

# Stanford

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## Abby C. King

David and Susan Heckerman Professor and Professor of Epidemiology & Population Health and of Medicine (Stanford Prevention Research Center)

Epidemiology and Population Health

### CONTACT INFORMATION

#### • Administrative Contact

Rocio Serrano - Administrative Associate, the HARTS Lab (Dr. King)

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**Tel** 650-497-2806

### Bio

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#### BIO

Recipient of the Outstanding Scientific Contributions in Health Psychology Award from the American Psychological Association, Dr. King's research focuses on the development, evaluation, and translation of public health interventions to reduce chronic disease in the US and globally. Her current research focuses on expanding the reach and generalizability of evidence-based interventions through use of state-of-the-art communication technologies; community-based participatory research perspectives to address health disparities among disadvantaged populations; and policy-level approaches to health promotion. She has served on a number of government taskforces in the U.S. and abroad, including membership on the U.S. Department of Health and Human Services' Scientific Advisory Committee on National Health Promotion and Disease Prevention Objectives for 2020, and the Science Board of the U.S. President's Council on Fitness, Sports and Nutrition. She co-Chaired the USDHHS 2018 Physical Activity Guidelines for Americans Advisory Committee. An elected member of the Academy of Behavioral Medicine Research and Past President of the Society of Behavioral Medicine (SBM), In 2014 she was one of 10 scientists who received honors from the Association of American Medical Colleges (AAMC) for outstanding research targeting health inequities. Her research on global Citizen Science engagement to promote healthful environments for All was honored with an international excellence award in 2015 in addition to Stanford Medical School's inaugural faculty community engagement award in 2018 and SBM's 2018 Research to Practice Award. Among additional honors that she has received are the Society of Behavioral Medicine's Distinguished Research Mentor Award, the International Society of Behavioral Nutrition and Physical Activity's inaugural lifetime achievement award in 2019, and the Society of Behavioral Medicine's 2020 Distinguished Scientist Award. She also has been honored with the 2020-21 Alva Myrdal Guest Professorship Award at Mälardalen University, Sweden. She has twice received the Stanford Prevention Research Center's Outstanding Contributions to Teaching Award, and in 2022 was honored with Stanford University's Miriam Aaron Roland Prize for volunteer and public service, recognizing exemplary work to engage students in integrating scholarship and service.

In 2022, she was ranked among the inaugural list of "Best Female Scientists Worldwide" by Research.com.

Dr. King is founder and Faculty Director of the OUR VOICE Global Citizen Science Research Initiative and Network. See <http://OURVOICE.STANFORD.EDU/>

#### ACADEMIC APPOINTMENTS

- Professor, Epidemiology and Population Health
- Professor, Medicine - Stanford Prevention Research Center

- Member, Cardiovascular Institute
- Member, Wu Tsai Human Performance Alliance
- Member, Stanford Cancer Institute
- Affiliate, Stanford Woods Institute for the Environment

## ADMINISTRATIVE APPOINTMENTS

- Vice Chair for Academic Affairs, Department of Epidemiology & Population Health, (2020- present)
- Co-Director NHLBI T32 Behavioral & Social Science Research Predoctoral Training Grant, Stanford Department of Epidemiology & Population Health, (2020-present)
- Director & Founder, the Our Voice Global Citizen Sci Research Initiative & Network, Stanford Prevention Research Center (inaugural funding from RWJF), (2016-present)
- Member, Stanford Diabetes Research Center, (2018- present)
- Member, Dean's Taskforce on Precision Health at Stanford, Stanford School of Medicine, (2015-2016)
- Chair, Dept of Epidemiology & Population Health masters admissions committee, Dept of Epidemiology & Population Health, (2014- present)
- Member,, School of Medicine Population Health Sciences Leadership Committee, (2014-2019)
- Member, University Committee on Research, (2013-2016)
- Acting Director, Division Chief, Stanford Prevention Research Center/Medicine, (2009-2010)
- Advisory Committee member, Sustainable Built Environment initiative, Stanford Woods Institute for the Environment, (2007-2010)
- Member, faculty steering committee-Mobility initiative, Stanford Center on Longevity, (2007-2008)
- Member, Appointments & Promotions committee, Stanford Medical School, (2006-2008)
- Co-Director, NHLBI Postdoctoral Training Grant, Stanford Prevention Research Center/Medicine, (1992- present)

## HONORS AND AWARDS

- Ranked among the "Best Female Scientists Worldwide" in 2022, Research.com (2022)
- 2022 Miriam Aaron Roland Volunteer Service Prize (integrating scholarship with service), Stanford University (2022)
- Member, Technical Expert Panel on modernization of physical activity surveillance, US Centers for Disease Control and Prevention (2022-2023)
- Member, NIH Intervention Prioritization Committee/ Behavioral Intervention Subcommittee, NIH RECOVER Post-Acute Sequelae of SARS-CoV-2 infection Initiative (2022-)
- Keynote Speaker, Public Science for Sustainable Living Environments conference, Finnish Environment Institute, Helsinki, Finland (2022)
- Keynote Speaker, The European Health-Enhancing Physical Activity Conference, Nice, France (2022)
- Integrated Strategic Plan (ISP) STAR Award, Stanford University School of Medicine (2021)
- Member, Data & Safety Monitoring Board, National Institute on Aging, Roybal Translational Centers (2020-)
- Alva Myrdal Guest Professorship Award, Mälardalen University, Sweden (2020-2021)
- Featured Speaker, Creating Active Communities International Conference, the Netherlands (2020)
- The Distinguished Scientist Award, Society of Behavioral Medicine (2020)
- Science Chair (with R. Perez-Excamilla), Childhood Obesity Prev US-Latin America Workshop, Fogarty International Center, National Institutes of Health (2019-)
- Invited Scholar/Mentor, International Global Bridges Program to Advance Health Care Research, Karolinska Institute, Stockholm, Sweden (2019)
- Invited Speaker, National Academies of Sciences, Engineering and Medicine, The National Cancer Policy Forum Workshop (2019)
- Keynote Speaker, 4th International Symposium on Exercise and Physical Activity Sciences, Santiago, Chile (2019)
- Lifetime achievement award for Outstanding Contributions to Behavioral Nutrition/Physical Activity, International Society of Behavioral Nutrition & Physical Activity (2019)
- Member, International Expert Group on Physical Activity, World Health Organization, Geneva, Switzerland (2018-)
- U.S. research mentor, Fogarty Global Health Equity Scholars program, Fogarty International Center, National Institutes of Health (2018-)

- International Expert, 2018 update of the UK Chief Medical Officers Physical Activity Guidelines, Office of the Chief Medical Officer, United Kingdom (2018)
- Keynote Presenter, D.B. Dill Plenary Lecture, Annual Meeting of American College of Sports Medicine and 9th World Congress on Exercise is Medicine (2018)
- Recipient, 2018 Research to Practice Award, Society of Behavioral Medicine (2018)
- Recipient, Inaugural Faculty Community Engagement Award, Center for Population Health Sciences, Stanford Medicine (2018)
- Member, Scientific Advisory Board, US Pointer Trial to reduce cognitive decline, The Alzheimer's Association (2017-)
- Member, International Scientific Advisory Board, Capital4Health Policy Research Forum, Sponsor: Friedrich-Alexander University, Erlangen-Nürnberg, Germany (2016-)
- Co-Chair, 2018 Physical Activity Guidelines for Americans Advisory Committee, U.S. Department Of Health & Human Services (2016-2018)
- Co-Chair, National Work Group for Developing Comparator Arms in Behav & Social Sci Trials, National Institutes of Health, Office of Behavioral & Social Science Research (2016-2018)
- Member, the National Science Board, The U.S. President's Council on Fitness, Sports and Nutrition (2015-2018)
- International Excellence Award for innovation (for the Stanford Healthy Neighborhood Discovery Tool), Center for Active Design, NYC (2015)
- Member, Data & Safety Monitoring Board, National Fall Injuries Prevention Partnership Trial, National Institute on Aging, Patient-Centered Outcomes Research Institute (PCORI) (2014-2019)
- Recipient, Outstanding work in Support of Health Equity recognition, Association of American Medical Colleges (AAMC) (2014)
- Recipient, Distinguished Service Award, Society of Behavioral Medicine (2013)
- President, Society of Behavioral Medicine (2011 - 2012)
- Recipient, Teaching Award for Outstanding Contributions to Divisional Teaching Activities, Stanford Prevention Research Center, Dept. of Medicine (2011)
- Member, Executive Committee and Board of Directors, Society of Behavioral Medicine (2010-2013)
- Member, US Scientific Advisory Committee, National Health Promot & Disease Prevent 2020 Objectives, U.S. Secretary of the Department of Health & Human Services (2007-2011)
- Recipient, Distinguished Research Mentor Award, Society of Behavioral Medicine (2003)
- Recipient, Teaching Award for Outstanding Contributions to Divisional Teaching Activities, Stanford Prevention Research Center, Dept. of Medicine (2001)
- Elected Member, Academy of Behavioral Science Research (1999)
- Contributing Author, US Surgeon General's Report on Physical Activity and Health (1995-1996)
- Member, National Teaching Faculty, Physical Activity & Public Health Post-Graduate Science Course, National Cancer Institute, NIH US Centers for Disease Prevention & Control (1995-)
- Award for Outstanding Scientific Contributions in Health Psychology, American Psychological Association (1994)
- Shannon Award for meritorious research on health and aging, National Institutes of Health (1994)
- Co-Author, Outstanding Academic Book of the Year, Choice publication (1989)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, Scientific Advisory Board, Alzheimer's Association U.S. Pointer Trial (2018 - present)
- Member, Advisory Committee, Alzheimer's Association (2018 - present)
- Co-Chair, Intervention Prioritization Behavioral Subcommittee, NIH RECOVER Trial (Researching COVID to Enhance Recovery) (2022 - 2022)
- Member, Data & Safety Monitoring Board, NIA/PCORI-funded national Fall Injuries Prevention Partnership Trial (2014 - 2020)
- Member, Science Board, US President's Council on Fitness, Sports, & Nutrition (2015 - 2018)
- Member, NIA Data & Safety Monitoring Board, NIA Roybal Centers for Translational Research in Behav & Social Sci of Aging (2020 - 2022)
- Member, Wisdom Council, Society of Behavioral Medicine (2012 - present)
- Member, Board of Directors, Society of Behavioral Medicine (2011 - 2013)
- Member, Scientific Advisory Committee on National Health Promotion and Disease Prevention Objectives for 2020, U.S. Secretary of the Department of Health and Human Services (2007 - 2011)
- Senior Fellow, Stanford Center for Innovation in Global Health (2015 - present)

## PROFESSIONAL EDUCATION

- PhD, VA Poly Inst & State Unvers , Clinical Psychology (1983)

## COMMUNITY AND INTERNATIONAL WORK

- Harnessing the power of people worldwide as 'citizen scientists' to generate solutions for healthier, more equitable communities in the United States
- Citizen Science to Promote Sustained Physical Activity in Low-Income Communities
- Promoting population-wide programs to prevent chronic disease in low-income countries, Paraguay
- Neighborhood Eating & Activity Advocacy Projects, International
- Qassim University College of Medicine Educational Partnership, Saudi Arabia
- Groningen Active Living Model Research, Netherlands
- The online health literacy of older adults, SF peninsula region and Baltimore, MD
- Computer-based physical activity advice for ethnic minority aging adults, San Jose
- Creating more sustainable decisions and behaviors through new processes and focused interventions
- Multi-scale modeling of health behaviors: Water, sanitation, and child survival in Africa
- Preventing obesity among socioeconomically disadvantaged women and children, Melbourne, Victoria, Australia
- Get Mobile, New South Wales and Queensland, Australia
- Environmental Approaches to Increased Walking in Rural Communities, Bootheel region of Missouri
- Active For Life, Chicago, Memphis, S.F. Bay area, S. California

## LINKS

- Healthy Aging Research & Technology Solutions Lab: <http://healthyaging.stanford.edu>
- Our Voice Citizen Science Global Network & Initiative: <http://ourvoice.stanford.edu>
- Stanford Prevention Research Center: <http://prevention.stanford.edu>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

My interests include the applications of behavioral theory and social ecological approaches to achieve large scale change in chronic disease prevention and health promotion areas of relevance, in particular, to mid-life and older adults as well as underserved communities; studying influences of the built and social environments on health behaviors and outcomes; expanding the reach and translation of evidence-based interventions through the use of state-of-the-art communication technologies; applying community-based participatory research perspectives to address health disparities among disadvantaged populations; and evaluating policy-level approaches to health promotion/disease prevention in the US and internationally.

In the physical activity and aging field, I am interested in the study of physical activity as a link to other health-promoting behaviors; and the relationship of physical activity and other health-related behaviors to day-to-day functioning, stress and coping, and sleep quality, particularly in chronically stressed as well as underserved populations.

In pursuing the development of behavioral interventions for chronic disease prevention with broad applicability to the population at large, I have investigated channels of delivery (e.g., mediated approaches and interactive technologies) that do not require ongoing face-to-face contact. We have found that mediated interventions can provide a useful alternative to more intensive face-to-face approaches to health behavior change and, in some cases, such as in the physical activity field, may actually produce better long term (i.e., up to two years) adherence than class- or group-based approaches.

Finally, we are applying "citizen science" perspectives in harnessing the power of residents to change their local environments to improve their health. The goal of this applied community-based research is to provide all residents, regardless of language, culture, or sociodemographic circumstances, with a means of identifying and working with other residents, community organizations, governments, and other decision makers to improve their local environments to promote health and wellbeing.

## CLINICAL TRIALS

- Caminamos: A Smartphone App for Latinas to Connect With Walking Partners, Not Recruiting
- Citizen Science to Promote Sustained Physical Activity in Low-Income Communities, Not Recruiting
- Computer-Based Physical Activity Advice for Ethnic Minority Aging Adults, Not Recruiting
- Innovative Physical Activity Interventions for Overweight Latinos, Not Recruiting
- Promoting Healthy Lifestyles Using Mobile Phones, Not Recruiting
- Spark: Finding the Optimal Tracking Strategy for Weight Loss in a Digital Health Intervention, Not Recruiting
- Testing Multi-Level Remote Physical Activity Interventions in a National Sample of Older Women: The WHISH EnCore Trial, Not Recruiting
- The CHAT (Community Health Advice by Telephone) Study, Not Recruiting
- The Effectiveness of Regular Exercise on Improving Sleep in Older Adults, Not Recruiting
- The LIFE Study - Lifestyle Interventions and Independence for Elders, Not Recruiting
- The TLC2 (Teaching Healthy Lifestyles to Caregivers 2)/CALM (Counseling Advice for Lifestyle Management) Study, Not Recruiting
- Understanding the Impact of Neighborhood Type on Physical Activity in Older Adults, Not Recruiting
- Virtual Advisors for Physical Activity Promotion in Underserved Communities, Not Recruiting

## PROJECTS

- Citizen Science to Promote Sustained Physical Activity in Low-Income Communities - Stanford University/Stanford Prevention Research Center (1/1/2017 - 12/31/2021)
- Global "Citizen Science" Neighborhood Eating & Activity Advocacy Projects - Stanford Prevention Research Center, Community organizations, health depts., universities and organizations in US and internationally
- Promoting population-wide programs to prevent chronic disease in low-income countries - Ministry of Health of Paraguay, National University of Paraguay
- Computer-based and mHealth physical activity advice and support for ethnic minority aging adults - Stanford University; Northeastern University, Boston, MA
- Food Insights and Literacy for Living Well - Stanford University; Google, Inc.
- Environmental approaches to increased walking in urban and rural communities - Stanford University; UC-San Diego; University of Washington; UBC-Vancouver; St. Louis University, CDC
- The online health literacy of older adults - ): Johns Hopkins School of Public Health
- Creating more sustainable decisions and behaviors through new processes and focused interventions - Woods Institute for the Environment
- Preventing obesity among socioeconomically disadvantaged women and children - Deakin University, Australia
- Active For Life - Robert Wood Johnson Foundation, Texas A & M University

## Teaching

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### COURSES

#### 2020-21

- Citizen Science Theory to Practice: Advancing Community-Driven Solutions for Health: MED 243 (Aut)

### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Maja Pedersen

**Doctoral Dissertation Advisor (AC)**

Shamsi Soltani

**Master's Program Advisor**

Kristi Bartholomay, Miguel Villarreal Rodriguez

**Doctoral Dissertation Co-Advisor (AC)**

Katie Wu

**Postdoctoral Research Mentor**

Maja Pedersen

**GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS**

- Epidemiology (Masters Program)
- Medicine (Masters Program)

**Publications**

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**PUBLICATIONS**

- **Integrating Photovoice and Citizen Science: The Our Voice Initiative in Practice.** *Health promotion practice*  
Zha, C. C., Jansen, B., Banchoff, A., Fernes, P., Chong, J., Castro, V., Vallez-Kelly, T., Fenton, M., Rogers, J., King, A. C.  
2022; 23 (2): 241-249
- **An in-depth comparison of well-being among Latinx and non-Latinx White adults: A cautionary tale.** *Preventive medicine reports*  
Rodriguez Espinosa, P., Patel, M. L., King, A. C., Campero, I., Freeman, M. 2., Garcia, D. M., Winter, S. J., Heaney, C. A.  
2021; 24: 101513
- **Urban blue spaces and human health: A systematic review and meta-analysis of quantitative studies** *CITIES*  
Smith, N., Georgiou, M., King, A. C., Tiegies, Z., Webb, S., Chastin, S.  
2021; 119
- **The Role of Citizen Science in Promoting Health Equity.** *Annual review of public health*  
Rosas, L. G., Espinosa, P. R., Jimenez, F. M., King, A. C.  
2021
- **Testing the effectiveness of community-engaged citizen science to promote physical activity, foster healthier neighborhood environments, and advance health equity in vulnerable communities: The steps for change randomized controlled trial design and methods.** *Contemporary clinical trials*  
King, A. C., Campero, M. I., Garcia, D., Blanco-Velazquez, I., Banchoff, A., Fierros, F., Escobar, M., Cortes, A. L., Sheats, J. L., Hua, J., Chazaro, A., Done, M., Espinosa, et al  
2021: 106526
- **A Novel Model for Generating Creative, Community-Responsive Interventions to Reduce Gender-Based Violence on College Campuses.** *International journal of environmental research and public health*  
Graham, S., Zha, C. C., King, A. C., Banchoff, A. W., Sarnquist, C., Dauber, M., Baiocchi, M.  
2021; 18 (15)
- **An ecosystem service perspective on urban nature, physical activity, and health.** *Proceedings of the National Academy of Sciences of the United States of America*  
Remme, R. P., Frumkin, H., Guerry, A. D., King, A. C., Mandle, L., Sarabu, C., Bratman, G. N., Giles-Corti, B., Hamel, P., Han, B., Hicks, J. L., James, P., Lawler, et al  
2021; 118 (22)
- **Childhood obesity prevention across borders: The promise of U.S.-Latin American research collaboration.** *Obesity reviews : an official journal of the International Association for the Study of Obesity*  
King, A. C., Perez-Escamilla, R., Vorkoper, S., Anand, N., Rivera, J.  
2021: e13238

- **Community-driven citizen science approach to explore cardiovascular disease risk perception, and develop prevention advocacy strategies in sub-Saharan Africa: a programme protocol.** *Research involvement and engagement*  
Okop, K. J., Murphy, K., Lambert, E. V., Kedir, K., Getachew, H., Howe, R., Niyibizi, J. B., Ntawuyirushintege, S., Bavuma, C., Rulisa, S., Kasenda, S., Chipeta, E., Bunn, et al  
2021; 7 (1): 11
- **Community-Based Approaches to Reducing Health Inequities and Fostering Environmental Justice through Global Youth-Engaged Citizen Science.** *International journal of environmental research and public health*  
King, A. C., Odunitan-Wayas, F. A., Chaudhury, M., Rubio, M. A., Baiocchi, M., Kolbe-Alexander, T., Montes, F., Banchoff, A., Sarmiento, O. L., Balter, K., Hinckson, E., Chastin, S., Lambert, et al  
2021; 18 (3)
- **Building healthy schools through technology-enabled citizen science: The case of the our voice participatory action model in schools from Bogota, Colombia.** *Global public health*  
Gonzalez, S. A., Rubio, M. A., Triana, C. A., King, A. C., Banchoff, A. W., Sarmiento, O. L.  
2021: 1–17
- **Food insecurity and social injustice: The plight of urban poor African immigrants in South Africa during the COVID-19 crisis** *GLOBAL PUBLIC HEALTH*  
Odunitan-Wayas, F. A., Alaba, O. A., Lambert, E.  
2020
- **A Mixed Method Study to Inform the Implementation and Expansion of Pop-Up Parks for Economic, Behavioral, and Social Benefits.** *Journal of urban health : bulletin of the New York Academy of Medicine*  
Winter, S. J., Sheats, J. L., Salvo, D., Banda, J. A., Quinn, J., Rivera, B. R., King, A. C.  
2020
- **Employing Participatory Citizen Science Methods to Promote Age-Friendly Environments Worldwide.** *International journal of environmental research and public health*  
King, A. C., King, D. K., Banchoff, A., Solomonov, S., Ben Natan, O., Hua, J., Gardiner, P., Rosas, L. G., Espinosa, P. R., Winter, S. J., Sheats, J., Salvo, D., Aguilar-Farias, et al  
2020; 17 (5)
- **Solution-based science to prevent and control diabetes in underserved communities around the world (commentary, for Diabetes special section).** *Translational behavioral medicine*  
King, A. C.  
2020; 10 (1): 55–57
- **A citizen science approach to determine perceived barriers and promoters of physical activity in a low-income South African community.** *Global public health*  
Odunitan-Wayas, F. A., Hamann, N., Sinyanya, N. A., King, A. C., Banchoff, A., Winter, S. J., Hendricks, S., Okop, K. J., Lambert, E. V.  
2020: 1–14
- **Urban Transformations and Health: Methods for TrUST-a Natural Experiment Evaluating the Impacts of a Mass Transit Cable Car in Bogota, Colombia.** *Frontiers in public health*  
Sarmiento, O. L., Higuera-Mendieta, D., Wilches-Mogollon, M. A., Guzman, L. A., Rodriguez, D. A., Morales, R., Mendez, D., Bedoya, C., Linares-Vasquez, M., Arevalo, M. I., Martinez-Herrera, E., Montes, F., Meisel, et al  
2020; 8: 64
- **Effects of Counseling by Peer Human Advisors vs Computers to Increase Walking in Underserved Populations: The COMPASS Randomized Clinical Trial.** *JAMA internal medicine*  
King, A. C., Campero, M. I., Sheats, J. L., Castro Sweet, C. M., Hauser, M. E., Garcia, D. n., Chazaro, A. n., Blanco, G. n., Banda, J. n., Ahn, D. K., Fernandez, J. n., Bickmore, T. n.  
2020
- **Engaging citizen scientists to build healthy park environments in Colombia.** *Health promotion international*  
Rubio, M. A., Triana, C. n., King, A. C., Rosas, L. G., Banchoff, A. W., Rubiano, O. n., Chrisinger, B. W., Sarmiento, O. L.  
2020
- **The effect of digital physical activity interventions on daily step count: a randomised controlled crossover substudy of the MyHeart Counts Cardiovascular Health Study** *LANCET DIGITAL HEALTH*  
Shcherbina, A., Hershman, S. G., Lazzaroni, L., King, A. C., O'Sullivan, J. W., Hekler, E., Moayed, Y., Pavlovic, A., Waggott, D., Sharma, A., Yeung, A., Christle, J. W., Wheeler, et al



2019; 1 (7): E344–E352

- **The effect of digital physical activity interventions on daily step count: a randomised controlled crossover substudy of the MyHeart Counts Cardiovascular Health Study.** *The Lancet. Digital health*  
Shcherbina, A., Hershman, S. G., Lazzeroni, L., King, A. C., O'Sullivan, J. W., Hekler, E., Moayed, Y., Pavlovic, A., Waggott, D., Sharma, A., Yeung, A., Christle, J. W., Wheeler, et al  
2019; 1 (7): e344-e352
- **The selection of comparators for randomized controlled trials of health-related behavioral interventions: recommendations of an NIH expert panel** *JOURNAL OF CLINICAL EPIDEMIOLOGY*  
Freedland, K. E., King, A. C., Ambrosius, W. T., Mayo-Wilson, E., Mohr, D. C., Czajkowski, S. M., Thabane, L., Collins, M., Rebok, G. W., Treweek, S. P., Cook, T. D., Edinger, J. D., Stoney, et al  
2019; 110: 74–81
- **Enhancing safe routes to school programs through community-engaged citizen science: two pilot investigations in lower density areas of Santa Clara County, California, USA.** *BMC public health*  
Rodriguez, N. M., Arce, A., Kawaguchi, A., Hua, J., Broderick, B., Winter, S. J., King, A. C.  
2019; 19 (1): 256
- **Enhancing safe routes to school programs through community-engaged citizen science: two pilot investigations in lower density areas of Santa Clara County, California, USA** *BMC PUBLIC HEALTH*  
Rodriguez, N. M., Arce, A., Kawaguchi, A., Hua, J., Broderick, B., Winter, S. J., King, A. C.  
2019; 19
- **The Selection of Comparators for Randomized Controlled Trials of Health-Related Behavioral Interventions: Recommendations of an NIH Expert Panel.** *Journal of clinical epidemiology*  
Freedland, K. E., King, A. C., Ambrosius, W. T., Mayo-Wilson, E., Mohr, D. C., Czajkowski, S. M., Thabane, L., Collins, L. M., Rebok, G. W., Treweek, S. P., Cook, T. D., Edinger, J. D., Stoney, et al  
2019
- **Maximizing the promise of citizen science to advance health and prevent disease** *PREVENTIVE MEDICINE*  
King, A. C., Winter, S. J., Chrisinger, B. W., Hua, J., Banchoff, A. W.  
2019; 119: 44-47
- **The Scientific Foundation for the Physical Activity Guidelines for Americans, 2nd Edition** *JOURNAL OF PHYSICAL ACTIVITY & HEALTH*  
Powell, K. E., King, A. C., Buchner, D. M., Campbell, W. W., DiPietro, L., Erickson, K. I., Hillman, C. H., Jakicic, J. M., Janz, K. F., Katzmarzyk, P. T., Kraus, W. E., Macko, R. F., Marquez, et al  
2019; 16 (1): 1–11
- **The US Physical Activity Guidelines Advisory Committee Report-Introduction.** *Medicine and science in sports and exercise*  
King, A. C., Powell, K. E., Kraus, W. E.  
2019; 51 (6): 1203–5
- **Physical Activity Promotion: Highlights from the 2018 Physical Activity Guidelines Advisory Committee Systematic Review.** *Medicine and science in sports and exercise*  
King, A. C., Whitt-Glover, M. C., Marquez, D. X., Buman, M. P., Napolitano, M. A., Jakicic, J. n., Fulton, J. E., Tennant, B. L.  
2019; 51 (6): 1340–53
- **Maximizing the promise of citizen science to advance health and prevent disease.** *Preventive medicine*  
King, A. C., Winter, S. J., Chrisinger, B. W., Hua, J., Banchoff, A. W.  
2018
- **The Myheart Counts Cardiovascular Health Study: A Randomized Controlled Trial of Digital Health Coaching for Physical Activity Promotion**  
Shcherbina, A., Hershman, S., King, A. C., Hekler, E., Pavlovic, A., Waggott, D., McConnell, M. V., Ashley, E. A., Harrington, R. A.  
LIPPINCOTT WILLIAMS & WILKINS.2018: E767
- **LEVERAGING CITIZEN SCIENCE TO CREATE HEALTH-PROMOTING ENVIRONMENTS WORLDWIDE: FINDINGS FROM THE OUR VOICE GLOBAL CITIZEN SCIENCE RESEARCH NETWORK**  
King, A., Banchoff, A., Winter, S., Hua, J., Sarmiento, O., Aguilar-Farias, N. I., Chastin, S., Lambert, E. V.  
SPRINGER.2018: S180



- **Mobile Health Advances in Physical Activity, Fitness, and Atrial Fibrillation Moving Hearts** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
McConnell, M. V., Turakhia, M. P., Harrington, R. A., King, A. C., Ashley, E. A.  
2018; 71 (23): 2691–2701
- **HARNESSING TECHNOLOGY AND CITIZEN SCIENCE TO SUPPORT AGE-FRIENDLY NEIGHBORHOODS IN TAIWAN**  
Chou, Y., Hua, J., Banchoff, A., Winter, S. J., Liou, D., King, A. C.  
OXFORD UNIV PRESS INC.2018: S818
- **SHAPING THE FUTURE OF PHYSICAL ACTIVITY PROMOTION: HIGHLIGHTS FROM THE 2018 PA GUIDELINES SCIENTIFIC ADVISORY COMMITTEE REVIEW**  
King, A. C., Marquez, D. X., Napolitano, M. A., Buman, M. P., Whitt-Glover, M.  
OXFORD UNIV PRESS INC.2018: S173
- **PHYSICAL ACTIVITY RESEARCH IN THE 21ST CENTURY: HARNESSING KEY PATHWAYS FOR ACHIEVING GLOBAL IMPACT**  
King, A. C., Sallis, J. F., Winter, S. J., King, A. C., Orleans, T.  
OXFORD UNIV PRESS INC.2018: S384
- **ACTING LOCALLY TO IMPROVE HEALTH GLOBALLY: ENGAGING CITIZEN SCIENTISTS TO CHANGE ENVIRONMENTS AND POLICIES FOR ACTIVE LIVING**  
Winter, S. J., Banchoff, A., King, A.  
OXFORD UNIV PRESS INC.2018: S385
- **Stress experiences in neighborhood and social environments (SENSE): a pilot study to integrate the quantified self with citizen science to improve the built environment and health.** *International journal of health geographics*  
Chrisinger, B. W., King, A. C.  
2018; 17 (1): 17
- **Citizen science applied to building healthier community environments: advancing the field through shared construct and measurement development** *INTERNATIONAL JOURNAL OF BEHAVIORAL NUTRITION AND PHYSICAL ACTIVITY*  
Hinckson, E., Schneider, M., Winter, S. J., Stone, E., Puhan, M., Stathi, A., Porter, M. M., Gardiner, P. A., dos Santos, D., Wolff, A., King, A. C.  
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