

BARBARA ELLEN AINSWORTH, Ph.D. MPH**Abbreviated Curriculum Vitae**

(Updated 7-16-15)

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EDUCATION**University of Minnesota**

<u>Year</u>	<u>Degree</u>	<u>Concentration</u>
1989	Master of Public Health (Twin Cities)	Epidemiology
1987	Doctorate of Philosophy (Twin Cities)	Exercise Physiology
1975	Master of Arts (Duluth)	Education/Physical Education

California State University, Fresno

1974	Bachelor of Arts	Physical Education Cum Laude
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EMPLOYMENT**Arizona State University**

2015-current	Sustainability Scientist status for the Julie Wrigley Global Institute of Sustainability
2013-current	Regents' Professor, ASU
2012-current	Associate Director, Health Promotion Programs, School of Nutrition & Health Promotion
2006-current	Professor, Program in Exercise and Wellness, School of Nutrition & Health Promotion

San Diego State University

2003-2006	Professor (and Chair 2003-2005), Dept of Exercise & Nutritional Sciences Co-Director, San Diego Prevention Research Center (2004-2006) Director, Center for Optimal Health and Performance (2004-2006) Adjunct Faculty, Graduate School of Public Health (2003-2006)
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University of South Carolina at Columbia

1997 - 2003	Director, USC Prevention Center, School of Public Health
1995 - 2003	Associate and Full Professor, Dept of Epidemiology & Biostatistics and Dept Exercise Science (Joint Appointment), School of Public Health (Tenured 1999; Promoted to Professor 2002)

University of North Carolina at Chapel Hill

1989-1995	Assistant and Assoc Professor, Dept of Phys Education, Exercise, Sport Science (Tenured 1995) & Dept of Nutrition, School of Public Health (effective 1991)
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University of Minnesota, Minneapolis

1987 - 1989	Post-Doctoral Assoc., Div of Epidemiology, School of Public Health
1982 - 1987	Teaching/Research Assistant, School of Physical Education and Recreation

College of St. Benedict, St. Joseph, MN

1975 - 1983 Instructor and Assistant Professor, Dept of Physical Education

University of Minnesota, Duluth

1974 - 1975 Intramural Director/Grad Asst/Tennis Coach, Dept of Physical Education

HONORS and AFFILIATIONS

- Adjunct faculty, Akershus University College, Lilleström, Norway, 2010-2013
- Member, University of Arizona Cancer Center, Effective 2008
- President, Vice President, Trustee, American College of Sports Medicine (ACSM), 1996-2013
- President, Research Consortium of AAHPERD, 1998
- President, Southwest ACSM, 2006 – 2009
- President, National Academy of Kinesiology, 2013-2015

FELLOW

- North American Society of HPERD Professionals, 2002
- The National Academy of Kinesiology, 1997
- Research Consortium of AAHPERD, 1995
- American College of Sports Medicine, 1992
- Member, Delta Omega Public Health Honor Society, 1997

AWARDS

- Lifetime Achievement Award, President's Council on Fitness, Sports, & Nutrition, 2015
- Univ. of MN Duluth HPERD CEHSP Distinguished Alumni Award, 2015
- Univ. of MN Twin Cities College of Education – One of the top 100 graduates from 1906-2006
- ACSM Citation Award, 2006
- Raymond Weiss Lecturer, Research Consortium of AAHPERD, 2006
- RQES Scholar Lecturer, AAHPERD, 2008
- McKenzie Award, AAHPERD, 2004
- McCloy Lecturer, Research Consortium of AAHPERD, 2002
- Outstanding Researcher, USC School of Public Health, 2000
- Henry J. Montoye Scholar Award, Southeast ACSM, 2001
- Scholar Lecturer, Research Consortium of AAHPERD, 1997
- J. Anna Norris Outstanding Woman in Physical Education, U of MN, 1983
- Outstanding Service Award, American Red Cross, 1982

NOTED ACTIVITIES

- Editor, President's Council on Physical Fitness and Sport Research Digest, 2006-2007
- Member, President's Council on Physical Fitness and Sport, Scientific Council, 2006-2008
- Member, California Governors Council on Physical Fitness & Sport Research Board, 2003-2006
- Member, TRB/IOM Panel: *Is the Environment Built for Physical Activity?*, 2003-2005
- Participant, WHO International Physical Activity Surveillance System, 1998-current
- Faculty, Post-Graduate Course on Physical Activity & Public Health, 1995-current
- Consultant, CDC, Division of Nutrition and Physical Activity, 1994-2005
- Reviewer, 1996 Surgeon General's Report on Physical Activity
- Participant, 1992 & 2000 Int'l Consensus Conferences on PA, Fitness, & Health, Toronto, Canada

RESEARCH INTERESTS

Assessment of physical activity, physical activity in minority women, environmental supports for physical activity, physical activity and health outcomes

PUBLICATIONS

Books

- AINSWORTH BE, Macera CA. (Eds). *Physical Activity and Public Health Practice*. Taylor & Prentice. Taylor & Francis Group, 2012, 371 pages.
- Payne L, AINSWORTH BE, Godby J. (Eds.) *Leisure, Health, and Wellness: Making the Connections*. College Park, PA: Venture Press, 2010, 489 pages.

Book Chapters

- AINSWORTH BE, Cahalin L, Buman M, Ekelund U, Ross R. Current State of Physical Activity Assessment Tools. In Arena R, Despres J-P (eds.) 2013 Global Congress on Physical Activity – All Hearts Need Exercise: A Global Call to Action by the AHA. In *Progress in Cardiovascular Diseases*. 2015.
- AINSWORTH BE. Energy costs of exercise and sport. In Maughan R. (Ed). *Encyclopedia of Sports Medicine: Sports Nutrition*, Chapter 4; 2013, 61-71. Invited.
- Keller C, AINSWORTH BE. Study Implementation. In Melnyk B and Morrison-Beedy D, *Designing, Conducting, Analyzing and Funding Research: A Practical Guide for Success*. Springer Publishers: NY, 2012. Invited.
- AINSWORTH BE. Assessing the Level of Physical Activity in Adults. In. C. Bouchard and P. Katzmarczyk (eds.) *Advances in Physical Activity and Obesity*. 18-21, 2010. Invited.
- Pettee KK, Storti KL AINSWORTH BE, Kriska A. Measurement of Physical Activity and Inactivity in Epidemiological Studies. In Lee, IM (Ed). *Epidemiologic Methods in Physical Activity Studies*, Oxford University Press: New York, NY. 2009 Invited. Pages 15-33.
- Wilcox S, AINSWORTH BE. The Measurement of Physical Activity. In S. Shumaker, J. Ockene, & K. Riekert, Eds. *The Handbook of Health Behavior Change* (3rd ed.). 2009, New York: Springer.
- Nichols JF, Pettee KK, AINSWORTH BE. Physiological and Metabolic Benefits of Physical Activity and Sport for Girls. In *University of Minnesota 2007 Tucker Report on Physical Activity for Girls*, Invited.
- Pettee KK, Tudor-Locke C., AINSWORTH BE. Field Assessment Of Physical Activity And Energy Expenditure Among Athletes. In Wolinsky I, Driskell J (Eds). *Nutritional Assessment of Athletes*. Boca Raton, FL: CRC Press, 2007: 225-258. Invited.
- AINSWORTH BE. Advice on Graduate Student Mentoring. In Hall SJ (Senior Editor), *ACSM Offers Advice for Graduate Students*. Indianapolis: ACSM, 2005, pp. 101-111, Invited.
- Pettee KK, Storti KL AINSWORTH BE, Kriska A. Measurement of Physical Activity and Inactivity in Epidemiological Studies. In Lee, IM. Invited. In Press, Submitted July 2005.
- AINSWORTH BE, LaMonte MJ, Reis J. Measuring Physical Activity. In Zhu W and Wood TM (Eds). *Measurement and Evaluation*. 2006, pp. 237-410. Invited.
- AINSWORTH BE, Coleman, K. Physical Activity Measurement. In McTiernan, A (Ed). *Cancer Prevention and Management Through Exercise and Weight Control*. CRC Press Inc, 2006, pp. 13-24., Invited.
- AINSWORTH BE, Levy SS. Assessment of Health-Enhancing Physical Activity-Methodological Issues. In Oja P and Borms J (Eds). *Health-Enhancing Physical Activity*. Berlin, Germany: ICSSPE/CIEPSS, 2005, Vol. 6, pp. 239-270. Invited.
- AINSWORTH BE. The Compendium of Physical Activities. In (Corbin CB, Pangrazi RP, Franks BD, Eds). *Toward a Better Understanding of Physical Fitness and Activity: Selected Topics*, Vol. 2, pp. 47-52, Scottsdale, AZ: Holcomb Hathaway Publishers, 2004. Invited.
- AINSWORTH BE, Matthews CE, Reis J.. Physical Activity Epidemiology. In Thomas J, Nelson J (Eds). *Research Methods in Physical Activity*. Champaign, IL: Human Kinetics, 5th Ed., 2001;291-308. Invited. [6th ed, 2005 update, pp. 301-320]
- AINSWORTH BE. Chapter 14 - Assessment of Physical Activity. In Tritschler, K. *Barrow and McGee's Practical Assessment*. Baltimore, MD: Williams & Wilkins, 2000;475-496, Invited.
- AINSWORTH BE, Macera CA. Physical Inactivity. In Brownson RC, Remington PL, Davis JR (Eds.). *Chronic Disease Epidemiology and Control*. Washington DC: American Public Health Association, 1998;191-214, Invited.
- Henderson KA, AINSWORTH BE. Sedentary but busy: Physical activity and older women of color. In Clough S, White J. *Women's Leisure Experiences: Ages, Stages, and Roles*. Eastbourne, England: Leisure Studies Association, LSA Publications No. 70, 2001;37-50, Refereed.

- Henderson KA, AINSWORTH BE. Social support, constraints, and time for physical activity involvement: Perspectives of American Indian women from the Cross-Cultural Activity Participation Study. In Daly K (Ed.). *Minding the Time in Family Experience: Emerging Perspectives and Issues*. Philadelphia, PA: Elsevier Science, 2001; 3:383-402. Invited.
- LaMonte MJ, Tudor-Locke C, AINSWORTH BE. Physical Activity. In Anderson RE. (Ed). *Etiology, Assessment, Treatment, and Prevention*. Champaign, IL: Human Kinetics Publishers. 2003; Chapter 9:111-137. Invited.
- LaMonte MJ, AINSWORTH BE. Field Assessment Of Physical Activity And Energy Expenditure Among Athletes. In Wolinsky I, Driskell J (Eds). *Nutritional Assessment of Athletes*. Boca Raton, FL: CRC Press, 2002: 225-258. Invited.
- Wilcox S, Tudor-Locke C, AINSWORTH BE. Aging of activity patterns and motivation of the elderly. In Shephard R (Ed.). *Physical Activity and Gender Differences in the Aging Process*. Boca Raton, FL: CRC Press., 2002:13-39. Invited.

Refereed Articles (n=317 as of 5/16/15)

2015

- AINSWORTH BE Hooker SP. Public health into Kinesiology. *Kinesiology Review*. 2015; in press.
- AINSWORTH BE, Cahalin L, Buman M, Ross R. The current state of physical activity assessment tools. *Prog Cardiovasc Dis*. 2015;57(4):387-395.
- Anderton N, Newhouse ME, AINSWORTH BE, Nygaard IE, Egger MJ, Shaw JM. How hard could it be? A descriptive analysis of errors made on a validated lifetime physical activity questionnaire. *J Phys Act Health* 2015; e-pub ahead of print.
- Ahn GE, Chmiel JS, Dunlop DD, Helenowski I, Semanik PA, Song J, AINSWORTH BE, Chang RW, Ramsey-Goldman R. Self-reported and objectively measured physical activity in adults with systemic lupus erythematosus. *Arthritis Care Res*. 2015; e-pub ahead of print.
- Der Ananian C, Soroush A, AINSWORTH BE, Belyea M, Swan P, Yngve A. Effects of a 6-month pedometer, worksite intervention on physical activity and fitness: ASUKI step. *BMC Public Health*. 2015; e-pub ahead of print.
- Huberty JL, Ehlers DK, Kurka J, Ainsworth B, Buman MP. Feasibility of three wearable sensors for 24 hour monitoring of sleep, sedentary, and active behaviors in middle-aged women. *Int J Behav Nutr Phys Act*, In Review.
- Jakicic JM, Sox H, Blair SN, Bowles HR, Bensink M, Johnson WG, King AC, Lee I-M, Nahum-Shani I, Sallis JF, Sallis RE, Craft L, Whitehead JF, AINSWORTH BE. Comparative Effectiveness Research: A Roadmap for Physical Activity and Healthy Lifestyles. *Med Sci Sports Exerc* 2015. 47(8):1747-1754..
- Joseph RP, AINSWORTH BE, Keller C, Dodgson JE. Barriers to physical activity among African American women: An integrative review of the literature. *Women & Health*. 2015; April 21 In Press.
- Joseph RP, Keller C, Adams MA, AINSWORTH BE. Validity of two brief physical activity questionnaires with accelerometers among African-american women. *Prim Health Care Res Dev*. 2015; e-pub ahead of press.
- Joseph RP, Keller C, Adams M, AINSWORTH BE. Print versus a culturally-relevant Facebook and text message delivered intervention to promote physical activity in African American women: a randomized pilot trial. *BMC Womens Health*. 2015; March 27. Online.
- Larkey L, Keller C, Ainsworth BE, McClain D, Ohri-Vachaspati P, Smith L, Jeong M. A Biobehavioral Model of Weight Loss Associated with Meditative Movement Practice among breast Cancer Survivors. *Health Psy Open*. In Press.
- Pignotti GA, Vega-Lopez S, Keller C, Belyea M, AINSWORTH B, Nagle Williams A, Records K, Coonrod D, Permana P. Comparison and evaluation of dietary quality between older and younger Mexican-American women. *Pub Health Nutr* 2015; Jan 7, e-pub ahead of print.
- Records K, Keller C, Coonrod D, AINSWORTH BE, Todd M, Belyea M, Nagle-Williams A, Permana P, Vega-Lopez S. Correlates of depressive symptoms after birth for Latinas who are overweight or obese. *Health Care Women Int*. 2015; 36(3):356-374.

- Rossen J, Yngve A, Hagströmer M, Brismar K, AINSWORTH BE, Iskull C, Moller P, Johansson U-B. Physical activity promotion in the primary care setting in pre- and type 2 diabetes – the Sophia Step Study, an RCT. 2015;12:647 (online)
- Rowlands AV, Gomersall SR, Tudor-Locke C, Bassett DR, Kang M, Fraysse F, Ainsworth BE, Olds TS. Introducing novel approaches for examining the variability of individuals' physical activity *J Sports Sciences*. 2015; e-pub ahead of print.
- Vega-Lopez S, Pignotti GAP, Todd M, AINSWORTH BE, Nagel-Williams A, Belyea M, Records K, Coonrod D, Permana P, Keller C.. Participation in a social-support physical activity intervention modestly improves lipoprotein cholesterol distribution among postpartum sedentary Hispanic women. *PA & Health* Sept 2015; 335(5):457-466.
- Walker, J., Ainsworth, B., Hooker, S., Keller, C., Fleury, J., Chisum, J. & Swan, P. Optimal Health (Spirit, Mind, and Body): a feasibility study of promoting well-being for health behavior change. *J Relig Health* 2015; 54(5):1681-1698.
- Walker, J., Ainsworth, B., Johnson-Agbakwu, C., & Keller, C. "Correlates of Physical Activity and Diet in Refugee Women" *J Refugee Studies*. In press.

2014 (n= 11)

- Buman MP, Winkler EAH, Kurka JM, Hekler EB, Baldwin CM, Owen N, Ainsworth BE, Healy GN, Gardiner PA. Sleep, sedentary, and active behaviors: Alternating effects on cardiovascular risk biomarkers, NHANES 2005-06. *Am J Epidemiol* 2014 Feb 1;179(3):323-34.
- Joseph RP, Ainsworth BE, Vega-Lopez S, Keller C. (2014). Use of the Stanford Brief Activity Survey for physical activity assessment in postpartum Latinas: A validation study of a linguistically translated Spanish version. *Hisp Health Care Int*. 2014;12(3):146-154. DOI: 10.1891/1540-4153.12.3.146.
- Herrmann SD, Barrier TV, Kang M, Ainsworth BE. The impact of accelerometer wear time on physical activity data: a NHANES semi-simulation data approach. *Br J Sports Med*, 2014;48(3):278-282.
- Keller C, Ainsworth B, Records K, Todd M, Belyea M, Vega-López S, Permana P, Coonrod C, A Comparison of a Social Support Physical Activity Intervention in Weight Management among Post-partum Latinas. *BMC Public Health*, 2014 Sept. 19:971 (on-line journal)
- Keller C, Vega-López S, Ainsworth BE, Nagle-Williams A, Records K, Permana P, Coonrod D, Social Marketing: Approach to Cultural and Contextual Relevance in a Community-Based Physical Activity Intervention. *Health Promotion Int*. 2014;29(1):130-140.
- Kurka J, Buman M, Ainsworth B. Validity of the Rapid Eating Assessment for Patients for Assessing Dietary Patterns in NCAA Athletes *J Int Soc Sports Nutr*. 2014, 11:42 (on-line journal)
- Smith LL, Larkey LK, Roe D, Bucho-Gonzalez J, Saboda K, Ainsworth BE, Self-Reported Physical Activity Patterns Among Low-Income Latina Women in Arizona. *Womens Health Issues*. 2014;24(3):e353-61.
- Vega-López S, Chavez A, Farr KJ, Ainsworth BE. [Validity and reliability of two brief physical activity questionnaires among Spanish-speaking individuals of Mexican descent](#). *BMC Res Notes*. 2014 13;7(1):29. doi: 10.1186/1756-0500-7-29. (on-line journal)
- Vega-Lopez S, et al. Comparison and Evaluation of Dietary Quality between Older and Younger Mexican-American Women," *Public Health Nutr*. July 2014.
- Vezina JW, Der Ananian CA, Campbell KD, Meckes N, Ainsworth BE. [An Examination of the Differences Between Two Methods of Estimating Energy Expenditure in Resistance Training Activities](#). *J Strength Cond Res*. 2014;28(4):1026-1031.
- Walker J, Soroush A, Ainsworth BE, Belyea M, Swan PD, Yngve A. The effects of a 6-month pedometer-based physical activity intervention on body composition characteristics in a US university worksite setting: ASUKI Step. *Asian J Sports Med*. 2014;5(4): e-pub.

2013 (n = 14)

- Adams MA, Ding D, Sallis JF, Bowles HR, Ainsworth BE, Bergman P, Bull FC, Carr H, Craig CL, De Bourdeaudhuij I, Gomez LF, Hagströmer M, Klasson-Heggebø L, Inoue S, Lefevre J, Macfarlane DJ, Matsudo S, Matsudo V, McLean G, Murase N, Sjöström M, Tomten H, Volbekiene V, Bauman A. Patterns of neighborhood environment attributes related to physical activity across 11 countries: a latent class analysis. *Int J Behav Nutr Phys Act*. 2013 Mar 14;10:34

- Ainsworth BE, Keller C, Herrmann S, Belyea M, Records K, Nagle-Williams A, Vega-Lopez S, Permana P, Coonrod DV. Physical activity patterns in post-partum Latinas: Madres para la Salud. *Med Sci Sports Exerc*, 2013;45(7):1298–1306.
- DerAnanian C, Ainsworth BE. Population based approaches to health promotion. *German J Sports Med*, In press.
- Ding D, Adams MA, Sallis JF, Norman GJ, Hovell MF, Chambers CD, Hofstetter CR, Bowles HR, Hagströmer M, Craig CL, Fernando Gomez L, De Bourdeaudhuij I, Macfarlane DJ, Ainsworth BE, Bergman P, Bull FC, Carr H, Klasson-Heggebo L, Inoue S, Murase N, Matsudo S, Matsudo V, McLean G, Sjöström M, Tomten H, Lefevre J, Volbekiene V, Bauman AE. Perceived neighborhood environment and physical activity in 11 countries: Do associations differ by country? *Int J Beh Nutr Phys Act* 2013 May 14;10:57
- Keller CS, Todd M, Ainsworth B, Records K, Vega-Lopez S, Permana P, Coonrod D, Nagle Williams A. Overweight, Obesity, and Neighborhood Characteristics among Postpartum Latinas. *J Obesity*, 2013;29(1):130-140.
- Kerr J, Sallis JF, Owen N, De Bourdeaudhuij ID, Cerin E, Reis R, et al. (Note: 30 authors in total with Ainsworth BE listed as #22). Advancing science and policy through a coordinated International Study of Physical Activity and Built Environments: IPEN methods. *J Phys Act Health*. 2013;10(4):581-601.
- Herrmann SD, Heumann KJ, Der Ananian CA, Ainsworth BE. Validity and reliability of the Global Physical Activity Questionnaire (GPAQ). *Measure Phys Ed Exerc Sci*, 2013 (in press).
- Herrmann S, Barreira TV, Kang M, Ainsworth BE. How many hours is enough to characterize daily physical activity using accelerometry. *J Phys Act Health*. 2013;5:772-749.
- Marshall SJ, Nicaise V, Ji M, Huerta C, Haubenstricker J, Levy SS, Ainsworth B, Elder JE. Using step cadence goals to increase moderate-to-vigorous-intensity physical activity. *Med Sci Sports Exerc*. 2013;45(3):592-602.
- Marshall SJ, Nicaise V, Huerta C, Haubenstricker J, Levy S, Kolkhorst F, Tudor-Locke C, Ainsworth BE. Using pedometers to increase moderate intensity physical activity: a randomized controlled trial. *Ann Behav Med*. 36(5):410-415.
- Purath J, Keller C, Ainsworth B. A model to guide physical activity interventions in community-dwelling older adults. *Geriatric Nursing*, 2013; 34(3):204-211.
- Meckes N, Vezina J, Herrmann S, Angadi S, Sawyer S, Ainsworth BE. Oxygen cost of performing other care activities. *Intl J Sport Sci*, 2013, 6(1):11-19
- Soroush A, Der Ananian C, Ainsworth BE, Belyea M, Poortvelt E, Walker J, Yngve A. The effects of 6 months pedometer-determined physical activity intervention on physical fitness: The ASUKI Step study. *J Asian Sports Med* 2013; 4(2):114-124.
- Strath SJ, Ainsworth BE, Ekelund U, Freedson PS, Gary RA, Richardson CR, Smith DT, Swartz AM, Kaminsky LA. A comprehensive guide to the assessment of physical activity: Clinical and research application. A scientific statement from the American Heart Association. *Circulation* . Invited paper. 2013 Nov 12;128(20):2259-79

2012 (n=19)

- Ainsworth BE, Der Ananian CD, Soroush A, Walker J, Swan P, Poortvliet E, Yngve A. "ASUKI Step" pedometer intervention in university staff: rationale and design, *BMC Public Health*, 2012.
- Ainsworth BE, Caspersen CJ, Matthews CE, Mässe LC, Baranowski T, Zhu W. Recommendations to Improve the Accuracy of Estimates of Physical Activity Derived from Self Report. *J Phys Act Health*, 2012;9(Suppl1):S76-84.
- Grimstvedt ME, Der Ananian C, Keller C, Woolf K, Sebren A, Ainsworth BE. Nurse practitioner and physician assistant physical activity counseling knowledge, confidence and practices. *Prev Med*, 2012;54(5):306-308.
- Hagströmer M, Ainsworth B, Kwak L, Bowles H. A checklist for evaluating the methodological quality of validation studies on self-report instruments for physical activity and sedentary behavior. *J Phys Act Health*. 2012;9(suppl1):S29-36
- Kang M, Bassett DR, Tudor-Locke C, Barreira T, and Ainsworth B. Measurement effects of seasonal and monthly variability on pedometer-determined data. *J Phys Act Health*, 2012;9:336-343

- Keller C, Coe K, Records K, Ainsworth B, Vega-López S & Nagle Williams A. Promotoras roles in integrative validity and treatment fidelity efforts in randomized controlled trials. *Fam Comm Health*. 2012;35(2):120-129
- Keller C, Shaw-Snyder B, Ainsworth BE. Dealing with overweight and obesity in older adults. *Elder Care: A Resource for Interprofessional Providers*. 2012; April:1-2.
- Keller C, Coe K, Records K, Ainsworth BE, Vega-Lopez S, Coonrod D, Permana P. Maintaining Fidelity in a Challenging Socio-Political Environment: Madres para la Salud. *Family Comm Health*, 2012;35(2):120-129.
- Larkey L, Szalacha L, Rogers C, Jahnke R, Ainsworth B. Measurement pilot study of the Meditative Movement Inventory (MMI). *J Nurs Measurement*, 2012;20(3):230-243.
- Levy S, Macera C, Coleman K, Nichols J, Marshall S, Ji M, Ainsworth BE, Hootman J. Evaluation of a Multi-component Group Exercise Program for Adults with Arthritis: Fitness and Exercise for People with Arthritis (FEPA). *Disability Health J*. 2012;5(4):305-311.
- Meyers DC, Wilson, DK, Kugler, KA, Colabianchi, N, McKenzie, TL, Ainsworth BE, Reed J, Schmidt, SC. Assessing Urban Walking Trail Use and Changes in the Trail Environment Using Systematic Observational Protocols. *Health and Place*, 2012;18(5):991-999.
- Newton RL, Han H, Dubbert PM, Johnson WE, Hickson DA, Ainsworth BE, Carithers T, Taylor H, Wyatt S, Tudor-Locke C. Pedometer determined physical activity tracks in adults: The Jackson Heart Study. *Int J Behav PA Nutr*, 2012, 18(9): starting page 44
- Pettee-Gabriel K, McClain JJ, High RR, Schmid KK, Whitfield GP, Ainsworth BE. Patterns of accelerometer-derived estimates of physical inactivity in middle-aged women. *Med Sci Sports Exerc*, 2012;44(1):104-110.
- Records K, Keller C, Ainsworth B, Permana P. Instrument selection for randomized controlled trials: Why this and not that? *Contemporary Clin Trials* ; 2012 Jan;33(1):143-50
- Rogers CE, Keller C, Larkey LK, Ainsworth BE. A randomized controlled trial to determine the efficacy of Sign Chi Do exercise on adaptation to aging. *Res Gerontol Nurs*. 2012;5(2):101-13.
- Sorouh A, Walker J, Poortvelt E, Belyea M, Ainsworth BE, Yngve A. The effects of 6 months pedometer-determined physical activity intervention on body composition characteristics in Swedish adults: The ASUKI Step study. *J Body Composition* 2012;10(2):47-54.
- Sternfeld B, Jiang S-F, Picchi T, Nelson M, Chasen-Taber L, Ainsworth BE, Quesenberry CP. Evaluation of a cell phone-based physical activity diary. *Med Sci Sports Exerc*; 2012 44(3):487-495.
- Vuillemin A, Speyer E, Simon C, Ainsworth B, Paineau D. Revue critique des questionnaires d'activité physique administrés en population Française et perspectives de développement [Critical review of physical activity questionnaires in a French population]. *Cahiers de nutrition et de diététique* 2012;47(5):234-241.
- Welk GW, McClain J, Ainsworth BE. Protocols for evaluating equivalency of accelerometry-based activity monitors. *Med Sci Sports Exerc*, 2012 Jan;44(1 Suppl 1):S39-49.

2011 (n=9)

- Ainsworth B E, Haskell WL, Herrmann SD, Meckes N, Bassett Jr DR, Tudor-Locke C, Greer JL, Vezina J, Whitt-Glover MC, Leon AS. 2011 Compendium of Physical Activities: a second update of codes and MET values. *Med Sci Sports Exerc*. 2011; 43(8):1575-1581.
- Bauman A, Ainsworth BE, Sallis JF, Hagströmer M , Craig CL, Bull FC, Pratt M, Venugopal K, Chau J , Sjostrom M and the IPS group. A descriptive epidemiology of sitting – a 20 country comparison using the International Physical Activity Questionnaire (IPAQ). *Am J Prev Med*. 2011 Aug;41(2):228-35.
- Hart TL, Ainsworth BE, Tudor-Locke C. Objective and Subjective Measures of Sedentary Behavior and Physical Activity. *Med Sci Sports Exerc*. 2011 Mar;43(3):449-56.
- Herrmann S, Hart TA, Lee CD, Ainsworth BE. Evaluation of the Active Key Accelerometer. In press. *Br J Sports Med*. 2011;45(2):109-113.
- Keller C., Records K, Belyea M, Ainsworth BE. Madres para la Salud: Design of a Theory-based Intervention for Postpartum Latinas. *Contemp Clin Trials*, 2011 May;32(3):418-27. Epub 2011 Jan 14.
- Nicaise V, Marshall S, Ainsworth BE. Domain-specific physical activity and self-report bias among low-income Latinas living in San Diego County, 2011;8(7), 881-890.

- Rogers, C. E., Keller, C., Larkey, L., Ainsworth BE. A Randomized Controlled Trial to determine Efficacy of Sign Chi Do Exercise on Adaptation to Aging. *Res Ger Nurs.* 2011 Jul 15:1-13. doi: 10.3928/19404921-20110706-01.
- Sharpe, PA, ET AL. Adherence to accelerometer protocols among women from economically disadvantaged neighborhoods. *J Phys Act Health* 2011;8(5):699-706.
- Tudor-Locke C, Ainsworth BE, Washington TL, Troiano RP. Assigning Metabolic Equivalent (MET) Values to the 2002 Census Occupational Classification System. *J Phys Act Health.* 2011 May;8(4):581-586.
- 2010 (n=9)**
- Ciccolo JT, Pettee KK, Macera CA, Ainsworth BE. Association between resistance training and self-rated health in a nationally representative sample of adult men and women. *J Phys Act Health.* 2010;7(3):289-98
- Dubbett PM, Robinson JC, Sung JH, Ainsworth BE, Wyatt SB, Carithers T, Newton R Jr, Rhudy JL, Barbour K, Sternfeld B, Taylor H Jr. Physical activity and Obesity in African Americans: the Jackson Heart Study. *Ethn Disease.* 2010;20(4):383-389.
- Hagstromer M, Ainsworth BE, Oja P, Sjostrom M. Comparison of the self-administered long form of the IPAQ with an objective measure of physical activity in a national population sample. *J Phys Act Health.* 2010, Jul;7(4):541-50.
- Ham SA, Ainsworth BE. Disparities in data on Healthy People 2010 Physical Activity Objectives Collected by Accelerometry and Self-Report. *Am J Pub Health.* 2010. Apr 1;100 Suppl 1:S263-8doi:10.2105/AJPH.2009.180075)
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1994 (n = 9)

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1992 (n = 4)

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1989 (n = 3)

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1988 (*n* = 1)

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1985 (*n* = 1)

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Grants and Contracts

Submitted

Agency: NSF
Title: Transportation as an Enabler of Human Wellness
Period: 2017-2019
Authors: R. Pendyala
Role: Co-I
Purpose: Incorporate physical activity into wellness model for impact of transportation on wellness

Currently Funded: PI or Co-I

Agency: NIH
Title: Children's Obesity Prevention
Amount: \$400,000/yr
Period: 2013-2017
Authors: P. Ohri-Vachaspati (PI)
Role: Co-Investigator
Purpose: Examine environmental influences on diet and physical activity in youth

Agency: NIH-NINR
Title: T-32 Minority Training for Health Professionals
Amount: \$300,000/yr
Period: 2014-2016
Authors: C. Keller (PI)
Role: Co-Investigator
Purpose: Train pre-doctoral BSN-PhD and post-doctoral fellows in minority health

Agency: NIH
Title: Effects of Meditative Movement (Qigong Tai Chi Easy) on Fatigue Breast Cancer Survivors
Amount: \$3,862,196
Period: 04/01/2015 – 03/31/2020
Authors: L. Larkey (PI)
Role: Co-Investigator
Purpose: Clinical trial to examine the effects of Qigong Tai Chi Easy on fatigue in cancer survivors.

Consultant

Lampert R (PI). Exercise in Genetic Cardiovascular Disease, NIH Grant submission. Period: 2015 - 2019

Recently Completed: PI or Co-I

Agency: NIH – NINR (1R01NR010356 - 01A2)
Title: Madres para la Salud, "Mothers for Health"
Amount: \$1,500,000 (52.5% full indirect)
Period: 7/2009 to 6/2012
Investigators: C. Keller (PI)
Role: Ainsworth – Co-Investigator (0.45 p-m/academic year and .15 p-m/summer)
Purpose: Intervention to reduce weight in Hispanic women following childbirth.

Agency: CDC, Physical Activity and Health Branch
Title: Pedometer-Based Physical Activity Assessment Project
Amount: \$25,700
Period: 10/2013 to 12/2014
Role: B. Ainsworth, PI
Purpose: Determine the feasibility of a pedometer add-on study to the BRFSS survey