeaudhuij, E. A cognitive-behavioral pedometer-based group intervention on physical activity and sedentary behavior in individuals with type 2 diabetes. *Health Education Research*. 2010, 25 (5): 724-736.
 108. van der Ploeg H.P., **Tudor-Locke, C.**, Marshall, A.L., Craig, C., Hagströmer, M., Sjöström, M., & Bauman, A.E. Reliability and validity of assessing walking with the International Physical Activity Questionnaire. *Research Quarterly for Exercise and Sport*. 2010, 81 (1): 97-101.
 109. Sisson, S.B., Camhi, S.M., Church, T.S., **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Accelerometer-determined steps and metabolic syndrome. *American Journal of Preventive Medicine*. 2010, 38 (6): 575-582.
 110. McDonough, S.M., Tully, M.A., O'Connor, S.R., Boyd, A., Kerr, D.P., O'Neil, S.M., Delitto, A., Bradbury, I., **Tudor-Locke, C.**, Baxter, D.G., & Hurley, D.A. The Back 2 Activity Trial: Education and advice versus education and advice plus a structured walking programme for chronic low back pain. *BMC Musculoskeletal Disorders*. 2010, 11:163.
 111. **Tudor-Locke, C.** Invited Commentary: Steps to better cardiovascular health: How many steps does It Take to Achieve Good Health and How Confident Are We in This Number? *Current Cardiovascular Risk Reports*. 2010, 4 (4): 271-276.
 112. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Accelerometer profiles in normal weight, overweight, and obese U.S. men and women: 2005-2006 NHANES. *International Journal of Nutrition Behavior and Physical Activity*. 2010, 7: 60.
 113. McClain, J.J., Hart, T.L., Getz, R.S., **Tudor-Locke, C.** Convergent validity of three low cost motion sensors with the actigraph accelerometer in adults. *Journal of Physical Activity and Health*, 2010, 7 (5): 662-670. Erratum in: *Journal of Physical Activity and Health*. 2010, 8(1):144.
 114. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Frequently reported activities by intensity for U.S. adults: The American Time Use Survey. *American Journal of Preventive Medicine*. 2010, 39 (4): e13-20.
 115. Tully, M.A., & **Tudor-Locke, C.** Physical activity monitors: clinical and research applications. *Physical Therapy Reviews*. 2010, 15 (3): 133-134.
 116. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Accelerometer-determined steps/day in U.S. children and youth, *Medicine and Science in Sports and Exercise*. 2010, 42 (12): 2244-2250.
 117. Inoue, S., Ohya, Y., Odagin, Y., Tomoko, T., Masamitsu, K., Okada, S., **Tudor-Locke, C.**, & Shimomitsu, T. Characteristics of accelerometry respondents to a mail-based surveillance study. *Journal of Epidemiology*. 2010, 20 (6): 446-452.

118. Brusseau, T., Kulinna, P. H., **Tudor-Locke, C.**, Ferry, M., van der Mars, H. & Darst, P. Pedometer-determined segmented physical activity patterns of fourth and fifth grade children. *Journal of Physical Activity and Health*. 2011, 8: 279-286.
119. **Tudor-Locke, C.**, Bassett, D.R., Shipe, M. & McClain, J.J. Pedometry methods for assessing free-living adults. *Journal of Physical Activity and Health*. 2011, 8: 445-453.
120. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Relationship between accelerometer-determined steps/day and other accelerometer outputs in U.S. adults. *Journal of Physical Activity and Health*. 2011, 8: 410-419.
121. Camhi, S.M., Sisson, S.B., Johnson, W.D., Katzmarzyk, P.T. & **Tudor-Locke, C.** Accelerometer-determined lifestyle activities in the U.S. *Journal of Physical Activity and Health*. 2011, 8: 382-389.
122. Hart, T.L., Craig, C., Griffith, J., Cameron, C., Anderson, R., Bauman, A., & **Tudor-Locke, C.**, Markers of sedentarism: The Joint Canada/U.S. Survey of Health. *Journal of Physical Activity and Health*. 2011, 8: 361-371.
123. Hart, T.L., Ainsworth, B.E., & **Tudor-Locke, C.** Objective and subjective measures of sedentary behavior and physical activity. *Medicine and Science in Sports and Exercise*. 2011, 43 (2): 449-456.
124. Brusseau, T., Kulinna, P.H., & **Tudor-Locke, C.**, van der Mars, H., & Darst, P.W. Children's step counts on weekend, physical education, and non physical education days. *Journal of Human Kinetics*. 2011, 27: 116-134.
125. Inoue, S., Yumiko, O., Odagiri, Y., Takamiya, T., Suijo, K., Kamada, M., Okada, S., **Tudor-Locke, C.**, & Shimomitsu, T. Socio-demographic determinants of pedometer-determined physical activity among Japanese adults. *American Journal of Preventive Medicine*. 2011, 40 (5): 566-571.
126. **Tudor-Locke, C.**, Ainsworth, B.E., Washington, T.L., & Troiano, R.P. Assigning metabolic equivalent (MET) values to the 2002 census occupational classification system. *Journal of Physical Activity and Health*. 2011, 8 (4), 581-586.
127. Church, T.S., Thomas, D.M., **Tudor-Locke, C.**, Katzmarzyk, P.T., Earnest, C.P., Rodarte, R.Q., Martin, C.K., Blair, S.N., & Bouchard, C. Trends over 5 decades in U.S. occupation-related physical activity and their associations with obesity. *PLoS ONE*. 2011, 6 (5): e19657.
128. **Tudor-Locke, C.**, Craig, C.L., Cameron, C., Griffiths, J.M. Canadian children's and youth's pedometer-determined steps/day, parent-reported TV watching time, and overweight/obesity: The CANPLAY Surveillance Study. *International Journal of Nutrition Behavior and Physical Activity*. 2011, 25 (8): 66.
129. McCormack, G.R., Rutherford, J., Giles-Corti, B., **Tudor-Locke, C.**, & Bull, F. BMI-referenced cut-points for recommended daily pedometer-determined steps in Australian children and adolescents. *Research Quarterly for Exercise and Sport*. 2011, 82 (20): 162-167.
130. Arvidsson, D., Fitch, M., Hudes, M.L., **Tudor-Locke, C.**, & Fleming, S.E. Accelerometer response to physical activity intensity in normal-weight versus overweight African American children. *Journal of Physical Activity and Health*. 2011, 8 (5): 682-692.

131. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. U.S. population profile of time-stamped accelerometer-outputs: impact of wear time. *Journal of Physical Activity and Health*. 2011, 8 (5): 693-695.
132. **Tudor-Locke, C.**, Craig, C.L., Beets, M.W., Belton, S., Cardon, G.M., Duncan, S., Lubans, D., Olds, T.S., Raustorp, A., Rowe, D.A., Spence, J.C., Tanaka, S., & Blair, S.N. How many steps are enough? For children and youth. *International Journal of Behavioral Nutrition and Physical Activity*. 2011, 9: 78.
133. **Tudor-Locke, C.**, Craig, C.L., Brown, W., Clemes, S.A., De Cocker, K., Giles-Corti, B., Hatano, Y., Inoue, S., Matsudo, S.M., Mutrie, N., Oppert, J.-M., Rowe, D.A., Schmidt, M., Schofield, G.M., Spence, J.D., Teixeira, P.J., Tully, M.A., & Blair, S.N. How many steps are enough? For adults. *International Journal of Behavioral Nutrition and Physical Activity*. 2011, 9: 79.
134. **Tudor-Locke, C.**, Craig, C.L., Aoyagi, S., Bell, R.C., Croteau, K.A., De Bourdeaudhuij, I., Ewald, B., Gardner, A.W., Hatano, Y., Lutes, L.D., Matsudo, S.M., Rogers, L.Q., Rowe, D.A., Schmidt, M.D., Tully, M.A., & Blair, S.N. How many steps are enough? For older adults and special populations. *International Journal of Behavioral Nutrition and Physical Activity*. 2011, 9: 80.
135. De Greef K, Deforche B, **Tudor-Locke, C.**, De Bourdeaudhuij I. Increasing physical activity in Belgian Type 2 diabetes patients: a three-Arm randomized controlled trial. *International Journal of Behavioral Medicine*. 2011, 18 (3): 188-198.
136. Hart, T.L., McClain, J.J., & **Tudor-Locke, C.** Controlled and free-living evaluation of objective measures of sedentary behavior. *Journal of Physical Activity and Health*. 2011, 8 (6): 848-857.
137. Harrington, D.M., **Tudor-Locke, C.**, Champagne, C.M., Broyles, S.T., Harsha, D.W., Kennedy, B.M., Johnson, W.D., Allen, R., & Katzmarzyk, P.T. Steps-based translation of physical activity guidelines in the Lower Mississippi Delta. *Applied Physiology, Nutrition, and Metabolism*. 2011, 36: 583-585.
138. Camhi, S.M., Sisson, S.B., Johnson, W.D., Katzmarzyk, P.T., & **Tudor-Locke, C.** Accelerometer-determined moderate intensity lifestyle activity and cardiometabolic health. *Preventive Medicine*. 52 (5): 358-360.
139. Van Dyck, D., De Greef, K., Deforche, B., Ruige, J., **Tudor-Locke, C.**, Kaufman, J.K., Owen, N., & De Bourdeaudhuij, I. Mediators of physical activity change in a behavioral modification program for type 2 diabetes patients. *International Journal of Behavioral Nutrition and Physical Activity*. 2011, 9: 105.
140. Ainsworth, B.E., Haskell, W.L., Hermann, S.D., Meckes, N., Bassett, Jr., D.R., **Tudor-Locke, C.**, Greer, J.L., Vezina, J., Whitt-Glover, M.C., & Leon, A.S. 2011 Compendium of physical activities: a second update of codes and MET values. *Medicine and Science in Sports and Exercise*. 2011, 43 (8): 1575-1581.
141. De Greef, K., Deforche, B., Ruige, J., Johannes, Bouckaert, J., **Tudor-Locke, C.**, Kaufman, J.-M., & De Bourdeaudhuij, E. The effects of a pedometer-based behavioural modification program with telephone support on physical activity and sedentary behaviour in type 2 diabetes patients: a randomized controlled clinical trial. *Patient Education and Counseling*. 2011, 84 (2): 275-279.

142. Inoue, S., Ohya, Y., **Tudor-Locke, C.**, Tanaka, S., Yoshiike, N., & Shimomitsu, T. Time trends for step-determined physical activity among Japanese adults. *Medicine and Science in Sports and Exercise*. 40 (5): 566-571.
143. Hart, T., McClain, J.J., Brusseau, T., Kulinna, P.H., & **Tudor-Locke, C.** Evaluation of low cost objective physical activity instruments in 10-11 year old children. *Research Quarterly for Exercise and Sport*. 2011, 82: 600-609.
144. Katzmarzyk, P.T., Champagne, C.M., **Tudor-Locke, C.**, Broyles, S.T., Harsha, D., Kennedy, B.M., & Johnson, W.D. A short-term physical activity randomized trial in the lower Mississippi delta. *PLoS One*. 2011, 6 (10): e26667.
145. **Tudor-Locke, C.**, Leonardi, C., Johnson, W.D., Church, T.S., & Katzmarzyk, P.T. Accelerometer steps/day translation of moderate-to-vigorous activity. *Preventive Medicine*. 2011, 53 (1-2): 31-33.
146. **Tudor-Locke, C.**, Camhi, S., Leonardi, C., Johnson, W.D., Katzmarzyk, P.T., Earnest, C.P., & Church, T.S. Patterns of adult stepping cadence in the 2005-2006 NHANES. *Preventive Medicine*. 2011, 53, 178-181.
147. **Tudor-Locke, C.**, Leonardi, C., Johnson, W.D., Church, T.S., & Katzmarzyk, P.T. Time spent in physical activity and sedentary behaviors on the working day: The American Time Use Survey. *Journal of Occupational and Environmental Medicine*. 2011, 53 (12): 1382-1387.
148. Sisson, S.B., Camhi, S.M., **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Characteristics of step-defined physical activity categories in U.S. adults. *American Journal of Public Health*. 2012, 26 (3): 152-159.
149. Bruce-Keller, A.J., Brouillette, R.M., **Tudor-Locke, C.**, Foil, H.C., Gahan, W.P., Correa, J., Nye, D.M., & Keller, J.N. Assessment of cognition, physical performance, and gait in the context of mild cognitive impairment and dementia. *Journal of the American Geriatric Society*. 2012, 60 (1): 176-177.
150. **Tudor-Locke, C.** Invited Article: Assessment of enacted mobility in older adults. *Topics in Geriatric Medicine*. 2012, 28 (1), 33-38.
151. Kang, M., Bassett, D.R. **Tudor-Locke, C.**, Barreira, T.V., & Ainsworth, B.E. Measurement of seasonal and monthly variability on pedometer-determined data. *Journal of Physical Activity and Health*. 2012, 9 (3), 336-343.
152. **Tudor-Locke, C.** & Rowe, D.A. Using cadence to study free-living ambulatory behavior. *Sports Medicine*. 2012, 42 (5): 381-398.
153. **Tudor-Locke, C.**, Camhi, S.M., & Troiano, R.P. A catalog of rules, variables, and definitions applied to accelerometer data in the National Health and Nutrition Examination Survey, 2003-2006. *Preventing Chronic Disease*. 2012, 9: E119.
154. Newton, R.L., Han, H., Dubbert, P.M., Johnson, W.D., Hickson, D., Ainsworth, B.E., Carithers, T., Taylor, H., Wyatt, S., & **Tudor-Locke, C.** Pedometer-determined physical activity tracks in African American adults: The Jackson Heart Study. *International Journal of Behavioral Nutrition and Physical Activity*. 2012, 9 (1): 44.
155. Bruce-Keller, A.J., Brouillette, R.M., **Tudor-Locke, C.**, Foil, H.C., Gahan, W.P., Nye, D.M., Guillory, L., & Keller, J.N. Relationship between cognitive domains, physical performance, and gait in elderly and demented subjects. *Journal of Alzheimer's Disease*. 2012, 30 (1): 899-908.

156. Harrington, D.M., Dowd, K.P., **Tudor-Locke, C.**, & Donnelly, A.E. A steps/minute value for moderate intensity physical activity in adolescent females. *Pediatric Exercise Science*. 2012, 24: 399-408.
157. Schuna, J.M., Jr., & **Tudor-Locke, C.**, Step by step: Accumulated knowledge and future directions of step-defined ambulatory activity. *Research in Exercise Epidemiology*. 2012 14 (2): 107-116.
158. Swift, D.L., Johannsen, N.M., **Tudor-Locke, C.**, Earnest, C.P., Johnson, W.D., Blair, S.N., Senechal, M., & Church T.S. Combined effects of 6 months of exercise training and habitual free-living physical activity level on weight, adiposity, fitness, and blood pressure in postmenopausal women. *American Journal of Preventive Medicine*. 2012, 43 (6): 629-635.
159. Barreira, T.V., Katzmarzyk, P.T., Johnson, W.D., & **Tudor-Locke, C.** Cadence patterns and peak cadence in U.S. children and adolescents: NHANES 2005-2006. *Medicine and Science in Sports and Exercise*. 2012, 44 (9): 1721-1727.
160. **Tudor-Locke, C.** & Schuna, J.M., Jr. Steps to preventing Type 2 diabetes: Exercise, walk more, or sit less? *Frontiers in Diabetes*. 2012, 3: 142.
161. **Tudor-Locke, C.**, Martin, C., Brashear, M.M., Rood, J.C., Katzmarzyk, P.T., & Johnson, W.D. Predicting doubly labeled water energy expenditure from ambulatory activity, *Applied Physiology, Nutrition, and Metabolism*. 2012, 37 (6): 1091-1100.
162. Thomson, J.L., Landry, A.S., Zoellner, J.M., **Tudor-Locke, C.**, Webster, M., Connell, C., & Yadrick, K. Several steps/day indicators predict changes in anthropometric outcomes, HUB City Steps. *BMC Public Health*. 2012, 12: 983.
163. Inoue, S., Ohya, Y., **Tudor-Locke, C.**, Tanaka, S., Yoshiike, N., & Shimomitsu, T. Step-defined physical activity and cardiovascular risk among middle-aged Japanese: the National Health and Nutrition Survey of Japan 2006. *Journal of Physical Activity and Health*. 2012, 9 (8): 117-1124.
164. **Tudor-Locke, C.**, Brashear, M.M., Katzmarzyk, P.T., & Johnson, W.D. Peak stepping cadence in free-living adults: 2005-2006 NHANES. *Journal of Physical Activity and Health*. 2012, 9 (8): 1125-1129.
165. Swift, D.L., Johannsen, N.M., **Tudor-Locke, C.**, Earnest, C.P., Johnson, W.D., Blair, S.N., Senechal, M., & Church, T. Exercise training and habitual physical activity: a randomized controlled trial. *American Journal of Preventive Medicine*. 2012, 43 (6): 629-635.
166. **Tudor-Locke, C.** Invited commentary: Walk more (frequently, farther, faster): The perfect preventive medicine. *Preventive Medicine*. 2012, 55 (6):540-541.
167. Brusseau, T. A., Kulinna, P. H., **Tudor-Locke, C.**, & Ferry, M. Daily physical activity patterns of children living in an American Indian community. *Journal of Physical Activity and Health*. 2013, 10 (1):48-53.
168. Craig, C.L., Cameron, C., & **Tudor-Locke, C.** CANPLAY Pedometer normative reference data for 21,271 children and 12,956 adolescents. *Medicine and Science in Sports and Exercise*. 2013, 45 (1): 123-129.
169. Schuna, J.M., Jr., Brouillette, R.M., Foil, H.C., Fontenot, S.L., Keller, J.N., & **Tudor-Locke, C.** Steps/day, peak cadence, MBI, and age in community-dwelling older adults. *Medicine and Science in Sports and Exercise*. 2013, 45 (5): 914-919.

170. White DK, **Tudor-Locke, C.**, Felson D, Gross KD, Niu J, Nevitt M, Lewis C, Torner J, Neogi T. Do radiographic disease and pain account for why people with or at high risk of knee osteoarthritis do not meet Physical Activity Guidelines? *Arthritis and Rheumatology*. 2013, 65(1):139-147.
171. Craig, C.L., Cameron, C., **Tudor-Locke, C.** Relationship between parent and child pedometer-determined physical activity: a sub-study of the CANPLAY surveillance study. *International Journal of Behavioral Nutrition and Physical Activity*. 2013, 10: 8.
172. **Tudor-Locke, C.**, Craig, C.L., Thyfault, J.P., & Spence, J.C. A step-defined sedentary lifestyle index: < 5,000 steps/day. *Applied Physiology Nutrition, and Metabolism*. 2013, 38 (2): 100-114.
173. Van Dyck, D., De Greef, K., Deforche, B., Ruige, J., Bouckaert, J., **Tudor-Locke, C.**, Kaufman, J.M., & De Bourdeaudhuij, I. The relationship between changes in steps/day and health outcomes after a pedometer-based physical activity intervention with telephone support in type 2 diabetes patients. *Health Education Research*. 2013. 28 (3) 539-545.
174. Adams, M.A., Johnson, W.D., & **Tudor-Locke, C.** Steps/day translation of the moderate-to-vigorous physical activity guideline for children and adolescents. *International Journal of Behavioral Nutrition and Physical Activity*. 2013, 10: 49.
175. White D.K., **Tudor-Locke, C.**, Felson D, Gross, K.D., Niu, J., Nevitt, M., Lewis, C., Torner, J., Neogi, T. Walking to meet physical activity guidelines in knee OA: Is 10,000 steps enough? *Archives of Physical Medicine and Rehabilitation*. 2013, 94 (9): 711-717.
176. Rejeski, W.J., Axtell, R., Fielding, R., Katula, J., Kind, A.D., Manini, T.M., Marsh, A.P., Pahor, M., Rego, A., **Tudor-Locke, C.**, Newman, M., Walkup, M.P., Miller, M.E. LIFE Study Investigator Group. Promoting physical activity for elders with compromised function: the lifestyle interventions and independence for elders (LIFE) study physical activity intervention. *Clinical Interventions in Aging*. 2013, 8: 1119-1131.
177. Barreira, T.V., Brouillette, R.M., Foil, H.C., & Keller, J.N., & **Tudor-Locke, C.** Comparison of older adults' steps/day using NL-1000 pedometer and two GT3X+ accelerometer filters. *Journal of Physical Activity and Health*. 2013, 21 (4): 402-416.
178. **Tudor-Locke, C.**, Schuna Jr., J.M., Barreira, T.V., Mire, E.F., Broyles, S.T., Katzmarzyk, P.T., & Johnson, W.D. Normative steps/day values for older adults: NHANES 2005-2006. *Journal of Gerontology A: Biological Sciences Medical Sciences*. 2013, 68 (11): 1426-1432.
179. Rejeski, W.J., Axtell, R., Fielding, R., Katula, J., Kind, A.D., Manini, T.M., Marsh, A.P., Pahor, M., Rego, A., **Tudor-Locke, C.**, Newman, M., Walkup, M.P., Miller, M.E. LIFE Study Investigator Group. Promoting physical activity for elders with compromised function: the lifestyle interventions and independence for elders (LIFE) study physical activity intervention. *Clinical Interventions in Aging*. 2013, 8: 1119-1131.
180. Katzmarzyk P.T., T.V. Barreira, S.T. Broyles, C.M. Champagne, J.-P. Chaput, M. Fogelholm, G. Hu, W.D. Johnson, R. Kuriyan, A. Kurpad, E.V. Lambert, J. Maia, V. Matsudo, C. Maher, T. Olds, V. Onywera, O.L. Sarmiento, M. Standage, M.S. Tremblay, **C. Tudor-Locke**, P. Zhao & T.S. Church. The International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Design and Methods. *BMC Public Health*. 2013, 13 (1): 900.

181. Schuna, J.M. Jr., Johnson, W.D., & **Tudor-Locke, C.** Adult self-reported and objectively monitored physical activity and sedentary behavior: NHANES 2005--2006. *International Journal of Behavioral Nutrition and Physical Activity*. 2013, 10 (1): 126.
182. Barreira, T.V., Katzmarzyk, P.T., Johnson, W.D., & **Tudor-Locke, C.** Walking cadence and cardiovascular risk in children and adolescents: NHANES 2005-2006. *American Journal of Preventive Medicine*. 2013, 45 (6): e27-34.
183. McDonough, S.M., Tully, M.A., O'Connor, S.R., Boyd, A., Kerr, D.P., O'Neill, S.M., Delitto, A., Bradbury, I., **Tudor-Locke, C.**, Baxter, D.G., & Hurley, D.A. Pedometer-driven walking for chronic low back pain: A feasibility randomized control trial. *The Clinical Journal of Pain*. 2013, 29 (11): 972-981.
184. **Tudor-Locke, C.**, Barreira, T.V., Brouillette, R.M., Foil, H.C., & Keller, J.N. Preliminary comparison of clinical and free-living measures of stepping cadence in older adults. *Journal of Physical Activity and Health*. 2013, 10 (8): 1175-1180.
185. Barreira, T.V., **Tudor-Locke, C.**, Champagne, C., Broyles, S.T., Harsha, D., Kennedy, B.M., Johnson, W.D., Allen R., & Katzmarzyk, P.T. Comparison of GT3X accelerometer and YAMAX pedometer steps/day in a free-living sample of overweight and obese adults. *Journal of Physical Activity and Health*, 2013. 10(2):263-270.
186. Newton, R.L., Han, H., Johnson, W.D., Hickson, D.A., Church, T.S., Taylor, H.A., **Tudor-Locke, C.**, & Dubbert, P.M. Steps/day and metabolic syndrome in African American adults: The Jackson Heart Study. *Preventive Medicine*. 2013, 57 (6): 855-859.
187. **Tudor-Locke, C.**, Barreira, T.V., Schuna Jr., J.M., Mire, E.F., & Katzmarzyk, P.T. Fully automated waist-worn accelerometer algorithm for detecting children's sleep period time separate from 24-hour physical activity or sedentary behaviors. *Applied Physiology, Nutrition, and Metabolism*. 2014, 39 (1): 53-57.
188. **Tudor-Locke, C.**, Swift D.L., Schuna, J.M., Dragg, A.T., Davis, A.B., Martin, C.K., Johnson, W.D., Church, T.S. WalkMore: a randomized controlled trial of pedometer-based interventions differing on intensity messages. *BMC Public Health*. 2014, 14 (1): 168
189. Myers, C.A., Johnson, W.D., Earnest, C.P., Rood, J.C., **Tudor-Locke, C.**, Johannsen, N.M., Cocreham, S., Harris, M., Church, T.S., & Martin C.K. Examination of mechanisms (E-MECHANIC) of exercise-induced weight compensation: study protocol for a randomized controlled trial. *Trials*. 2014, 15 (1): 212.
190. Trost, S.G. & **Tudor-Locke, C.** Advances in the science of objective monitoring: 3rd International Conference on Ambulatory Monitoring of Physical Activity and Movement. *British Journal of Sports Medicine*. 2014, 48 (13): 1009-1010.
191. **Tudor-Locke, C.**, Schuna, J.M., Frensham, L., Proenca, M. Changing the way we work: Elevating energy expenditure with workstation alternatives. *International Journal of Obesity*. 2014, 38 (6): 755-765.
192. **Tudor-Locke, C.**, Hendrick, C.A., Duet, M.T., Swift, D.L., Schuna Jr., J.M., Martin, C.K., Johnson, W.D., & Church, T.S. Implementation and adherence issues in a workplace treadmill desk intervention. *Applied Physiology, Nutrition, and Metabolism*. 2014, 39 (10): 1104-1111.
193. White, D.K., **Tudor-Locke, C.**, Zhang, Y., Fielding, R., LaValley, M., Felson, D., Gross, K.D., Nevitt, M., Lewis, C., Torner, J., & Neoghi, T. Daily walking and the risk of

- incident functional limitation in knee OA: An observational study. *Arthritis Care & Research*. 2014, 66 (9): 1328-1336.
194. **Tudor-Locke, C.**, Schuna, J.M., Jr., Katzmarzyk, P.T., Liu, W., Hamrick, K.S., & Johnson, W.D. Body mass index: Accounting for full time sedentary occupation and 24-hr self-reported time use. *PLoS One*. 2014, 8 (9): e109051.
 195. Newton, R. L., Jr., Marker, A. M., Allen, H. R., Machtmes, R., Han, H., Johnson, W. D., Schuna, J. M., Jr., Broyles, S. T., **Tudor-Locke, C.**, & Church, T. S. A parent-targeted mobile phone intervention to increase physical activity in sedentary children: A randomized pilot trial. *JMIR mHealth*. 2014, 2 (4): e48.
 196. Rowlands, A., Stiles, V., Schuna Jr., J.M., & **Tudor-Locke, C.** Cadence, peak vertical acceleration and peak loading rate during ambulatory activities: Implications for activity prescription for bone health. *Journal of Physical Activity and Health*. 2014, 11 (7): 1291-1294.
 197. Harrington D.M., Champagne, C.M., Broyles, S.T., Johnson, W.D., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Steps ahead: A randomized trial to reduce unhealthy weight gain in the Lower Mississippi Delta. *Obesity (Silver Spring)*. 2014, 22 (5): E21-28.
 198. Schuna, J.M. Jr., Swift, D.L., Hendrick, C.A., Duet, M.T., Johnson, W.D., Martin, C.K., Church, T.S., **Tudor-Locke, C.** Evaluation of a workplace treadmill desk intervention: a randomized controlled trial. *Journal of Occupational and Environmental Medicine*. 2014, 56(12): 1266-1276.
 199. Lubans, D.R., Plotnikoff, R.C., Miller, A., Scott, J.J., Thompson, D., & **Tudor-Locke, C.** Using pedometers for measuring and increasing physical activity in children and adolescents: The next step. *American Journal of Lifestyle Medicine*, 2014; 9(6).
 200. Barreira, T.V., Schuna, J.M., Jr., Mire, E.F., Broyles, S.T., Katzmarzyk, P.T., Johnson, W.D., & **Tudor-Locke, C.** Normative Steps/Day and Peak Cadence Values for United States Children and Adolescents: National Health and Nutrition Examination Survey 2005-2006. *The Journal of Pediatrics*. 2015, 166 (1): 139-143.
 201. Rowlands, A.V., Gomersall, S.R., **Tudor-Locke, C.**, Bassett, D.R., Kang, M., Fraysse, F., Ainsworth, B.E., & Olds, T.S. Introducing novel approaches for examining the variability of individuals physical activity. *Journal of Sports Sciences*. 2015, 33 (5): 456-466.
 202. Harrington, D.M., Champagne, C.M., Broyles, S.T., Johnson, W.D., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Cardiometabolic risk factor response to a lifestyle intervention: A randomized trial. *Metabolic Syndrome and Related Disorders*. 2015, 13 (3): 125-131.
 203. Rejeski, W.J., Rushing, J., Guralnik, J.M., Ip, E.H., King, A.C., Manini, T.M., Marsh, A.P., McDermott, M.M., Fielding, R.A., Newman, A.B., **Tudor-Locke, C.**, & Gill, T.M. for the LIFE Study Group. The MAT-sf: identifying risk for major mobility disability. *Journal of Gerontology: Medical Sciences*. 2015, 70 (5): 641-645.
 204. Barreira, T.V., Harrington, D.M., Schuna, J. M. Jr., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Pattern changes in step count accumulation due to a physical activity intervention. *Journal of Science and Medicine in Sport*. 2015, S1440-2440.
 205. Fitzgerald, J.D., Johnson, L., Hire, D.G., Ambrosius, W.T., Anton, S.D., Dodson, J.A., Marsh, A.P., McDermott, M.M., Nocera, J.R., **Tudor-Locke, C.**, White, D.K., Yank, V., Pahor, M., Manini, T.M., & Buford, T.W. for the LIFE Study Research Group.

- Association of objectively measured physical activity with cardiovascular risk in mobility-limited older adults. *Journal of the American Heart Association*. 2015, 4 (2): e001288.
206. Katzmarzyk, P.T., Barreira, T.V., Broyles, S.T., Champagne, C.M., Chaput, J.P., Fogelholm, M., Hu, G., Johnson, W.D., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Church, T.S. Physical activity, sedentary time, and obesity in an international sample of Children. *Medicine and Science in Sports and Exercise*. 2015, 47 (10): 2062-2069.
 207. **Tudor-Locke, C.**, Barreira, T.V., Schuna Jr., J.M, Mire, E.F., Chaput, J.-P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., Zhao P., Church T.S., & Katzmarzyk P.T. Improving wear time compliance with a 24-hour waist-worn accelerometer protocol in the International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE). *International Journal of Behavioral Nutrition and Physical Activity*. 2015, 12: 11.
 208. Ferrari, G.L.M., Oliveira, L.C., Araújo, T.L., Matsudo, V., Barreira, T.V., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Moderate-to-vigorous physical activity and sedentary behavior: independent associations with body composition variables in Brazilian children. *Pediatric Exercise Science*. 2015, 27 (3): 380-389.
 209. **Tudor-Locke, C.**, Barreira, T.V. & Schuna, J.M., Jr. Comparison of step outputs for waist and wrist accelerometer attachment sites. *Medicine and Science in Sport and Exercise*. 2015, 47 (4): 839-842.
 210. Barreira, T.V., Schuna J.M., Jr., Mire, E.F., Katzmarzyk, P.T., Chaput, P.T., Leduc, G., & **Tudor-Locke, C.** Identifying children's nocturnal sleep using 24-hour waist accelerometry. *Medicine and Science in Sport and Exercise*. 2015, 47 (5): 937-943.
 211. **Tudor-Locke, C.**, Mire, E.F., Dentre, K.N., Barreira, T.V., Schuna, J.M. Jr., Zhao, P., Tremblay, M.S., Standage, M., Sarmiento, O.L., Onywera, V., Olds, T., Matsudo, V., Maia, J., Maher, C., Lambert, E.V., Kurpad, A., Kuriyan, R., Hu, G., Fogelholm, M., Chaput, J.P., Church, T.S., & Katzmarzyk, P.T. A model for presenting accelerometer paradata in large studies: ISCOLE. *International Journal of Behavioral Nutrition and Physical Activity*. 2015, 12: 52.
 212. Barreira, T.V., Zderic, T.W., Schuna, J.M. Jr., Hamilton, M.T., & **Tudor-Locke, C.** Free-living activity counts-derived breaks in sedentary time: Are they real transitions from sitting to standing? *Gait and Posture*. 2015, 42 (1): 70-2.
 213. Borghese, M.M., Tremblay, M.S., Katzmarzyk, P.T., **Tudor-Locke, C.**, Schuna, J.M. Jr., Leduc, G., Boyer, C., LeBlanc, A.G., & Chaput, J.P. Mediating role of television time, diet patterns, physical activity and sleep duration in the association between television in the bedroom and adiposity in 10 year-old children. *International Journal of Behavioral Nutrition and Physical Activity*. 2015, 12: 60.
 214. Loprinzi, P.D., Cardinal, B.J., Lee, H., & **Tudor-Locke, C.** Markers of adiposity among children and adolescents: implications of the isotemporal substitution paradigm with sedentary behavior and physical activity patterns. *Journal of Diabetes and Metabolic Disorders*. 2015 27, 14: 46

215. Loprinzi, P.D., & **Tudor-Locke, C.** Weight-activity associations with cardiometabolic risk factors among U.S. youth. *Physiology and Behavior*. 2015, 149: 165-168.
216. LeBlanc, A.G., Katzmarzyk, P.T., Barreira, T.V., Broyles, S.T., Chaput, J.P., Church, T.S., Fogelholm, M., Harrington, D.M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., & Tremblay, M.S. Correlates of total sedentary time and screen time in 9-11 year-old children around the world: The International Study of Childhood Obesity, Lifestyle and the Environment. *PLoS One*. 2015, 10 (6): e0129622.
217. 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*. 2015, 12(1): 89.
218. Katzmarzyk, P.T., Barreira, T.V., Broyles, S.T., Champagne, C.M., Chaput, J.P., Fogelholm, M., Hu, G., Johnson, W.D., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Church, T.S. Relationship between lifestyle behaviors and obesity in children ages 9-11: Results from a 12-country study. *Obesity*. 2015, 23 (8): 1696-1702.
219. Broyles, S.T., Denstel, K.D., Church, T.S. Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Katzmarzyk P.T. for the ISCOLE Research Group. The epidemiological transition and the global childhood obesity epidemic *International Journal of Obesity Supplement. 5: S3-S8*; doi:10.1038/ijosup.2015.12
220. LeBlanc, A.G., Katzmarzyk, P.T., Barreira, T.V., Broyles, S.T., Chapu, J.P., Church, T.S., Fogelholm, M., Harrington, D.M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., & Tremblay, M.S. for the ISCOLE Research Group. Are participant characteristics from ISCOLE study sites comparable to the rest of their country? *International Journal of Obesity Supplement. 2015 Dec;5(Suppl 2):S9-S16*. doi: 10.1038/ijosup.2015.13. Epub 2015
221. Mikkilä, V., Vepsäläinen, H., Saloheimo, T., Gonzalez, S.A., Meisel, J.D., Hu, G., Champagne, C.M., Chaput, J.P., Church, T.S., Katzmarzyk, P.T., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Fogelholm, M. for the ISCOLE Research Group. An international comparison of dietary patterns in 9–11-year-old children. *International Journal of Obesity Supplement. 5: S17-S21*; doi:10.1038/ijosup.2015.14
222. Saloheimo, T., González, S.A., Erkkola, M., Milauskas, D.M., Meisel, J.D., Champagne, C.M., **Tudor-Locke, C.**, Sarmiento, O., Katzmarzyk, P.T., & Fogelholm, M. for the ISCOLE Research Group. The reliability and validity of a short food frequency questionnaire among 9–11-year olds: a multinational study on three middle-income and high-income countries *International Journal of Obesity Supplement. 5: S22-S28*; doi:10.1038/ijosup.2015.15

223. Barreira, T.V., Schuna, J.M., **Tudor-Locke, C.**, Chaput, J.P., Church, T.S., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., Zhao, P., & Katzmarzyk, P.T., for the ISCOLE Research Group Reliability of accelerometer-determined physical activity and sedentary behavior in school-aged children: a 12-country study. *International Journal of Obesity Supplement*. Supp 5: S29-S35; doi:10.1038/ijosup.2015.16
224. Broyles, S.T., Drazba, K.T., Church, T.S., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P. & Katzmarzyk, P.T. for the ISCOLE Research Group. Development and reliability of an audit tool to assess the school physical activity environment across 12 countries. *International Journal of Obesity Supplement*. 5: S36-S42; doi:10.1038/ijosup.2015.17
225. Katzmarzyk, P.T., Barreira, T.V., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Church, T.S. for the ISCOLE Research Group *International Journal of Obesity Supplement*. Association between body mass index and body fat in 9–11-year-old children from countries spanning a range of human development. 5: S43-S46; doi:10.1038/ijosup.2015.18
226. **Tudor-Locke, C.**, Mire, E.F., Barreira, T.V., Schuna, J.M., Chaput, J.P., Fogelholm, M., Hu, G., Kurpad, A., Kuriyan, R., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., Zhao, P., Church, T.S., & Katzmarzyk, P.T. for the ISCOLE Research Group. Nocturnal sleep-related variables from 24-h free-living waist-worn accelerometry: International Study of Childhood Obesity, Lifestyle and the Environment. *International Journal of Obesity Supplement*. 5: S47-S52; doi:10.1038/ijosup.2015.19
227. **Tudor-Locke, C.**, Barreira, T.V., Schuna, J.M., & Katzmarzyk, P.T. for the ISCOLE Research Group. Unique contributions of ISCOLE to the advancement of accelerometry in large studies. *International Journal of Obesity Supplement*. pp 5: S53-S58; doi:10.1038/ijosup.2015.20
228. Chaput, J.P., Katzmarzyk, P.T., LeBlanc, A.G., Tremblay, M.S., Barreira, T.V., Broyles, S.T., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Rae, D.E., Maher, C., Maia, J., Matsudo, V., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., & Olds, T. for the ISCOLE Research Group Associations between sleep patterns and lifestyle behaviors in children: an international comparison. *International Journal of Obesity Supplement*. 5: S59-S65.
229. Vepsäläinen, H., Mikkilä, V., Erkkola, M., Broyles, S.T., Chaput, J.P., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., Church, T.S., Katzmarzyk, P.T., & Fogelholm, M. for the ISCOLE Research Group. Association between home and school food environments and dietary patterns among 9–11-year-old children in 12 countries. *International Journal of Obesity Supplement*. 5: S66-S73.

230. Qiao, Y., Ma, J., Wang, Y., Li, W., Katzmarzyk, P.T., Chaput, J.P., Fogelholm, M., Johnson, W.D., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, O., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Church, T.S., Zhao, P., & Hu, G. for the ISCOLE Research Group *International Journal of Obesity Supplement*. Birth weight and childhood obesity: a 12-country study. 5: S74-S79.
231. Zakrzewski, J.K., Gillison, F.B., Cumming, S., Church, T.S., Katzmarzyk, P.T., Broyles, S.T., Champagne, C.M., Chaput, J.P., Denstel, K.D., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Mire, E.F., Olds, T., Onywera, V., Sarmiento, O.L., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Standage, M. for the ISCOLE Research Group Associations between breakfast frequency and adiposity indicators in children from 12 countries. *International Journal of Obesity Supplement*. 5: S80-S88.
232. Sato, H., Inoue, S., Fukushima, N., Kikuchi, H., Takamiya, T., **Tudor-Locke, C.**, Hikihara, Y., & Tanaka, S. Lower youth steps/day values observed at both high and low population density areas: a cross-sectional study in metropolitan Tokyo. *BMC Public Health*. 2018 Sep 20;18(1):1132.
233. Larouche, R., Sarmiento, O.L., Broyles, S.T., Denstel, K.D., Church, T.S., Barreira, T.V., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Katzmarzyk, P.T., for the ISCOLE Research Group Are the correlates of active school transport context-specific? *International Journal of Obesity Supplement*. 5: S89-S99.
234. Denstel, K.D., Broyles, S.T., Larouche, R., Sarmiento, O.L., Barreira, T.V., Chaput, J.P., Church, T.S., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Katzmarzyk, P.T., for the ISCOLE Research Group. Active school transport and weekday physical activity in 9–11-year-old children from 12 countries. *International Journal of Obesity Supplement*. 5: S100-S106.
235. Sarmiento, O.L., Lemoine, P., Gonzalez, S.A., Broyles, S.T., Denstel, K.D., Larouche, R., Onywera, V., Barreira, T.V., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., Church, T.S., & Katzmarzyk, P.T. for the ISCOLE Research Group Relationships between active school transport and adiposity indicators in school-age children from low-, middle- and high-income countries. *International Journal of Obesity Supplement*. 5: S107-S114.
236. White, D.K., **Tudor-Locke C.**, Zhang, Y., Niu, J., Felson, D.T., Gross, K.D., Nevitt, M.C., Lewis, C.E., Torner, J., & Neogi, T. Prospective change in daily walking over 2 years in older adults with or at risk of knee osteoarthritis: the MOST study. *Osteoarthritis Cartilage*. 2016 Feb;24(2):246-53.
237. Chaput, J.P., Weippert, M., LeBlanc, A.G., Hjorth, M.F., Michaelsen, K.F., Katzmarzyk, P.T., Tremblay, M.S., Barreira, T.V., Broyles, S.T., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tudor-Locke, C., Zhao, P., Sjödin, A.M.; for the ISCOLE Research Group. Are children like werewolves? Full moon and its association with sleep and activity behaviors in an international sample of children. *Frontiers in Pediatrics*,

2016; 4:24.

238. Schuna, J.M. Jr, Barreria T.V., Hsia, D.S., Johnson, W.D., & **Tudor-Locke, C.** Youth energy expenditure during common free-living activities and treadmill walking *Journal of Physical Activity and Health*. 2016;13(6 Supplement 1):S29-S34.
239. Lim, J., Schuna, J.M., Jr., Busa, M.A., Umberger, B.R., Katzmarzyk, P.T., Van Emmerik, R.E.A., & **Tudor-Locke, C.** Allometrically scaled children's clinical and free-living ambulatory behavior. *Medicine and Science in Sport and Exercise*. 2016;48(12):2407-2416.
240. Schuna, J.M. Jr, **Tudor-Locke, C.**, Proença, M., Barreira, T.V., Hsia, D.S., Pitta, F., Vatsavai, P., Guidry, R.D. Jr, Magnusen, M.R., Cowley, A.D., & Martin, C.K. Validation of an integrated pedal desk and electronic behavior tracking platform. *BMC Research Notes*. 2016, 9;9:74.
241. Cameron, C., Craig, C.L., Bauman, A., & **Tudor-Locke, C.** CANPLAY study: Secular trends in steps/day amongst 5-19-year-old Canadians between 2005 and 2014. *Preventive Medicine*. 2016;86:28-33.
242. Muthuri, S.K., Onywera, V.O., Tremblay, M.S., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., Church, T.S., & Katzmarzyk, P.T.; ISCOLE Research Group. Relationships between parental education and overweight with childhood overweight and physical activity in 9-11 year old children: Results from a 12-country study. *PLoS One*. 2016 24;11(8):e0147746.
243. Ferrari, G.L., Matsudo, V., Barreira, T.V., **Tudor-Locke, C.**, Katzmarzyk, P.T., & Fisberg, M. Correlates of moderate-to-vigorous physical activity in Brazilian children. *Journal of Physical Activity and Health*. 2016. 13(10):1132-1145.
244. Fukushima, N., Inoue, S., Hikihara, Y., Kikuchi, H., Sato, H., **Tudor-Locke, C.**, Tanaka, S. Pedometer-determined physical activity among youth in the Tokyo Metropolitan area: a cross-sectional study. *BMC Public Health*. 2016. 16(1):1104
245. Fulton, J.E., Carlson, S.A., Ainsworth, B.E., Berrigan, D., Carlson, C., Dorn, J.M., Heath, G.W., Kohl, H.W. 3rd, Lee, I.M., Lee, S.M., Mâsse, L.C., Morrow, J.R. Jr, Gabriel, K.P., Pivarnik, J.M., Pronk, N.P., Rodgers, A.B., Saelens, B.E., Sallis, J.F., Troiano, R.P., **Tudor-Locke, C.**, & Wendel, A. Strategic priorities for physical activity surveillance in the United States. *Medicine and Science in Sport and Exercise*. 2016;48(10):2057-69.
246. Kheirkhan, M., **Tudor-Locke, C.**, Axtell, R., Buman, M.P., Fielding, R.A., Glynn, N.W., Guralnik, J.M., King, A.C., White, D.K., Miller, M.E., Siddique, J., Brubaker, P., Rejeski, W.J., Ranshous, S., Pahor, M., Ranka, S., & Manini, T.M. Actigraphy features for predicting mobility disability in older adults. *Physiological Measurement*. 2016. 37 (10):1813-1833.
247. Roman-Viñas, B., Chaput, J.P., Katzmarzyk, P.T., Fogelholm, M., Lambert, E.V., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Tremblay M.S.; ISCOLE Research Group. Proportion of children meeting recommendations for 24-hour movement guidelines and associations with adiposity in a 12-country study. *International Journal of Behavioral Nutrition and Physical Activity*. 2016. 13(1):123.
248. Katzmarzyk, P.T., Broyles, S.T., Champagne, C.M., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maia, J., Matsudo, V., Olds, T., Onywera, V.,

- Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, & Zhao, P. Relationship between soft drink consumption and obesity in 9-11 year old children in a multi-national study. *Nutrients*. 2016;8(12).
249. Harrington, D.M., Gillison, F., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., LeBlanc, A.G., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., & Katzmarzyk, P.T. for the ISCOLE Research Group. Household level correlates of children's physical activity levels in and across twelve countries. *Obesity*. 2016;24(10):2150-2157.
250. Zhao, P., Liu, E., Qiao, Y., Katzmarzyk, P.T., Chaput, J.P., Fogelholm, M., Johnson, W.D., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Church, T.S., & Hu, G. Maternal gestational diabetes and childhood obesity of 9-11 years old children in 12 countries. *Diabetologia*. 2016;59(11):2339-2348.
251. King, A.C., Salvo, D., Banda, J.A., Ahn, D.K., Chapman, J.E., Gill, T.M., Fielding, R.A., Demons, J., **Tudor-Locke, C.**, Rosso, A., Pahor, M., & Frank, L.D. Preserving older adults' routine outdoor activities in contrasting neighborhood environments through a physical activity intervention. *Preventive Medicine*, 2017; 96:87-93.
252. Dumuid, D., Olds, T., Lewis, L.K., Martin-Fernández, J.A., Katzmarzyk, P.T., Barreira, T., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maia, J., Matsudo, V., Onywera, V.O., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., Gillison, F., Maher, C. International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE) research group. Health-related quality of life and lifestyle behavior clusters in school-aged children from 12 countries. *Journal of Pediatrics*, 2017; 183:178-183.e2.
253. **Tudor-Locke, C.**, Schuna Jr., J.M., Han, H., Aguiar, E.J., Green, M.A., Busa, M.A., Larrivee, S., & Johnson, W.D. Step-based physical activity metrics and cardiometabolic risk: NHANES 2005-06, *Medicine and Science in Sport and Exercise*. 2017;49(2):283-291.
254. Manyanga, T., Tremblay, M.S., Chaput, J.P., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., Mikkila, V., Broyles, S.T.; ISCOLE Research Group. Socioeconomic status and dietary patterns in children from around the world: different associations by levels of country human development? *BMC Public Health*. 2017; 17(1):457.
255. Qiao, Y., Zhang, T., Liu, H., Katzmarzyk, P.T., Chaput, J.P., Fogelholm, M., Johnson, W.D., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J.A.R., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao, P., Hu, G.; ISCOLE Research Group. Joint association of birth weight and physical activity/sedentary behavior with obesity in children ages 9-11 years from 12 countries. *Obesity*. 2017; 25 (6):1091-1097.
256. Sullivan, S.M., Broyles, S.T., Barreira, T.V., Chaput, J.P., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Zhao P., Katzmarzyk, P.T.; ISCOLE Research Group. Associations of neighborhood social environment attributes and physical activity among 9-11 year old children from

- 12 countries. *Health and Place*. 2017;46:183-191. Wanigatunga, A.A., Ambrosius, W.T., Rejeski, W.J., Gill, T.M., Glynn, N.W., **Tudor-Locke, C.**, & Manini, T.M. Association between structured physical activity and sedentary time in older adults. *JAMA*. 2017;318(3):297-299.
257. Mankowski, R.T., Anton, S.D., Axtell, R., Chen, S.H., Fielding, R.A., Glynn, N.W., Hsu, F.C., King, A.C., Layne, A.S., Leeuwenburgh, C., Manini, T.M., Marsh, A.P., Pahor, M., **Tudor-Locke, C.**, Conroy, D.E., Buford, T.W.; LIFE Research Group. Device-measured physical activity as a predictor of disability in mobility-limited older adults. *Journal of the American Geriatric Society*. 2017;65(10):2251-2256.
258. Sampasa-Kanyinga, H., Standage, M., Tremblay, M.S., Katzmarzyk, P.T., Hu, G., Kuriyan, R., Maher, C., Maia, J., Olds, T., Sarmiento, O.L., **Tudor-Locke, C.**, & Chaput, J.P. Associations between meeting combinations of 24-h movement guidelines and health-related quality of life in children from 12 countries. *Public Health*. 2017;153:16-24.
259. Fielding, R.A., Guralnik, J.M., King, A.C., Pahor, M., McDermott, M.M., **Tudor-Locke, C.**, Manini, T.M., Glynn, N.W., Marsh, A.P., Axtell, R.S., Hsu, F.C., & Rejeski, W.J.; LIFE study group. Dose of physical activity, physical functioning and disability risk in mobility-limited older adults: Results from the LIFE study randomized trial. *PLoS One*. 2017 Aug 18;12(8):e0182155.
260. Wanigatunga, A.A., **Tudor-Locke, C.**, Axtell, R.S., Glynn, N.W., King, A.C., McDermott, M.M., Fielding, R.A., Lu, X., Pahor, M., & Manini, T.M. Effects of a long-term physical activity program on activity patterns in older adults. *Medicine and Science in Sports and Exercise*. 2017;49(11):2167-2175.
261. Gomes, T.N., Katzmarzyk, P.T., Hedeker, D., Fogelholm, M., Standage, M., Onywera, V., Lambert, E.V., Tremblay, M.S., Chaput, J.P., **Tudor-Locke, C.**, Sarmiento, O., Matsudo, V., Kurpad, A., Kuriyan, R., Zhao, P., Hu, G., Olds, T., Maher, C., & Maia, J. Correlates of compliance with recommended levels of physical activity in children. *Science Reports*. 2017;7(1):16507.
262. Cochrane, S.K., Chen, S.H., Fitzgerald, J.D., Dodson, J.A., Fielding, R.A., King, A.C., McDermott, M.M., Manini, T.M., Marsh, A.P., Newman, A.B., Pahor, M., **Tudor-Locke, C.**, Ambrosius, W.T., & Buford, T.W.; LIFE Study Research Group. Association of Accelerometry-Measured Physical Activity and Cardiovascular Events in Mobility-Limited Older Adults: The LIFE (Lifestyle Interventions and Independence for Elders) Study. *Journal of American Health Association*. 2017;6(12).
263. Ferrari, G.L.M., Araújo, T., Oliveira, L.C., Matsudo, V.K.R., Mire, E., Barreira, T., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Accelerometer-determined peak cadence and weight status in children from São Caetano do Sul, Brazil. *Cien Saude Colet*. 2017;22(11):3689-3698.
264. Chaput, J.P., Katzmarzyk, P.T., Barnes, J.D., Fogelholm, M., Hu, G., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Zhao, P., & Tremblay, M.S. for the ISCOLE Research Group. Mid-upper arm circumference as a screening tool for identifying children with obesity: a 12-country study. *Pediatric Obesity*. 2017; 12(6):439-445
265. Katzmarzyk, P.T., Broyles, S.T., Chaput, J.P., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay,

- M.S., & **Tudor-Locke, C.** Sources of variability in childhood obesity indicators and related behaviors. *International Journal of Obesity*. 2018;42(1):108-110.
266. Manyanga, T., Barnes, J.D., Tremblay, M.S., Katzmarzyk, P.T., Broyles, S.T., Barreira, T.V., Fogelholm, M., Hu, G., Maher, C., Maia, J., Olds, T., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Chaput, J.P.; ISCOLE Research Group. No evidence for an epidemiological transition in sleep patterns among children: a 12-country study. *Sleep Health*. 2018;4(1):87-95.
267. **Tudor-Locke, C.**, Schuna, J.M. Jr, Han, H., Aguiar, E.J., Larrivee, S., Hsia, D.S., Ducharme, S.W., Barreira, T.V., Johnson, W.D. Cadence (steps/min) and intensity during ambulation in 6-20 year olds: the CADENCE-kids study. *International Journal of Behavioural Nutrition and Physical Activity*. 2018;15(1):20.
268. Henderson, R.M., Miller, M.E., Fielding, R.A., Gill, T.M., Glynn, N.W. Guralnik, J.M., King, A., Newman, A.B., Manini, T.M., Marsh, A.P., Pahor, M., McDermott, M.M., Rejeski, J., **Tudor-Locke, C.**, Kritchevsky, S.B.; LIFE Study Investigators. Maintenance of physical function 1 year after exercise intervention in at-risk older adults: follow-up from the LIFE Study. *The Journals of Gerontology: Series A Biological Sciences and Medical Sciences*. 2018;75(4):668-694.
269. Rejeski, W.J., Walkup, M.P., Fielding, R.A., King, A.C., Manini, T., Marsh, A.P., McDermott, M., Miller, E.Y., Newman, A.B., **Tudor-Locke, C.**, Axtell, R.S., & Miller, M.E.; LIFE Study Investigators. Evaluating accelerometry thresholds for detecting changes in levels of moderate physical activity and resulting major mobility disability. *The Journals of Gerontology: Series A Biological Sciences and Medical Sciences*. 2018;73(5):660-667.
270. Silva, D.A.S., Chaput, J.P., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Maher, C., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & Tremblay, M.S. Physical education classes, physical activity, and sedentary behavior in children. *Medicine and Science in Sports and Exercise*. 2017;50(5):995-1004.
271. Lin, Y., Tremblay, M.S., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & Chaput, J.P.; ISCOLE Research Group. Temporal and bi-directional associations between sleep duration and physical activity/sedentary time in children: An international comparison. *Preventive Medicine*. 2018;111:436-441.
272. **Tudor-Locke, C.**, Han, H., Aguiar, E.J., Barreira, T.V., Schuna, J.M. Jr, Kang, M., & Rowe, D.A. How fast is fast enough? Walking cadence (steps/min) as a practical estimate of intensity in adults: a narrative review. *British Journal of Sports Medicine*. 2018; 52(12):776-788.
273. Dumuid, D., Maher, C., Lewis, L.K., Stanford, T.E., Martín, Fernández, J.A., Ratcliffe, J., Katzmarzyk, P.T., Barreira, T.V., Chaput, J.P., Fogelholm, M., Hu, G., Maia, J., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, & Olds, T. Human development index, children's health-related quality of life and movement behaviors: a compositional data analysis. *Quality of Life Research*. 2018;27(6):1473-1482.
274. Chaput, J.P., Barnes, J.D., Tremblay, M.S., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Inequality in physical activity, sedentary behaviour, sleep duration and risk of obesity in children: a 12-country study. *Obesity Science and Practice*. 2018; 4(3):229-237.

275. Barreira, T.V., Redmond, J.G., Brutsaert, T.D., Schuna, J.M. Jr, Mire, E.F., Katzmarzyk, P.T., & **Tudor-Locke, C.** Can an automated sleep detection algorithm for waist worn accelerometry replace sleep logs? *Applied Physiology Nutrition and Metabolism*. 2018;43(10):1027-1032.
276. Tully, M.A., Cunningham, C., Cupples, M.E., Farrell, D., Hardeman, W., Hunter, R.F. Laventure, B., McDonough, S.M., Morgan, J., Murphy, M.H., Simpson, E.E.A., **Tudor-Locke, C.**, Wright, A., & Kee, F. Walk with Me: a protocol for a pilot RCT of a peer-led walking programme to increase physical activity in inactive older adults. *Pilot and Feasibility Studies*. 2018; 4:117.
277. Proença, M., Schuna, J.M., Barreira, T.V., Hsia, D.S., Pitta, F., **Tudor-Locke, C.**, Cowley, A.D., & Martin, C.K. Worker acceptability of the Pennington Pedal Desk™ occupational workstation alternative. *Work*. 2018;60(3):499-506.
278. Corbett, D.B., Rejeski, W.J., **Tudor-Locke, C.**, Glynn, N.W., Kritchevsky, S.B., McDermott, M.M., Church, T.S., Fielding, R.A., Gill, T.M., King, A.C., Miller, M.E., Chen, H., Pahor, M., Manini, T.M.; LIFE Study Investigators. Social participation modifies the effect of a structured physical activity program on major mobility disability among older adults: Results from the LIFE Study. *Journal of Gerontology: Psychological Sciences and Social Sciences*. 2018;73(8):1501-1513.
279. Lin, Y., Tremblay, M.S., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Chaput, J.P.; ISCOLE Research Group. Temporal and bi-directional associations between sleep duration and physical activity/sedentary time in children: An international comparison. *Preventive Medicine*. 2019;111:436-441.
280. Chaput, J.P., Barnes, J.D., Tremblay, M.S., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Thresholds of physical activity associated with obesity by level of sedentary behaviour in children. *Pediatric Obesity*. 2018;13(7):450-457.
281. Han, H., Lim, J., Viskochil, R., Aguiar, E.J., **Tudor-Locke, C.**, Chipkin, & S.R. Pilot study of impact of a pedal desk on postprandial responses in sedentary workers. *Medicine and Science in Sports and Exercise*. 2018;50(10):2156-2163.
282. Proença, M., Schuna, J.M., Barreira, T.V., Hsia, D.S., Pitta, F., **Tudor-Locke, C.**, Cowley, A.D., & Martin, C.K. Worker acceptability of the Pennington Pedal Desk™ occupational workstation alternative. *Work*. 2018;60(3):499-506.
283. Ducharme, S.W., Sands, C.J., Moore, C.C., Aguiar, E.J., Hamill, J., & **Tudor-Locke, C.** Changes to gait speed and the walk ratio with rhythmic auditory cuing. *Gait Posture*. 2018;66:255-259.
284. Larouche, R., Mire, E.F., Belanger, K., Barreira, T.V., Chaput, J.P., Fogelholm, M., Hu, G., Lambert, E.V., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Katzmarzyk, P.T., & Tremblay, M.S.; ISCOLE Research Group. Relationships between outdoor time, physical activity, sedentary time, and body mass index in children: A 12-country study. *Pediatric Exercise Science*. 2018;10:1-12.
285. Thivel, D., Tremblay, M.S., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Maher, C., Maia, J., Olds, T., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, Chaput, J.P.; ISCOLE Research Group. Associations between meeting combinations of 24-hour movement recommendations and dietary patterns of children: A 12-country study.

Preventive Medicine. 2019 Jan;118:159-165.

286. Thoma LM, Dunlop D, Song J, Lee J, **Tudor-Locke C**, Aguiar EJ, Master H, Christiansen MB, White DK. Are older adults with symptomatic knee osteoarthritis less active than the general population?: Analysis from the Osteoarthritis Initiative and NHANES. *Arthritis Care Research*. 2018;70(10):1448-1454.
287. Steeves, J.A., **Tudor-Locke, C.**, Murphy, R.A., King, G.A., Fitzhugh, E.C., Bassett, D.R., Van Domelen, D., Schuna, J.M. Jr, Harris, T.B. Daily physical activity by occupational classification in US adults: NHANES 2005-2006. *Journal of Physical Activity and Health*. 2018; 19:1-12.
288. Cavero-Redondo, I., **Tudor-Locke, C.**, Álvarez-Bueno, C., Cunha, P.G., Aguiar, E.J., & Martínez-Vizcaíno, V. Steps per day and arterial stiffness. *Hypertension*. 2019;73(2):350-363.
289. Schuna, J.M. Jr, Hsia, D.S., **Tudor-Locke, C.**, & Johannsen, N.M. Energy expenditure while using workstation alternatives at self-selected intensities. *Journal of Physical Activity and Health*. 2019;16(2):141-148.
290. Chaput, J.P., Tremblay, M.S., Katzmarzyk, P.T., Fogelholm, M., Hu, G., Maher, C., Maia, J., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & Sampasa-Kanyinga, H. Sleep patterns and sugar-sweetened beverage consumption among children from around the world. *Public Health and Nutrition*. 2018; 21(13):2385-2393.
291. Dumuid, D., Stanford, T.E., Martin-Fernández, J.A., Pedišić, Ž., Maher, C.A., Lewis, L.K., Hron, K., Katzmarzyk, P.T., Chaput, J.P., Fogelholm, M., Hu, G., Lambert, E.V., Maia, J., Sarmiento, O.L., Standage, M., Barreira, T.V., Broyles, S.T., **Tudor-Locke, C.**, Tremblay, M.S., Olds, T. Compositional data analysis for physical activity, sedentary time and sleep research. *Statistical Methods in Medical Research*. 2018;27(12):3726-3738.
292. Chaput, J.P., Tremblay, M.S., Katzmarzyk, P.T., Fogelholm, M, Mikkilä, V, Hu, G, Lambert, EV, Maher, C, Maia J, Olds, T, Onywera, V, Sarmiento, O.L., Standage, M., **Tudor-Locke, C.**, & LeBlanc, A.G. Outdoor time and dietary patterns in children around the world. *Journal of Public Health (Oxf)*. 2018;40(4):e493-e501.
293. **Tudor-Locke, C.** & Aguiar, E. Towards comprehensive step-based physical activity guidelines: Are we ready? *Kinesiology Reviews*. 2019;8(1);1-7.
294. **Tudor-Locke, C.**, Aguiar, E.J., Han, H., Ducharme, S.W., Schuna, J.M. Jr, Barreira, T.V., Moore, C.C., Busa, M.A., Lim, J., Sirard, J.R., Chipkin, S.R., & Staudenmayer, J. Walking cadence (steps/min) and intensity in 21-40 year olds: CADENCE-adults. *International Journal of Behavioral Nutrition and Physical Activity*. 2019;16(1):8.
295. Aguiar, E.J., Schuna, J.M. Jr, Barreira, T.V., Mire, E.F., Broyles, S.T., Katzmarzyk, P.T., Johnson, W.D., **Tudor-Locke, C.** Normative peak 30-min cadence (steps/min) values for older adults: NHANES 2005-2006. *Journal of Aging and Physical Activity*. 2019 Jan 24:1-22.
296. Li, N., Zhao, P., Diao, C., Qiao, Y., Katzmarzyk, P.T., Chaput, J.P., Fogelholm, M., Kuriyan, R., Kurpad, A., Lambert, E.V., Maher, C., Maia, J., Matsudo, V., Olds, T., Onywera, V., Sarmiento, O.L., Standage, M., Tremblay, M.S., **Tudor-Locke, C.**, Hu, G.; ISCOLE Research Group. Joint associations between weekday and weekend physical activity or sedentary time and childhood obesity. *International Journal of Obesity (London)*. 2019;43(4):691-700.

297. Jalo E, Konttinen H, Vepsäläinen H, Chaput JP, Hu G, Maher C, Maia J, Sarmiento OL, Standage M, **Tudor-Locke C**, Katzmarzyk PT, Fogelholm M. Emotional eating, health behaviours, and obesity in children: A 12-Country Cross-Sectional Study. *Nutrients*. 2019 Feb 7;11(2).
298. Fanning J, Rejeski WJ, Chen SH, Nicklas BJ, Walkup MP, Axtell RS, Fielding RA, Glynn NW, King AC, Manini TM, McDermott MM, Newman AB, Pahor M, **Tudor-Locke C**, Miller ME; LIFE Study Investigators. A case for promoting movement medicine: preventing disability in the LIFE randomized controlled trial. *J Gerontol: The Journals of Gerontology: Series A Biological Sciences and Medical Sciences*. 2019
299. Zakrzewski-Fruer JK, Gillison FB, Katzmarzyk PT, Mire EF, Broyles ST, Champagne CM, Chaput JP, Denstel KD, Fogelholm M, Hu G, Lambert EV, Maher C, Maia J, Olds T, Onywera V, Sarmiento OL, Tremblay MS, **Tudor-Locke C**, Standage M; ISCOLE Research Group. Association between breakfast frequency and physical activity and sedentary time: a cross-sectional study in children from 12 countries. *BMC Public Health*. 2019 Feb 21;19(1):222.
300. Katzmarzyk PT, Chaput JP, Fogelholm M, Hu G, Maher C, Maia J, Olds T, Sarmiento OL, Standage M, Tremblay MS, **Tudor-Locke C**. International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE): Contributions to understanding the global obesity epidemic. *Nutrients*. 2019
301. Barreira TV, Broyles ST, **Tudor-Locke C**, Chaput JP, Fogelholm M, Hu G, Kuriyan R, Lambert EV, Maher CA, Maia JA, Olds T, Onywera V, Sarmiento OL, Standage M, Tremblay MS, Katzmarzyk PT; ISCOLE Research Group. Epidemiological Transition in Physical Activity and Sedentary Time in Children. *Journal of Physical Activity and Health* 2019; 19:1-7.
302. Martin CK, Johnson WD, Myers CA, Apolzan JW, Earnest CP, Thomas DM, Rood JC, Johannsen NM, **Tudor-Locke C**, Harris M, Hsia DS, Church TS. Effect of different doses of supervised exercise on food intake, metabolism, and non-exercise physical activity: The E-MECHANIC randomized controlled trial. *The American Journal of Clinical Nutrition*. 2019 1;110(3):583-592.
303. Adams B, Fidler K, Demoes N, Aguiar EJ, Ducharme SW, McCullough AK, Moore CC, **Tudor-Locke C**, Thomas D., Cardiometabolic thresholds for peak 30-min cadence and steps/day. *PLoS One*. 2019 2;14(8):e0219933.
304. Perry DC, Moore CC, Sands CJ, Aguiar EJ, Gould ZR, **Tudor-Locke C**, Ducharme SW. Using Music-Based Cadence Entrainment to Manipulate Walking Intensity. *Journal of Physical Activity and Health*. 2019 10:1-8.
305. **Tudor-Locke C**, Schuna JM, Swift DL, Dragg AT, Davis AB, Martin CK, Johnson WD, Church TS. Evaluation of Step-Counting Interventions Differing on Intensity Messages. *Journal of Physical Activity and Health* 2019; 6:1-8
306. Aguiar EJ, Gould ZR, Ducharme SW, Moore CC, McCullough AK, **Tudor-Locke C**. Cadence-based Classification of Minimally Moderate Intensity During Overground Walking in 21- to 40-Year-Old Adults. *Journal of Physical Activity and Health* 2019; 6:1-6.
307. Xiao Q, Chaput JP, Olds T, Fogelholm M, Hu G, Lambert EV, Maher C, Maia J, Onywera V, Sarmiento OL, Standage M, Tremblay MS, **Tudor-Locke C**, Katzmarzyk PT, International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE). Sleep characteristics and health-related quality of life in 9- to 11-year-old children from 12 countries. *Sleep Health*. 2019 4. pii: S2352-7218(19)30212-8.

308. Liangruenrom N, Craike M, Dumuid D, Biddle SJH, **Tudor-Locke C**, Ainsworth B, Jalayondeja C, van Tienoven TP, Lachapelle U, Weenas D, Berrigan D, Olds T, Pedisic Z.; Standardised Criteria for Classifying the International Classification of Activities for Time-Use Statistics (ICATUS) Activity Groups Into Sleep, Sedentary Behaviour, and Physical Activity. *International Journal of Behavioral Nutrition and Physical Activity*. 2019; 16(1): 106

Original Manuscripts Accepted (in press) in Peer-reviewed Journals:

1. Migueles, J.H., Cadenas-Sanchez, C., **Tudor-Locke, C.**, Esteban-Cornejo, I., Molina-Garcia, P., Mora-Gonzalez, J., Rodriguez-Ayllon, M., Garcia-Marmol, E., Ekelund, U., & Ortega, F.B. Comparability of published cut-points for the assessment of physical activity: Implications for data harmonization. *Scandinavian Journal of Medicine in Science and Sports*. (in press).
2. Tully MA, Cunningham C, Wright A, McMullan I, Doherty J, Collins D, **Tudor-Locke C**, Morgan J, Phair G, Laventure B, Simpson EEA, McDonough SM, Gardner E, Kee F, Murphy MH, Agus A, Hunter RF, Hardeman W, Cupples ME. Peer-led walking programme to increase physical activity in inactive 60- to 70-year-olds: Walk with Me pilot RCT. Southampton (UK): NIHR Journals Library; (in press).
3. Martin C.K., Johnson, W.D., Myers, C.A, Apolzan, J.W., Earnest, C.P., Thomas, D.M., Rood, J.C., Johannsen, N.M., **Tudor-Locke, C.**, Harris, M., Hsia, D.S., & Church, T.S. Effect of different doses of supervised exercise on food intake, metabolism, and non-exercise physical activity: The E-MECHANIC randomized controlled trial. *Am J Clin Nutr*. 2019

Books:

1. Shephard, R.J., **Tudor-Locke, C.** (2016). *The Objective Monitoring of Physical Activity: Contributions of Accelerometry to Epidemiology, Exercise Science and Rehabilitation*. Cham: Springer; 2016.
2. **Tudor-Locke, C.** *Manpo-kei: The Art and Science of Step Counting*. Victoria, BC: Trafford Publishing, Inc.

Chapters:

1. **Tudor-Locke, C.** Forward. In A.M. Myers. *Program Evaluation for Exercise Leaders*. Champaign IL: Human Kinetics, 1999.
2. Wilcox, S., **Tudor-Locke, C.**, & Ainsworth, B. Aging of activity patterns and motivation of the elderly. In R. Shephard (Ed). *Physical Activity and Gender Differences in the Aging Process*. CRC Press, 2002.
3. Mayer-Davis, E.J., D'Antonio, A., & **Tudor-Locke, C.** Lifestyle for Diabetes Prevention. In M.J. Franz (Ed.). *A Core Curriculum for Diabetes Education: Diabetes in the Life Cycle and Program Management*. 4th Edition, Chicago, IL: American Diabetes Association, 2002.
4. Pettee, K.K., **Tudor-Locke, C.**, Ainsworth, B.E. Field Assessment of Physical Activity

- and Energy Expenditure among Adults in *Nutritional Assessment of Athletes*. Editor: JA Driskell and I Wolinsky, Boca Raton, FL: CRC Press, 2002.
5. Ainsworth, B.E., LaMonte, M.J., & **Tudor-Locke, C.** Physical Activity. In R. Anderson (Ed.). *Obesity: Etiology, Assessment, Treatment, and Prevention*. Champaign, IL: Human Kinetics Publishers, Human Kinetics, 2003.
 6. **Tudor-Locke, C.** Physical activity level and mode of transportation. In *Physical Activity and Obesity*. Editors: Katzmarzyk and Bouchard, Champaign, IL: Human Kinetics Publishers, Human Kinetics, 2010.
 7. **Tudor-Locke, C.** Physical Activity and Obesity. In *Physical Activity and Public Health Practice*. Editors: B.E. Ainsworth, C. Macera. Boca Raton, FL: CRC Press, 2012.

Miscellaneous Publications

Technical and Consulting Reports:

1. Ecclestone, N.A., **Tudor-Locke, C.**, Paterson, D., & Myers, A. The Development of Physical Fitness Programs for Older Adults (Including the Frail Elderly) and the Distribution of these Programs Through the Seniors' Fitness Instructor Course (SFIC). Prepared for the Senior's Independence Program, Health Canada, April, 1996. **Tudor-Locke, C.**, Myers, A., & Ecclestone, N.A. A Process and Implementation Evaluation of the Home Support Exercise Program. Prepared for the Active Living Coordinating Centre for Older Adults, Partners in Aging, New Horizons, April 1997. Ecclestone, N.A., Jones, G., **Tudor-Locke, C.**, Fitzgerald, C., Myers, A., Paterson, D., & Jacob, S. Programs Promoting the Health and Well-being of Isolated Older Adults at Risk. Prepared for New Horizons, Partners in Aging, April 1997.
2. **Tudor-Locke, C.**, & Myers, A. Needs Assessment of Diabetes Educators and Clients Concerning Physical Activity Guidelines. Prepared for the Lawson Diabetes Centre, August, 1997.
3. **Tudor-Locke, C.** How Many Steps are Enough? For Adults. Report prepared for the Public Health Agency of Canada, May 2010.
4. **Tudor-Locke, C.** How Many Steps are Enough? For Children and Adolescents. Report prepared for the Public Health Agency of Canada, May 2010.
5. **Tudor-Locke, C.** How Many Steps are Enough? For Older Adults and Special Populations. Report prepared for the Public Health Agency of Canada, May 2010.

Other Publications:

1. **Tudor-Locke, C.**, Ecclestone, N.A., Paterson, D.H., & Cunningham, D.A. Seniors' Fitness Instructors Course Resource Manual. The Centre for Activity and Ageing, London, Ontario, 1997.
2. Ecclestone, N.A., Cyarto, E., Fitzgerald, C., Harris, D., Jacob, S., Jones, G., Paterson, D.H., Stathokostas, L., & **Tudor-Locke, C.** Home Support Exercise Program (HSEP) Facilitator Guide, 1997.
3. **Tudor-Locke, C.**, Ecclestone, N.A., Paterson, D.H., & Cunningham. Long-term Care Physical Activity Workshop Resource Manual, The Centre for Activity and Ageing, London, Ontario, 1999.
4. **Tudor-Locke, C.** The First Step Program: A Program to Increase Daily Physical Activity. Participant Workbook. The Centre for Activity and Ageing, London,
 Catrine Tudor-Locke, PhD, FACSM, FNAK – April 2020

- Ontario, 1999.
5. **Tudor-Locke, C.** The First Step Program: A Program to Increase Daily Physical Activity. Leaders Manual. The Centre for Activity and Ageing, London, Ontario, 2002.
 6. Chan, C., Harper, J., Morrison, G., Spangler, L., Lauzon, N., & **Tudor-Locke, C.** The First Step Program: increasing activity levels in Prince Edward Islanders. *Diabetes Quarterly*, Canadian Diabetes Association, Spring 2003.
 7. Brisson, T. & **Tudor-Locke, C.** The Health Benefits of Physical Activity and the Role of Step Counters, Insert to the *Canadian Journal of Dietetic Practice and Research*, 2004, 65 (1).
 8. Rogers, L.Q. & **Tudor-Locke, C.** Physical activity reactivity: More questions than answers (Letter-to-the-editor). *Measurement in Physical Education and Exercise Science*, 2006, 10(4):269-271.
 9. **Tudor-Locke, C.**, McClain, J.J., Hart, T.L., Sisson, S.B., & Washington, T.L. Response to “A step in the right direction: Commentary on expected values for pedometer- determined physical activity in youth.” *Research Quarterly for Exercise and Sport*, 81(2):125-126.

Abstracts and Proceedings: *I have made multiple presentations at national and international conferences, resulting in over 160 abstracts/conference presentations to date.*

1. **Tudor-Locke, C.E.**, Lazowski, D.A., Ecclestone, N.A., & Fitzgerald, C. Barriers to physical activity in long-term care institutions. *Journal of Aging and Physical Activity* 1995, 3:434.
2. Ecclestone, N., **Tudor-Locke, C.**, Lazowski, D., & Myers, A. Programming and evaluation insights into physical activity for special older populations. *Journal of Aging and Physical Activity* 1995, 3:424-5.
3. Myers, A., Petrella, R., Ecclestone, N., **Tudor-Locke, C.**, & O'Brien Cousins, S. Two new measures: Vitality Plus and Functional Fitness. *The Gerontologist* 1996, 36:114.
4. Jones, G.R., **Tudor-Locke, C.**, Ecclestone, N.A., & Myers, A. Leadership training for exercise programs for frail older adults in long-term care facilities or in homebound settings. *Journal of Aging and Physical Activity* 1997, 5:394.
5. Lazowski, D.A., Ecclestone, N.A., Jones, G.R., Paterson, D.H., Fitzgerald, C., & **Tudor-Locke, C.** Improving the flexibility of frail older adults living in long-term care institutions using a group exercise programme. *Journal of Aging and Physical Activity* 1997, 5:377.
6. **Tudor-Locke, C.**, Ecclestone, N.A., Myers, A., & Jones, G.R. Issues in implementing a home-based exercise program through home support infrastructure. *Journal of Aging and Physical Activity* 1997, 5:397-398.
7. Jones, G.R., **Tudor-Locke, C.**, Ecclestone, N.A., Myers, A., & Jacob, S. Exercise programs for homebound older adults. *Journal of Aging and Physical Activity* 1997,5:397.
8. Lazowski, D.A., Ecclestone, N.A., Paterson, D.H., Fitzgerald, C., Shima, N. & **Tudor-Locke, C.** A group exercise program to improve balance, mobility, and strength in frail seniors: A randomized controlled trial. *The Gerontologist* 1997, 3:150.
9. Jones, G.R., **Tudor-Locke, C.**, Ecclestone, N.A., Myers, A., & Jacob, C. Home care delivery of exercise to frail older adults. *The Gerontologist* 1997, 3:157.
10. **Tudor-Locke, C.**, & Myers, A.M. Exercise adoption and maintenance in class-based

- programs for older men. *The Gerontologist* 1998, 38:170.
11. **Tudor-Locke, C.**, Bell, R.C., & Myers, A.M. Stage of change is not a good indicator of current daily physical activity. *Medicine and Science in Sport and Exercise* 1999, 31:S392.
 12. **Tudor-Locke, C.** & Myers, A.M. Increasing physical activity using pedometers as feedback tools. *Journal of Aging and Physical Activity* 1999, 7:295.
 13. **Tudor-Locke, C.**, Roger, N.W., Myers, A.M., Bell, R., & Harris, S. Preliminary evaluation of the First Step Program. Proceedings of *Canadian Diabetes Association Annual Conference*, 1999.
 14. **Tudor-Locke, C.** , Myers, A.M., Bell, R.C., Rodger, N.W. Using pedometers to assess physical activity in individuals with Type 2 diabetes. *Diabetes* 2000, 49(Suppl. 1): A392.
 15. **Tudor-Locke, C.** Proceedings of the *National Forum on Older Adults and Active Living*. London: Canadian Centre for Activity and Ageing, 2000.
 16. **Tudor-Locke, C.E.**, Ainsworth, B.E., Popkin, B.M. Objectively determined physical activity of Philippine youth stratified for commuting mode to school: walkers vs. riders. *Medicine and Science in Sport and Exercise*, 2001, 33(Suppl. 5): S 36.
 17. Flohr, J.A., Crist, C.E., **Tudor-Locke, C.** Measurement of physical activity including physical education class in adolescents using pedometry. *Medicine and Science in Sport and Exercise*, 2001, 33(Suppl. 5): S232.
 18. Mitek, N.L., **Tudor-Locke, C.E.**, Bell, R.C., Myers, A.M., Harris, S.B., Rodger, N.W. Pedometer-determined ambulatory activity in individuals with type 2 diabetes. *Medicine and Science in Sport and Exercise*, 2001, 33(Suppl. 5): S252.
 19. Jones, G.R., **Tudor-Locke, C.E.**, Paterson, D.H. Measuring physical activity in older adult exercisers with pedometers: importance of assessing weekdays and weekend days. *Medicine and Science in Sport and Exercise*, 2001, 33(Suppl. 5): S252.
 20. Welsh, R.S. Titus, M., **Tudor-Locke, C.**, & Ainsworth, B.E. Assessment of commuting-related physical activity behavior using pedometers, questionnaires, and GIS technology. *Medicine and Science in Sport and Exercise*, 2002, 34(Suppl. 5): S41.
 21. Matthews, C.E., DuBose, K.D., LaMonte, M., **Tudor-Locke, C.**, & Ainsworth, B.E. Evaluation of a computerized 24-hour physical activity recall (24PAR). *Medicine and Science in Sport and Exercise*, 2002, 34(Suppl. 5): S41.
 22. Bassett, D.R., **Tudor-Locke, C.E.**, & Dunn, A.L. Use of pedometers in promoting physical activity: How many steps are enough? *Medicine and Science in Sport and Exercise*, 2002, 34(Suppl. 5): S155.
 23. **Tudor-Locke, C.**, Ainsworth, B.E., Whitt, M.C., Thompson, R., Addy, C.L., Jones, D.A. Pedometer-assessed ambulatory activity and cardiorespiratory fitness. *Medicine and Science in Sport and Exercise*, 2002, 34(Suppl. 5): S229.
 24. DuBose, K.D., Cooper, R.S., **Tudor-Locke, C.**, & Ainsworth, B.E. Rounding and digit preference: sources of bias in self-reported physical activity. *Medicine and Science in Sport and Exercise*, 2002, 34(Suppl. 5): S265.
 25. **Tudor-Locke, C.**, & Ainsworth, B.E. Acceptability and feasibility of pedometer surveillance, *International Journal of Behavioral Medicine*, 2002, 9(suppl. 1): 277.
 26. **Tudor-Locke, C.** The evolution of pedometer-based programming. *International Journal of Behavioral Medicine*, 2002, 9(suppl. 1): 276.
 27. Kang, M., Zhu, W., **Tudor-Locke, C.**, & Ainsworth, B.E. An experimental determination of the best missing-value recovery method in assessing physical activity using pedometers. *Research Quarterly for Exercise and Sport*, 2003, 74(suppl.1): A-25.
 28. Lauzon, N.L., **Tudor-Locke, C.**, Myers, A.M., Bell, R., Rodger, N.W., Chan, C.,

- McCargar, L., Speechley, M., & Jones, G.R. Effectiveness of a diabetes education center- based physical activity intervention. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S136.
29. Whitt, M.C., DuBose, K.D., Ainsworth, B.E., & **Tudor-Locke, C.** Walking patterns in a tri-ethnic sample of women: the Cross-Cultural Activity Participation Study. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S187.
 30. Elsenbaumer, K.M., & **Tudor-Locke, C.** Accuracy of pedometers in adults stratified by body mass index category. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S282.
 31. Le Masurier, G.C., & **Tudor-Locke, C.** Comparison of pedometer and accelerometer accuracy during treadmill walking. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S283.
 32. Matevey, C., Rogers, L.Q., Dawson, B., & **Tudor-Locke, C.** Reactivity to pedometer self-monitoring: a randomized controlled crossover study. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S284.
 33. Cyarto, E.V., Myers, A.M. & **Tudor-Locke, C.** Pedometer accuracy in institutional and community older adults. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S286.
 34. **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. *Medicine and Science in Sport and Exercise*, 2003, 35(suppl. 5): S341.
 35. Lauzon, N., **Tudor-Locke, C.**, Myers, A.M., Rodger, N.W., Bell R.B., Chan, C.B., McCargar, L., Speechley, M., & Jones, G. *Diabetes*, 2003, 52 (supp 1): A236.
 36. **Tudor-Locke, C.**, Ainsworth, B., Popkin, B. Patterns of physical activity and obesity among 7-13 year old Russian children: A seven-year nationally representative monitoring study, *Obesity Research*, 2003, 11(suppl.) :A94.
 37. **Tudor-Locke, C.**, Ham, S., Macera, C., Ainsworth, B., Kirtland, K., Reis, J., Kimsey, C. Descriptive epidemiology of pedometer-determined physical activity. *Obesity Research*, 2003, 11(suppl.):A96.
 38. **Tudor-Locke, C.**, Lee, S.M., Morgan, C.F., Beighle, A., Pangrazi, R.P. Sex-specific activity patterns of the segmented school day. *Research Quarterly for Exercise and Sport*, 2004, 75(suppl.1): A-32.
 39. **Tudor-Locke, C.**, Bittman, M., Merom, D., Bauman, D. Patterns of walking for exercise and transport. *Annals of Behavioral Medicine*, 2004, 27(suppl.): S114.
 40. Morss, G.M., Jordan, A.N., Church, T.S., Priest, E.L., **Tudor-Locke, C.** Daily steps recorded by self-reported sedentary postmenopausal women. *Medicine and Science in Sport and Exercise*, 2004, 36 (suppl. 5): S32.
 41. Jordan, A.N., Morss, G.M., Church, T.S., **Tudor-Locke, C.** Linking pedometers to weekly physical activity public health recommendation for sedentary postmenopausal women. *Medicine and Science in Sport and Exercise*, 2004, 36 (suppl. 5): S32.
 42. **Tudor-Locke, C.** From research to practice: Theory-based physical activity intervention for individuals with Type 2 diabetes. *Medicine and Science in Sport and Exercise*, 2004, 36 (suppl. 5): S185.
 43. **Tudor-Locke, C.**, Myers, A.M., Bell, R., Rodger, N.W., Chan, C.B., McCargar, L., Speechley, M., Lauzon, N., Lusk, E., & Jones, G. Impact of professional vs. peer-led pedometer based program. *Medicine and Science in Sport and Exercise*, 2004, 36 (suppl. 5): S242.

44. Sisson, S.B., Le Masurier, G.C., Elsenbaumer, K., Pipe, T., & **Tudor-Locke, C.** Accuracy of accelerometer-detected steps taken across body mass index categories. *Medicine and Science in Sport and Exercise*, 2005, 37 (suppl. 5): S115.
45. Lillie, T., Sell, K., Taylor, J., Vener, J., Ransdell, L., & **Tudor-Locke, C.** Physical activity recommendations can be met using a physically interactive video game among college students. *Medicine and Science in Sport and Exercise*, 2005, (suppl. 5): S248.
46. Taylor, J.E., Sell, K., Lillie, T., Vener, J., Ransdell, L.B., & **Tudor-Locke, C.** Energy expenditure during physically active interactive video game playing in male college students with different playing experience. *Medicine and Science in Sport and Exercise*, 2005, (suppl. 5): S329.
47. Sell, K., Lillie, T., Taylor, J., Vener, J., Ransdell, L., & **Tudor-Locke, C.** Quantifying upper body physical activity during interactive video gaming for college students. *Medicine and Science in Sport and Exercise*, 2005, (suppl. 5): S329.
48. **Tudor-Locke, C.**, Reese, C., Mason, M., Beard, L., Woolf, K., & Vaughan. Anthropometric evaluation of a step/day cut point in women. *Medicine and Science in Sport and Exercise*, 2005, (suppl. 5): S474.
49. McClain, J.J., Peterson, M.D., & **Tudor-Locke, C.** Comparison of time in MVPA between MTI Actigraph accelerometer activity counts and GPS walking speed. *Medicine and Science in Sport and Exercise*, 2006, 38(suppl. 5): S103.
50. Washington, T.L., Craig, C.L., McClain, J.J., Sisson, S.B., & **Tudor-Locke, C.** Comparison of Lifecorder and MTI ActiGraph accelerometer estimates of measuring physical activity energy expenditure. *Medicine and Science in Sport and Exercise*, 2006, 38(suppl. 5): S103.
51. Johnson, T.G., Kulinna, P.H. **Tudor-Locke, C.**, Darst, P.W. & Pangrazi, R.P. Physical education step count patterns of secondary students living in two Native American communities. *Research Quarterly for Exercise and Sport*, 2007, 78(1): A61.
52. Lee, C.D., Ainsworth, B.E., & **Tudor-Locke, C.** Association between lifestyle risk factors and peripheral artery disease in U.S. adults: NHANES 1999-2002. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S46.
53. McClain, J.J., Johnson, T.G., Brusseau, T.A., Washington, T.L., **Tudor-Locke, C.**, & Darst, P.W. Comparison of two accelerometers for measuring physical education in 8th grade youth. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S179.
54. Abraham, T.L., McClain, J.J., Pettee, K.K., & **Tudor-Locke, C.** Laboratory validation of two activity monitors for measuring time in sitting, standing, and walking behaviors. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S184.
55. Marshall, S.J., Levy, S.S., Ainsworth, B.E., Kolkhorst, F.W., **Tudor-Locke, C.**, Macera, C.A., Wooten, K.M., & Ji, M. Translating CDC/ACSM physical activity recommendations into pedometer-based step indices. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S187.
56. Sisson, S.B. & **Tudor-Locke, C.** Importance of active commuting to meeting physical activity recommendations in a university sample. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S196.
57. Ramirez, E.R., Hodges-Kulinna, P., Barnes, K., Martin, J., & **Tudor-Locke, C.** Determinants of physical activity behaviors in Native American youth. *Medicine and Science in Sport and Exercise*, 2007, 39(suppl. 5): S490.
58. Abraham, T.L., McClain, J.J., & **Tudor-Locke, C.** The sex-stratified relationship

- between sitting and walking. *Medicine and Science in Sport and Exercise*, 2008, 40(suppl. 5): S37.
59. Abraham, T.L., McClain, J.J., Getz, R.S., & **Tudor-Locke, C.** Comparison of low cost objective physical activity assessment instruments versus the ActiGraph accelerometer. *Medicine and Science in Sport and Exercise*, 2008, 40(suppl. 5): S63.
 60. **Tudor-Locke, C.**, Burton, N.W., & Brown, W.J. Steps/day, BMI in 54059 year old women by self-reported occupational sitting and leisure physical activity. *Medicine and Science in Sport and Exercise*, 2008, 40(suppl. 5): S63-S64.
 61. Kang, M., Bassett, D.R., & **Tudor-Locke, C.** Validity of habitual physical activity: A study of 365 days of pedometer monitoring. *Medicine and Science in Sport and Exercise*, 2008, 40(suppl. 5): S201.
 62. Bassett, D.R., Kang, M., & **Tudor-Locke, C.** How many days of pedometer monitoring? Consecutive versus random days of data collection. *Medicine and Science in Sport and Exercise*, 2008, 40(suppl. 5): S203.
 63. Brusseau, T. A., Kulinna, P. H., **Tudor-Locke, C.**, van der Mars, H., & Darst, P.W. Children's Physical Activity on Physical Education and Non-Physical Education Days. *Research Quarterly for Exercise and Sport*, 2009, 80, A-52.
 64. Brusseau, T.A., Kulinna, P.H., **Tudor-Locke, C.**, Ferry, M., & van der Mars, H. The segmented physical activity patterns of fourth and fifth grade elementary school children. *Medicine and Science in Sport and Exercise*, 2009, 41(suppl. 5): S193.
 65. **Tudor-Locke, C.**, Johnson, W.D., & Katzmarzyk, P.T. Accelerometer-determined steps/day in U.S. adults. *Medicine and Science in Sport and Exercise*, 2009, 41(suppl. 5): S310.
 66. Barreira, T.V., Ragan, B.G., Bassett, D.R., **Tudor-Locke, C.**, & Kang, M. Impact of season on step-count reliability: a generalizability theory approach. *Medicine and Science in Sport and Exercise*, 2009, 41(suppl. 5): S352
 67. Kang, M., Bassett, D.R., **Tudor-Locke, C.**, Barreira, T.V., & Ainsworth, B.E. Effects of seasonal and monthly variability on measurement of pedometer data. *Medicine and Science in Sport and Exercise*, 2009, 41(suppl. 5): S353.
 68. Craig, C.L., Cameron, C., & **Tudor-Locke, C.** Pedometer-determined physical activity among Canadian children. International Congress on Physical Activity and Public Health, ICPAH Oral Presentations, May 5-8, Toronto, Canada, p.1.
 69. Cameron, C., Craig, C.L., & **Tudor-Locke, C.** Why are Jack and Jill active? Examining the correlates of pedometer-determined physical activity. International Congress on Physical Activity and Public Health, ICPAH Oral Presentations, May 5-8, Toronto, Canada, p.2.
 70. **Tudor-Locke, C.**, Cameron, C., & Craig, C.L. Risk of overweight/obesity by steps/day and TV watching time in Canadian youth. International Congress on Physical Activity and Public Health, ICPAH Oral Presentations, May 5-8, Toronto, Canada, p.3.
 71. Craig, C.L., Cameron, C., & **Tudor-Locke, C.** Using pedometers for national monitoring and surveillance. International Congress on Physical Activity and Public Health, ICPAH Oral Presentations, May 5-8, Toronto, Canada, p.4.
 72. **Tudor-Locke, C.**, Johnson, W.D., Katzmarzyk, P.T. 10 most frequently reported non- work sedentary behaviors in the American Time Use Survey (ATUS). International Congress on Physical Activity and Public Health, ICPAH Scientific Posters, May 5-8, Toronto, Canada, p. 198.
 73. **Tudor-Locke, C.**, Johnson, W.D., Katzmarzyk, P.T. Accelerometer-determined steps/day in U.S. children and youth. *Medicine and Science in Sport and Exercise*,

2010, 42 (suppl. 5): S37.

74. Camhi, S.M., Sisson, S.B., Johnson, W.D., Katzmarzyk, P.T., & **Tudor-Locke, C.** Accelerometer-determined lifestyle activity, cardiovascular disease risk factors and metabolic syndrome. *Medicine and Science in Sport and Exercise*, 2010, 42(suppl. 5): S56.
75. Hart, T.L, Ainsworth, B.E., & **Tudor-Locke, C.**, Epoch-by-epoch comparison of objectively and subjectively assessed sedentary behavior and physical activity. *Medicine and Science in Sport and Exercise*, 2010, 42(suppl. 5): S252.
76. Hart, T.L, Ainsworth, B.E., & **Tudor-Locke, C.** Objective and subjective measures of sedentary behavior and physical activity. *Medicine and Science in Sport and Exercise*, 2010, 42(suppl. 5): S343.
77. Harrington, D.M., **Tudor-Locke, C.**, Champagne, C.M., Broyles, S.T., Harsha, D.W., Kennedy, B.M., Johnson, W.D., Allen, R., & Katzmarzyk, P.T. Translation of moderate- to-vigorous physical activity recommendations into pedometer-based stepping tarts to the Lower Mississippi Delta. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S235
78. Harrington, D.M., Dowd, K.P., **Tudor-Locke, C.** & Donnelly, A.E. Cadence (steps/min) patterns in high and low active adolescent females. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S485
79. Katzmarzyk, P.T., Champagne, C., **Tudor-Locke, C.**, Broyles, S.T., Harsha, D., Kennedy, B.M., & Johnson, W.D. Increasing moderate-to-vigorous physical activity in Lower Mississippi Delta. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S492.
80. **Tudor-Locke, C.**, Camhi, S.M., Leonardi, C., Johnson, W.D., Katzmarzyk, P.T., & Earnest, C.P. Patterns of stepping cadence in the 2005-2006 NHANES. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S480.
81. Barreira, T.V., **Tudor-Locke, C.**, Champagne, C., Broyles, S.T., Harsha, D., Kennedy, B.M., Johnson, W.D., Allen, R., & Katzmarzyk, P.T. Comparison of Yamax pedometer and GT3X accelerometer steps in a free-living sample. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S480.
82. **Tudor-Locke, C.**, Leonardi, C., Johnson, W.D. & Katzmarzyk, P.T. Accelerometer steps/day translation of moderate-to-vigorous activity. *Medicine and Science in Sport and Exercise*, 2011, 43(suppl. 5): S482.
83. Barreira, T.V., **Tudor-Locke, C.**, Champagne, C., Broyles, S.T., Harsha, D., Kennedy, B. M., Johnson, W.D., Allen, R., & Katzmarzyk, P.T. Patterns of change in daily step count, where does the change happen? 2nd International Conference on Ambulatory Monitoring of Physical Activity and Movement, Glasgow, Scotland, May 2011. Conference Proceedings.
84. **Tudor-Locke, C.**, Leonardi, C., Johnson, W.D., Church, T.S., & Katzmarzyk, P.T. Time spent in physical activity and sedentary behaviors on the working day: The American Time Use Survey. International Perspectives On Time use, Maryland Populations Research Center, June 23-24, 2011. Conference Proceedings.
85. **Tudor-Locke, C.**, Brashear, M.M., & Johnson, W.D. Steps/day, peak 30-minute cadence and indicators of Type 2 diabetes risk: 2005-2006 NHANES. International Society of Behavioral Nutrition and Physical Activity, Austin, Texas, May 2012. Conference Proceedings.
86. **Tudor-Locke, C.**, De Bourdeaudhuij, I., Cardon, G. & Rowe, D. How many steps/day are enough for children/adolescents, adults, older adults and special populations? International Society of Behavioral Nutrition and Physical Activity, Austin, Texas, May 2012. Conference Proceedings.

87. **Tudor-Locke, C.**, Brashear, M.M., & Johnson, W.D. Adiposity, blood pressure, and glucose metabolism correlate favorably with higher peak 30-minute cadence. *Medicine and Science in Sport and Exercise*, 2011, 44(suppl. 5): S336.
88. White, T.K., **Tudor-Locke, C.**, Felson, D., Gross, D.K., Lewis, C.E., Torner, J., Nevitt, M., & Neogi, T. Walking to meet the 2008 Physical Activity Guidelines in knee OA: The MOST Study, *Medicine and Science in Sport and Exercise*, 2011, 44(suppl. 5): S392.
89. **Tudor-Locke, C.**, & Schmidt, M. How many steps/day are enough for children/adolescents, adults, older adults and special populations? American College of Sports Medicine Annual Meeting, San Francisco, California, May 2012, Conference Proceedings.
90. **Tudor-Locke, C.**, Hendrick, C.A., Duet, M.T., Swift, D.L., Schuna Jr., J.M., Martin, C.K, Johnson, W.D, & Church, T.S.,. Recruiting and adherence challenges for an office- based treadmill WorkStation study. International Society of Behavioral Nutrition and Physical Activity, Ghent, Belgium, May 2013, Conference Proceedings.
91. Hendrick, C.A., Swift, D.L., Schuna Jr., J.M., Martin, C.K., Church, T.S., Johnson, W.D., and **Tudor-Locke, C.** Controlled study of changes in ambulatory activity and sedentary behavior time with treadmill workstation adoption. American College of Sports Medicine Annual Conference, Indianapolis, Indiana. *Medicine and Science in Sport and Exercise*, 2013, 44(suppl. 5): S492
92. Reid, R.E.R. Babineau, O, Carver, T.E., Christou, N.V., **Tudor-Locke, C.**, & Andersen, R.E. Lack of relationship between objectively determined sitting time and steps/day in long-term post-bariatric surgery patients. American College of Sports Medicine Annual Conference, Indianapolis, Indiana. *Medicine and Science in Sport and Exercise*, 2013, 44(suppl. 5): S492.
93. Barreira, T.V., Schuna Jr., J.M., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Moderate-to- vigorous physical activity thresholds associated with metabolic syndrome risk factors. American College of Sports Medicine Annual Conference, Indianapolis, Indiana. *Medicine and Science in Sport and Exercise*, 2013, 44(suppl. 5): S218.
94. **Tudor-Locke, C.**, Schuna, Jr., J.M., Brouillette, R.M., Foil, H.C., Fontenot, S.L., Jackson, L.G., Johnson, W.D., & Keller, J.N. Objectively monitored physical activity and time in sedentary behaviors: Association with older adults' gait speed. American College of Sports Medicine Annual Conference, Indianapolis, Indiana. *Medicine and Science in Sport and Exercise*, 2013, 44(suppl. 5): S36.
95. Schuna Jr.: J.M. Swift, D.L. Hendrick, C. Martin, C.K, Church, T.S., Johnson, W.D., & **Tudor-Locke, C.** Work-related ambulatory activity and sedentary behavior of overweight and obese office workers. International Conference on Ambulatory Monitoring of Physical Activity and Movement. Amherst, Massachusetts, June 2013. Conference Proceedings.
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.
 100. Proenca, M., Schuna Jr., J.M., Kerr, J., Marshall, S.J., & **Tudor-Locke, C.** Cadence and context: SenseCam-coded images associated with accelerometer-determined cadence. International Society of Behavioral Nutrition and Physical Activity Annual Conference, San Diego, California, May 2014. Conference Proceedings.
 101. Cameron C, Craig CL, & **Tudor-Locke, C.** Trends in the physical activity of Canadian children and adolescents: CANPLAY surveillance study, 2005-2012. Global Summit on the physical activity of children, May 2014, Toronto, Canada. *JPAH*. 2014, 11(Supp 1): S135.
 102. **Tudor-Locke, C.**, Dentre, K.N., Mire, E.F., Barreira, T.V., Schuna Jr., J.M., & Katzmarzyk, P.T. Model accelerometer paradata from the international study of childhood obesity, lifestyle and the environment (ISCOLE). American College of Sports Medicine Annual Conference, Orlando, Florida, May 2014. *Medicine and Science in Sport and Exercise*, 2014, 46 (suppl. 5): S552.
 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.

110. Oliveira, L.C., Araujo, T., Ferrari, G., Matsudo, V., Barreira, T.V., Mire, E., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Accelerometer-determined peak cadence and weight status in Brazilian children. American College of Sports Medicine Annual Meeting, San Diego, California, USA., May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S481.
111. Ferrari, G., Araujo, T., Oliveira, L.C., Matsudo, V., Barreira, T.V., Mire, E., **Tudor-Locke, C.**, & Katzmarzyk, P.T. Accelerometer-determined physical activity and sedentary behavior associations with body composition in Brazilian children. Accelerometer-determined peak cadence and weight status in Brazilian children. American College of Sports Medicine Annual Meeting, San Diego, California, USA. May 2015. *Medicine and Science in Sport and Exercise*, 2015, 47 (suppl. 5): S482.
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,(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, 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(5Suppl 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. Aguiar E.J., Han H., Ducharme S.W., Lim J., Moore, C.C., **Tudor-Locke, C.** Relationship between allometrically scaled cadence, step length, speed, and oxygen consumption during over-ground walking. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2016.
 127. Ducharme S.W., van Emmerick R.E., Aguiar E.J., Han H., Moore C.C., Lim J., Staudenmayer J., Busa M.A., Sirard J.R., **Tudor-Locke, C.** Stride-time variability and metabolic cost of walking as a function of walking speed. *New England American College of Sports Medicine*, Providence, RI, October, 2016.
 128. Moore, C.C., Ducharme, S.W., Han H., Aguiar E.J., Sirard J.R., Busa M.A., Lim J., **Tudor-Locke, C.** Step-count accuracy of the ActiGraph GT9X LINK accelerometer at a novel location on the heel. *New England American College of Sports Medicine*, Providence, RI, October, 2016.
 129. Han H., Aguiar E.J., Staudenmayer, J., Ducharme, S.W. Moore, C.C., Busa M.A., Sirard J.R., **Tudor-Locke, C.** Accuracy of accelerometer-determined cadence in simulated free- living activities in young adults: Cadence-Adults. *New England American College of Sports Medicine*, Providence, RI, October, 2016.
 130. **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.
131. Barreira, T.V., Redmond, J., Schuna, J.M.Jr, Brutsaert, T., & **Tudor-Locke, C.** Can time spent at 0 steps/min be used as a proxy of sedentary behavior or sedentary time? 6th International Congress on Physical Activity and Public Health, Bangkok, Thailand, November, 2016.
 132. Aguiar E.J., Ducharme S.W., Han H., Lim J., Moore C.C., Busa M.A., Sirard J.R., Chipkin S.R., Staudenmayer J., **Tudor-Locke C.** The relationship between walking cadence and percentage of maximum heart rate. American College of Sports Medicine Annual Meeting, Denver, CO, May, 2017.
 133. Han H., Aguiar E.J., Ducharme S.W., Lim J., Moore C.C., Busa M.A., Sirard J.R., Chipkin S.R., Staudenmayer J., **Tudor-Locke C.** Zero cadence as a proxy indicator of sitting behaviors in objective monitoring. American College of Sports Medicine Annual Meeting, Denver, CO, May, 2017.
 134. Lim J., Han H., Aguiar E.J., Busa M.A., Ducharme S.W., Moore C.C., Chipkin S.R., Staudenmayer J., **Tudor-Locke C.** Development and validation of universal step detection threshold for raw accelerometer data. American College of Sports Medicine Annual Meeting, Denver, CO, May, 2017.
 135. **Tudor-Locke C.**, Schuna J.M., Barreira T.V., Han H., Aguiar E.J., Ducharme S.W., Lim J., Moore C.C., Busa M.A., Sirard J.R., Chipkin S.R., Staudenmayer J. The relationship between steps/min and intensity on a treadmill in 21-40 year old adults. American College of Sports Medicine Annual Meeting, Denver, CO, May, 2017.
 136. Aguiar E.J., Ducharme S.W, Han H., Lim J., Moore C.C., Busa M.A., Chipkin S.R., Staudenmayer J., **Tudor-Locke C.** Relationship between walking cadence and percentage of heart rate reserve. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Victoria, Canada, June, 2017.
 137. **Tudor-Locke C.**, Han H., Ducharme S.W., Schuna J.M, Barreira T.V., Aguiar E.J., Lim J., Moore C.C., Busa M.A., Sirard J.R., Chipkin S.R., Staudenmayer J. Waist and wrist accelerometer step outputs in treadmill and simulated activities of daily living. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Victoria, Canada, June, 2017.
 138. Aguiar E.J., Han H., Ducharme S.W., Moore C.C., Schuna J.M., & **Tudor-Locke, C.** Classification accuracy of cadence cut points for discriminating moderate- and vigorous- intensity ambulation. 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, Bethesda, MD, June, 2017.
 139. **Tudor-Locke, C.**, Aguiar E.J., Han, H., Ducharme, S.W., Lim, J., Moore, C.C., Busa, M.A., Schuna, J.M., Barreira, T.V., & Chipkin, S.R. Accelerometer-determined steps/min versus activity counts/min for discriminating moderate-intensity ambulation. 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, Bethesda, MD, June, 2017.
 140. Han, H., Aguiar E.J., Schuna, J.M ., Barreira, T.V., Larrivee, S., Johnson W.D., **Tudor-Locke, C.** Cadence cut-point thresholds for moderate-intensity ambulatory activity in children and adolescents: The CADENCE-Kids study. 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, Bethesda, MD, June, 2017.
 141. Han, H., Schuna, J.M ., Barreira, T.V., Larrivee, S., Johnson W.D., Aguiar E.J., **Tudor-Locke, C.** Zero cadence as a proxy indicator of sedentary behavior in children and adolescents. 5th International Society of Behavioral Nutrition and Physical Activity

- Annual Meeting, Victoria, Canada, June, 2017.
142. Moore, C.C., Aguiar, E.A., Han, H., & **Tudor-Locke, C.** A review of objective step-count mean absolute percent errors (MAPE): Informing validation standards. 5th International Conference on Ambulatory Monitoring of Physical Activity and Movement, Bethesda, MD, June, 2017.
 143. **Tudor-Locke, C.**, Schuna, J.M., Barreira, T.V., Aguiar, E.J., Ducharme, S.W., & Moore C.C. Moderate and vigorous intensity cadence (steps/min) walking thresholds in 41-60 year old adults. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 144. Aguiar, E.J., Ducharme, S.W., Moore, C.C., Schuna, J.M., Barreira, T.V., & **Tudor-Locke C.** ActivPAL-determined cadence (steps/min) thresholds associated with moderate and vigorous intensity walking. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 145. Ducharme, S.W., Aguiar, E.J., Moore, C.C., Schuna, J.M., Barreira, T.V., & **Tudor-Locke, C.** Predicting overground and treadmill walking intensity: Does cadence stand alone?. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 146. Moore, C.C., Aguiar, E.J., Ducharme, S.W., Schuna, J.M., Barreira, T.V., & **Tudor-Locke, C.** Cadence (steps/min) thresholds using different indicators of moderate and vigorous intensity. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 147. Gould, Z.R., Aguiar, E.J., Ducharme, S.W., Moore, C.C., Schuna, J.M., Barreira, T.V., & **Tudor-Locke, C.** Cadence (steps/min) and intensity relationship by self-reported activity levels in 21-60 year olds. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 148. Migueles J.H., Ducharme, S.W., Aguiar, E.J., Moore, C.C., Schuna, J.M., Barreira, T.V., & **Tudor-Locke, C.** An evaluation of the accuracy of four different motion sensors at self-paced walking overground. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 149. Sands, C.J., Aguiar, E.J., Ducharme, S.W., Han, H., Moore, C.C., & **Tudor-Locke, C.** Impact of cadence-based metronome entrainment on walking speed. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 150. Perry, D.C., Ducharme, S.W., Sands, C.J., Aguiar, E.J., & **Tudor-Locke C.** Music-based cadence entrainment and walking intensity. *New England American College of Sports Medicine Fall Conference*, Providence, RI, October, 2017.
 151. Ducharme, S.W., Perry, D.C., Sands, C.J., Aguiar, E.J., Moore, C.C., & **Tudor-Locke, C.** Does music-based rhythmic auditory cueing alter the correlation structure of stride times? *Medicine and Science in Sports and Exercise*, 2018, 50(5S):816. *American College of Sports Medicine Annual Meeting*, Minneapolis, MN, USA.
 152. Moore, C.C., Ducharme, S.W., Aguiar, E.J., Staudenmayer, J., Chipkin, S.R., Schuna, J.M. Jr., Barreira, T.V., & **Tudor-Locke, C.** Revisiting the ACSM metabolic equation for walking: Development of a cadence (steps/min) metabolic equation. *Medicine and Science in Sports and Exercise*, 2018, 50(5S):614-615. *American College of Sports Medicine Annual Meeting*, Minneapolis, MN, USA.
 153. **Tudor-Locke, C.**, Aguiar, E.J., Ducharme, S.W., Moore, C.C., Schuna, J.M. Jr., Barreira, T.V., Chipkin, S.R., Staudenmayer, J. Moderate and vigorous intensity walking cadence (steps/min) thresholds in 41-60 year old adults. *Medicine and*

- Science in Sports and Exercise*, 2018, 50(5S):294-295. *American College of Sports Medicine Annual Meeting*, Minneapolis, MN, USA.
154. Gould, Z.R., Aguiar, E.J., Ducharme, S.W., Moore, C.C., Schuna, J.M., Barreira, T.V., Chipkin, S.R., & **Tudor-Locke, C.** Classification accuracy of a moderate intensity cadence (steps/min) threshold during overground walking. *Medicine and Science in Sports and Exercise*, 2018, 50(5S):582. *American College of Sports Medicine Annual Meeting*, Minneapolis, MN, USA.
 155. Sands, C.J., Ducharme, S.W., Perry, D.C., Aguiar, E.J., Moore, C.C., & **Tudor-Locke, C.** Does music-based cadence entrainment alter metabolic intensity? *Medicine & Science in Sports & Exercise*, 2018, 50(5S):68. *American College of Sports Medicine Annual Meeting*, Minneapolis, MN, USA.
 156. Thomas, D.M., Adams B., Fidler K., Demoes N., Aguiar E.J., Ducharme S.W., McCullough A.K., Moore C.C., **Tudor-Locke C.** How many steps per day is enough: A machine learning approach. *The Obesity Society*, Nashville, TN, Nov 2018.
 157. Amalbert-Birriel, M.A., McCullough, A.K., Moore, C.C., Aguiar, E.J., Ducharme, S.W., Gould, Z.R., Sands, C.J., **Tudor-Locke, C.** Estimating energy expenditure from device-determined cadences. *New England American College of Sports Medicine Fall Conference*, Providence, RI, Nov 2018.
 158. Gould, Z.G., Aguiar, E.A., Moore, C.C., Ducharme, S.W., Sands, C.J., **Tudor-Locke, C.** Effect of Music-Based Rhythmic Auditory Cueing on Gait Variability. *New England American College of Sports Medicine Fall Conference*, Providence, RI, Nov 2018.
 159. Moore, C.C., Ducharme, S.W., Aguiar, E.J., Sands, C.J., Gould, Z.R., **Tudor-Locke, C.** Cadence (Steps/Min) and Metabolic Intensity During Unconstrained and Cadence-Entrained Overground Walking. *New England American College of Sports Medicine Fall Conference*, Providence, RI, Nov 2018.
 160. Sands, C.J., Ducharme, S.W., Aguiar, E.A., Moore, C.C., Gould, Z.G., **Tudor-Locke, C.** Cadence as a Predictor of the Walk-to-Run Transition. *New England American College of Sports Medicine Fall Conference*, Providence, RI, Nov 2018.
 161. **Tudor-Locke, C.**, Ducharme, S.W., Moore, C.C., McCullough, A.K., Aguiar, E.J. Cadence (steps/min): how fast is fast enough for older adults? *Innovation in Aging*, 2018, 2(S1):790. *Gerontological Society of America Annual Scientific Meeting*, Boston, MA, Nov 2018.
 162. Ducharme, S.W., Aguiar, E.J., Moore, C.C., Amalbert-Birriel, M.A., Sands, C.J., Gould, Z.R., McCullough, A.K., & **Tudor-Locke, C.** Relationship between gait capacity and posture profiles in older adults. *Innovation in Aging*, 2018, 2(S1):886. *Gerontological Society of America Annual Scientific Meeting*, Boston, Nov 2018.
 163. McCullough, A.K., Aguiar, E.J., Moore, C.C., Amalbert-Birriel, M.A., Gould, Z.R., Ducharme, S.W., & **Tudor-Locke, C.** Daily walking, autonomic and cardiopulmonary function in older adults. *Innovation in Aging*, 2018, 2(S1):942. *Gerontological Society of America Annual Scientific Meeting*, Boston, Nov 2018.
 164. Amalbert-Birriel, M.A., Moore, C.C., McCullough, A.K., Ducharme, S.W., Gould, Z.R., Sands, C.J., Aguiar, E.J., Schuna, J.M., Barreira, T.V., Chipkin, S.R., **Tudor-Locke, C.** Device-specific Cadence (steps/min) Thresholds For Metabolic Intensities of Walking. *Medicine & Science in Sports & Exercise*, 2019, 51(5S):296. *American College of Sports Medicine Annual Meeting*, Orlando, FL, USA, May 28-June 1, 2019.
 165. Ducharme, S.W., Aguiar, E.J., McCullough, A.K., Moore, C.C., Sands, C.J,

- Amalbert-Birriel, M.A., Gould, Z.R., Schuna, J.M., Tiago, V.B., Chipkin, S.R., **Tudor-Locke, C.** Do Older Adults Achieve Moderate Intensity When Walking At Their Self-selected Pace? *Medicine & Science in Sports & Exercise*, 2019, 51(5S):241. *American College of Sports Medicine Annual Meeting*, Orlando, FL, USA, May 28-June 1, 2019.
166. Gould, Z.R., Ducharme, S.W., McCullough, A.K., Moore, C.C., Sands, C.J., Amalbert-Birriel, M.A., Aguiar, E.J., Schuna, J.M., Barreira, T.V., Chipkin, S.R., **Tudor-Locke, C.** Cadence (steps/min) Thresholds for Relative Intensity Indicators In Older Adults. *Medicine & Science in Sports & Exercise*, 2019, 51(5S):164. *American College of Sports Medicine Annual Meeting*, Orlando, FL, USA, May 28-June 1, 2019.
167. Sands, C.J., Ducharme, S.W., Aguiar, E.J., Moore, C.C., Gould, Z.R., **Tudor-Locke, C.** Is Cadence a Better Predictor of the Walk-to-Run Transition than Speed and/or the Froude Number? *Medicine & Science in Sports & Exercise*, 2019, 51(5S):294. *American College of Sports Medicine Annual Meeting*, Orlando, FL, USA, May 28-June 1, 2019.
168. **Tudor-Locke C.**, Ducharme, S.W., McCullough, A.K., Moore, C.C., Sands, C.J., Gould, Z.R., Amalbert-Birriel, M.A., Aguiar, E.J., Schuna, J.M. Jr., Barreira, T.V., & Chipkin, S.R. Moderate Intensity Walking Cadence (Steps/min) in 61-85 Year Old Adults. *Medicine & Science in Sports & Exercise*, 2019, 51(5S):486. *American College of Sports Medicine Annual Meeting*, Orlando, FL, USA, May 28-June 1, 2019.

INVITED TALKS AND LECTURES: *I have delivered over 90 invited academic presentations (over 30 outside of continental North America, including presentations in Australia, Brazil, Korea, Ireland, New Zealand, Portugal, Puerto Rico, Scotland, Sweden, Switzerland, and Norway).*

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: unpackaging 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 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, Queen's University, Belfast, Ireland, 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.

88. **Tudor-Locke, C.** Step counting and cadence tracking: numbers to walk by. College of Nursing, University of Massachusetts Amherst.

89. **Tudor-Locke, C.** Walking the walk: A history of step counting and cadence tracking. President's Lecture. South East American College of Sports Medicine,

February 2017.

90. **Tudor-Locke, C.** History of step counting and cadence tracking. JoAnne Safrit Keynote Lecture, SHAPE America, Boston, March 2017.

91. **Tudor-Locke, C.** Step counting and cadence tracking: How many and how fast? PERFORM Center Annual Research Conference, Concordia University, Montreal, Canada, May 2017.

9. 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.

10. 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
Science
Sports Medicine
Sustainability: Science, Practice, Policy

Committee Membership/Leadership

International

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

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

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

National

American College of Sports Medicine

Catrine Tudor-Locke, PhD, FACSM, FNAK – April 2020

First Vice President 2018

Second Vice President 2017

Portfolio: Research, Medicine, Science, Health and Fitness

Board of Trustee Member 2008-2011

Health-Fitness Content Advisory Committee 2007 – 2010

Communications and Public Information 2007- 2017

Task Force on Health Air Travel (Member) 2005-2008

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 – 2017

National Academy of Kinesiology, Awards Committee 2016-present

Local

American Heart Association, Greater Southeast Affiliate Research
Committee, 2013- 2015

Ontario Chapter: The Canadian Evaluation Society, 1996-1998

	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	Department of Exercise and Wellness Arizona State University
2002-2008	Health Promotion Technology 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	Department of Exercise and Wellness Arizona State University
2006	Biostatistics/Measurement Position	Arizona State University
2006	Faculty Advisor to Healthy Lifestyles Research Conference	Department of Exercise and Wellness Arizona State University
2007	Search Committee Chair	Department of Exercise and Wellness Arizona State University
2007	Health Promotion Technology Position	Arizona State University
2007	Search Committee Member	Department of Exercise and Wellness Arizona State University
2007	Department Chair	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
2017-present	Research Administration Advisory Board member	University of Massachusetts Amherst
2018-present	STEM Doctoral Fellowship Review Committee	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)
 NIH Special Section Reviewer (2019)
 Data Safety Monitoring Board, San Diego State University (2018 to present)

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

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.

11. 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)

Wearable Technologies in Physical Activity and Health (Honors

Thesis Seminar; 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)

Wearable Technologies in Physical Activity and Health (Summer Institute, hybrid on-line and residential version, University of Massachusetts Amherst, release planned for summer 2019)

In addition, I was awarded a competitive contract to develop a cross-listed (Arizona State University's Exercise and Wellness Department and Department of Gerontology) graduate level on-line course in Physical Activity and Aging, to be taught by an in-coming Assistant Professor.

High School Research Internships

Adina Chasen-Taber, Summer 2017

Undergraduate Research Internships

Clement Boang, Summer 2017

Undergraduate Independent Studies

Student	Title	Completion
Christopher C. Moore	Sex differences in the cadence (steps/min) and intensity relationship in 21 to 40-year-old adults	May 2017
Erica Doyle	Individualized cadence in laboratory and free-living settings	May 2017
Colleen Sands	Cadence entrainment to auditory prompts	May 2017
Colleen Sands	Expected values for steps/day in older adults and special populations	May 2018
Katherine Sweeney	Expected values of steps/day for youth special populations)	May 2018
Julie Thorpe	Using cadence to study youth ambulatory behavior: how fast is fast enough?	May 2018
Evan Smith	Expected values for daily cadence in older adults and special populations	May 2018

Undergraduate Honors Theses

Student	Title	Completion
Erica Doyle	The relationship between daily physical activity and mood	May 2017
Colleen J. Sands	Validity of wearable devices at varying running Intensities	May 2017
Abbey E. Barkley	Effectiveness of step count display on physical activity level in college students	May 2017
Christopher M. Boussy	Objectively measured physical activity of student first responders	May 2017
Mark L. Chicote	Assessing the validity of Fitbit Surge heart rate monitoring in elite runners	May 2017
Matthew J. Golben	Meditation and heart rate recovery	May 2017
Jordan Lapides	Validity of Fitbit for energy expenditure during resistance training	May 2017
Jizhou Zhou	The validity of wearable technologies to estimate step counts	May 2017
Rose E. Petrozzino	The effect of goal setting on daily step counts	May 2017
Jared M. Stone	Effects of inducing sedentary behavior on active, mentally healthy college-aged students	May 2017

Lada Grigoreva	Does a relationship between steps per day and nighttime sleep duration in full-time college students exist?	May 2018
Avery Guan	Monitoring dance physical activity in college students	May 2018
Jad Imad	Can wearable devices that count steps be used to monitor horse rider's activity during rising trot?	May 2018
Elizabeth Loranger	The correlations between objective monitored physical activity level and daily mood	May 2018
Alyssa Murray	Wearable devices in strength training	May 2018
Ashlyn Neil Reilly	Effect of place residence on walking behavior in university students	May 2018
Evan Smith	Pilot validation study of photoplethysmography heart rate monitors in cold ambient temperatures	May 2018
Shreyas Srikanth	The effect of scheduling on the physical activity of university students	May 2018
Katherine Sweeney	A comparison of the validity of physical activity tracking devices in response to variable ground	May 2018
Julie Thorpe	Apple iPhone accuracy based on placement	May 2018
Shefali Mangtani	The association between physical activity habits and oral hygiene habits	May 2019
Jacob R. Smith	Waist versus wrist worn accelerometers during treadmill walking with simulated pregnancy	May 2019
Julia E. Shaughnessy	Physical activity and stress in college students	May 2019
Nicole Tschuor	The effect of different types of exercise on steps per day	May 2019
Liam Gross	Volume of aerobic physical activity and memory	May 2019
Edwood Brice	Reality exergaming and traditional physical activity	May 2019
Jake Marcoulier	The effects of non-academic activities on students' daily step count	May 2019
Brayden Woods	Effect of positive partner interaction on cardiovascular reactivity during exercise	May 2019
Shannon Nagle	The effects of high-heeled shoes on daily step count in college-aged women	May 2019
Jennifer Stanton	The impact of academic examinations on physical activity levels in college students	May 2019
Thomas Martin	Validity and reliability of activity monitors during treadmill interval training	May 2019
Katelyn Roche	Physical activity and stress in college students	May 2019
Taylor Blow	Variances in steps/day due to high intensity physical activity in collegiate runners	May 2019

Samantha Runshaw	Relationships between energy consumption and expenditure in habitual runners	May 2019
------------------	--	----------

Graduate Students Supervised

DOCTORAL STUDENTS' CHAIR

Student	Title	Completion
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
Cayla McAvoy	TBD	Anticipated May 2024

MASTERS STUDENTS' CHAIR

Student	Title	Completion
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	ActivPAL activity monitor versus self-reported activity records in middle-aged women	May 2008; Homemaker
Rene Getz	Commuting in a car, physical activity, and overweight and obesity in adults	May 2008; Marketplace chaplains
Christopher C. Moore	Development and cross-validation of a cadence-based metabolic equation for walking	May 2019
Colleen Sands	TBD	Anticipated May 2020
Zachary Gould	TBD	Anticipated May 2020

Theses and Dissertation Committees

DOCTORAL STUDENTS' COMMITTEE MEMBER

Student	Title	Completion
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
Albert Mendoza	A comprehensive validation of activity trackers for estimating physical activity and sedentary behavior in free-living settings	August 2018; faculty

MASTERS STUDENTS' COMMITTEE MEMBER

Student	Title	Completion
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	Dec 2005; Research coordinator
Melanna Cox	The development and testing of a direct observation protocol as a criterion measure	August 2018 PhD training at UMass

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
 Jongil Lim, 2015 to 2016
 Michael Busa, 2015 to 2016
 Ho Han, 2015 to 2017
 Elroy Aguiar, 2015 to 2019
 Scott Ducharme, 2017 to 2019
 Aston McCullough, 2018 to 2019
 Jose Rafael Mora Gonzalez 2019-present

Mentoring of Visiting International Scholars

Lauren Frensham, Australia, 2012
 Mahara Proenca, Brazil, 2013-2014
 Gerson Ferrari, Brazil, 2014
 Knut-Erik Dalene, Norway, 2016
 Guilherme Tacao, Brazil, 2016-2017
 Jairo Hildago Migueles, Spain, 2017
 Ivan Cavero Rodondo, Spain 2018
 Celia Alvarez-Bueno, Spain 2018

Bernadette Nakabazi, Uganda 2018

Mentoring of ACSM Leadership and Diversity Award Scholars

Virgilio Lopez, University of Connecticut, 2017 to 2018

Hosting Sabbatical Scholars

Melissa Roti, Wakefield University, 2018

Tomoaki Sakai, Hokkaido University, 2019-2020