

Marc A. Adams, Ph.D., M.P.H.

Professor of Public Health
College of Health Solutions,
ISSR Affiliate Faculty,
Senior Global Futures Scientist,
Julie Ann Wrigley Global Futures Laboratory
Arizona State University
425 North 5th Street, Phoenix, AZ 85004-2135
Email: marc.adams@asu.edu; Phone: 602-827-2470
Current as of August 2024

1. ACADEMIC APPOINTMENTS

- 2024-current **Assistant Dean of Education**, School of Technology for Public Health, ASU Health,
2021-current. **Founding Program Director**, Population Health PhD, College of Health Solutions
2023-current **Professor (tenured)**, Arizona State University, College of Health Solutions
2018-2023. **Associate Professor (tenured)**, Arizona State University, College of Health Solutions
2012-2018 **Assistant Professor**, Arizona State University, School of Nutrition and Health Promotion,
Exercise Science and Health Promotion
2010-2013 **Adjunct Research Professor**, San Diego State University, Graduate School of Public Health, and
Department of Psychology
2011-2012 **Adjunct Assistant Professor**, UC, San Diego, School of Medicine, Department of Family and
Preventive Medicine, Division of Behavioral Medicine.

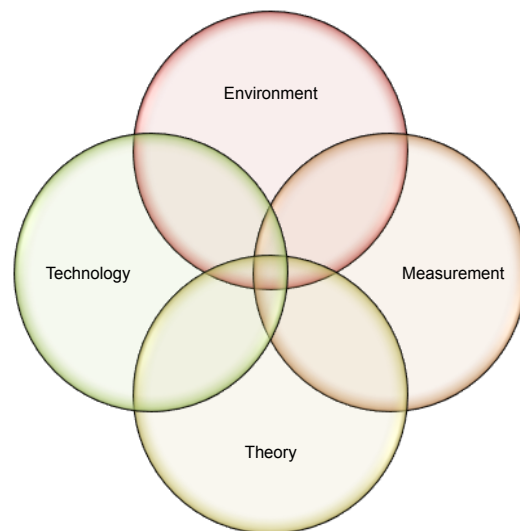
2. RESEARCH AND SCHOLARSHIP

My research and scholarship focus on improving health behaviors, specifically physical activity and healthy eating, for the primary prevention of cardiovascular disease and cancer across the population. I am pursuing three specific approaches to improve these behaviors dramatically for adults and children at the population level: (1) Developing and testing scalable technology-based interventions that adapt uniquely to individuals for behavior change. (2) Measuring and modifying environmental determinants of physical activity and eating behaviors, (3) Combining these two approaches (strongest approach). **Figure 1** provides an overview of my research interests and shows that although these areas exist independently, my interests fall primarily within intersecting areas.

Key research descriptors:

- Behavior change • physical activity • behavioral nutrition • ecological models • population health • epidemiology • artificial intelligence / machine learning • mHealth • adaptive interventions • goal setting • incentives • built environment • walkability • measurement • primary prevention • risk factors

Figure 1. Broad overview of my research interests for health behaviors



3. EDUCATION

- 2011 **Postdoc, Integrated Cardiovascular Epidemiology**, University of California, San Diego.
- 2009 **Ph.D., Public Health, Social and Behavioral Sciences**, University of California, San Diego & San Diego State University, Joint Doctoral Program.
- 2003 **M.P.H., Public Health**, San Diego State University
- 2001 **B.A., Psychology**, San Diego State University

4. ENTREPRENEURIAL EXPERIENCE AND TECHNOLOGY TRANSFER

2024- Current, **StreetSmart Analytics, LLC**, Phoenix, Arizona. Owner and Manager

StreetSmart Analysis, LLC offers AI/ML (computer vision) solutions to help researchers and urban and transportation planners measure social determinants of health in omnidirectional streetscape images. Our validated models (developed with two NIH grants) can detect streetscape features (e.g., sidewalks, crosswalks, pedestrian crossing signals, curb ramps, lighting, street seating, etc.) across millions of images anywhere in the United States. Use cases include ongoing environmental surveillance, change detection, environmental disparity evaluation, and interventions.

5. GRANT FUNDING

Since Employment at ASU

I am the principal investigator on grants or sub-awards, summing to over \$6.9M in total costs to Arizona State University. Below is a summary of these grants.

Entire Career at ASU

| | | |
|-----------|-----------|-----------------|
| | Submitted | Submitted as PI |
| Proposals | 64 | 35 |
| | Awarded | Awarded as PI |
| Proposals | 22 | 16 |

Pending Grants

1. **Funding Agency:** NIH/NHLBI
Title: Amplifying the Impact of the Fresh Fruit and Vegetable Program Beyond Schools: A Multisectoral Approach.
Dates: January 2025 – December 2032
Role: Adams (MPI), Ohri-Vachaspati (MPI)
Mechanism: NIH UG3/UH3

2. **Funding Agency:** NIH/NICHHD
Title: The impact, implementation, and cost-benefit of integrating engineering technical assistance into Safe Routes to School programs: A natural experiment in Phoenix, Arizona.
Dates: Dec 2024 – Nov 2029
Role: Adams (Co-I), Poulos (PI)
Mechanism: NIH R01

3. **Funding Agency:** NIH/NIA

Title: *Addressing the ADRD Crisis in Rural America: Uncovering Modifiable Pedestrian Environment Determinants of Physical Activity, Social Isolation, and Mental Health among In-home Caregivers.*

Dates: Dec 2024 - Nov 2026

Total Award Amount: \$442,000

Role: Adams (MPI), Wendy (MPI-University of Florida)

Mechanism: NIH R21

4. Funding Agency: NIH/NCI [R21CA293976]

Title: Developing AI-measures of Pedestrian Environment Features for Physical Activity and Cancer Prevention in Rural Communities

Dates: Aug 2024 - July 2026

Total Award Amount: \$442,408

Role: Adams (MPI), Wendy (MPI-University of Florida)

Mechanism: NIH R21

5. Funding Agency: NIH/NCI [R21CA293976]

Title: Prospective associations between neighborhood environments and physical activity and weight status across age groups: secondary analyses combining 5 NIH studies

Dates: Aug 2024 - July 2026

Total Award Amount: \$235,500

Role: Adams (Co-I), Oyeyemi (PI)

Mechanism: NIH R21

Funded Projects as PI (or Multiple-PI) or Co-I while at ASU

Ongoing Extramurally Funded Grants

6. Funding Agency: National Dairy Council

Title: The association of milk consumption with fruit and vegetable consumption using objective plate waste measures

Dates: June 2024 – May 2025

Total Award Amount: \$98,886

Role: Adams (MPI), Bruening (MPI – Penn State)

1. Funding Agency: NIH

Dates: August 2023 – August 2024

Title: PED-PHAM: An Automated and Scalable Spatial Tool That Predicts and Monetizes Health Impacts of the Built, Natural, and Social Environment

Total Award Amount: \$275,660

Total Award Amount to ASU Subcontract: \$90,148

Amount Recognition to MAA: \$90,148

Role: Adams (PI-subcontract); Urban Design 4 Health (PI-parent)

Mechanism: NIH SBIR

2. Funding Agency: NIH/NINR

Dates: April 2023- March 2028

Title: Smart Walk: A Culturally Tailored Smartphone-delivered Physical Activity Intervention for Reduction of Cardiometabolic Disease Risk among African American Women

Total Award Amount: \$3,884,891

Amount Recognition to MAA: \$388,489

Role: Adams (co-I); Joseph (PI)

Mechanism: NIH R01

- 3. Funding Agency:** NIH/NHLBI
Dates: May 2021 - April 2025
Title: Are Interventions Supporting Physical ACTivity modified by Environment (InSPACE)?
Total Award Amount to ASU Subcontract: \$9,420
Amount Recognition to MAA: \$9,420
Role: Adams (Subaward PI); Saelens (Parent Grant PI)
Mechanism: NIH R01 (subaward to ASU)

Completed Extramurally Funded Grants

- 4. Funding Agency:** NIH/NHLBI (R01 HL139120)
Dates: August 2017 – June 2023 (NCE)
Title: Salad Bars and Students' Fruit and Vegetable Consumption: A Group-Randomized Trial with Objective Assessments
Total Award Amount: \$2,843,186
Amount Recognition to MAA: \$852,956
Role: Adams & Bruening (MPIs)
Mechanism: NIH R01
- 5. Funding Agency:** NIH/National Cancer Institute (R01 CA198915)
Dates: August 2015 – July 2022 (NCE)
Title: WalkIT Arizona: Neighborhood walkability and moderating of adaptive walking interventions
Total Award Amount: \$2,607,588
Amount Recognition to MAA: \$1,214,222
Role: Adams (PI)
Mechanism: NIH R01
- 6. Funding Agency:** NIH/National Cancer Institute (R01CA198915-02S1)
Dates: August 2018 – July 2022 (NCE)
Title: Automating Neighborhood Street Audits: Administrative Supplement to CA198915
Total Award Amount: \$148,000
Amount Recognition to MAA: \$133,922
Role: Adams (PI)
Mechanism: NIH administrative supplement #2 to R01CA198915
- 7. Funding Agency:** NIH/NHLBI [R01-HL111784]
Dates: April 2013 – March 2018
Title: CRIME-PA: Crime Measure Evaluations for Physical Activity
Total Award Amount to ASU Subcontract: \$88,729
Amount Recognition to MAA: \$88,729
Role: Adams (PI on Subcontract)
Mechanism: NIH R01 (subaward to ASU)
- 8. Funding Agency:** NIH/NHLBI [R01-HL111784]
Title: Smart Walk: A Smartphone Physical Activity Program for African American Women
Dates: April 2013 – March 2018
Total Award Amount: \$726,665
Amount Recognition to MAA: \$72,667
Role: Adams (Co-I), Joseph (PI)
Mechanism: NIH K99/R00

9. **Funding Agency:** NIH/National Cancer Institute (R01 CA198915-02S1)
Dates: August 2016 - July 2017
Title: Calibration of the ActiGraph GT9X: Administrative Supplement to CA198915 2016
Total Award Amount: \$31,147
Amount Recognition to MAA: \$31,147
Role: Adams (PI)
Mechanism: NIH administrative supplement #1 to R01CA198915

10. **Funding Agency:** NIH/NHLBI [R01 HL111378]
Dates: August 2012 – July 2016
Title: IPEN Adolescent: International Study of Built Environments and Physical Activity
Total Award Amount to ASU Subcontract: \$133,365
Amount Recognition to MAA: \$133,365
Role: Adams (PI of Subcontract)
Mechanism: NIH R01 (subaward to ASU)

11. **Funding Agency:** NIH/NHLBI [R01-HL109222]
Dates: June 2012— May 2015
Title: 6-Year Study of Seniors' Neighborhood Environments, Physical Activity & Function
Total Award Amount to ASU Subcontract: \$30,000
Amount Recognition to MAA: \$30,000
Role: Adams (PI of Subcontract)
Mechanism: NIH R01 (subaward to ASU)

12. **Funding Agency:** NIH/NHLBI [R01 HL111378]
Dates: September 2012 – August 2013
Title: IPEN Adult: International Study of Built Environments and Physical Activity
Total Award Amount to ASU Subcontract: \$17,109
Amount Recognition to MAA: \$17,109
Role: Adams (PI of Subcontract)
Mechanism: NIH R01 (subaward to ASU)

13. **Funding Agency:** American Heart Association [12BGIA9280017]
Dates: January 2012 – December 2014
Title: Examining combined effects of walkability and recreation environments for physical activity across the life span
Total Award Amount: \$105,000
Amount Recognition to MAA: \$105,000
Role: Adams (PI)
Mechanism: American Health Association Beginning Grant-in-Aid

Completed Intramurally-Funded Grants

14. **Funding Agency:** Virginia G. Piper Trust
Dates: 2017-2019
Total Award Amount: \$75,636
Amount Recognition to MAA: \$75,636
Role: Adams (PI)
Title: Competitive Support for Postdoctoral Fellow
Mechanism: College of Health Solutions Postdoctoral Grant

15. **Funding Agency:** Virginia G. Piper Trust
Dates: March 2013 – June 2015

Total Award Amount: \$75,636
Amount Recognition to MAA: \$17,064
Role: Adams and Bruening (MPIs)
Title: Evaluation of School Salad Bars and Fruit and Vegetable Consumption in Arizona.
Mechanism: College of Health Solutions Seed Grant (*No faculty funding for effort)

- 16. Funding Agency:** Barrett Honors College (ASU)
Dates: November 2018 – May 2019
Role: Adams (PI)
Title: Faculty funding for one Barrett undergraduate student. This grant provided stipend funding for three Barrett undergraduate students (Joseline Valenzuela Quintero) for the WalkIT study.
- 17. Funding Agency:** Barrett Honors College (ASU)
Dates: January 2018 – August 2018
Role: Adams (PI)
Title: Faculty funding for one Barrett undergraduate student. This grant provided stipend funding for three Barrett undergraduate students (Emily Keidell) for the School Lunch study.
- 18. Funding Agency:** Barrett Honors College (ASU)
Dates: September 2014 – May 2015
Role: Adams (PI)
Title: Faculty funding for three Barrett undergraduate students. This grant provided stipend funding for three Barrett undergraduate students (Lamb, Hines, Bhuiyan) for the WalkIT study.

Completed Intramurally Funded Grants

- 19. Funding Agency:** Kay Family Foundation Data Analytic grant
Dates: Sept 2020 - Aug 2022
Title: Identifying the Formation and Functionality of Healthy Behavioral Habits Using Longitudinal mHealth Data
Role: Adams (Co-I), Berardi (PI)
Mechanism: Chapman University Seed Grant (*No faculty funding for effort)
- 20. Funding Agency:** Institute for Social Science Research (ASU Seed Grant)
Dates: April 2018 – December 2018
Title: Image labeling for automating streetscape audits
Total Award Amount: \$8,000
Role: Adams (Co-I), Phillips (PI)
Mechanism: ASU ISSR Seed Grant (*no faculty effort allowed)
- 21. Funding Agency:** Virginia G. Piper Trust
Dates: March 2013 – June 2015
Title: Development of a mHealth Physical Activity Real-Time Adaptive Intervention.
Role: Adams (Co-I), Hekler (PI)
- 22. Funding Agency:** NSF – SBIR
Dates: December 2014 – November 2016
Title: Wireless sensors for obesity and associated chronic diseases
Role: Adams (Consulting Co-I), Tsow (PI)

Grants Submitted but Not Funded

As Associate Professor at ASU

1. **Funding Agency:** Centers for Disease Control and Prevention
Role: Adams (Co-I)
Title: A natural experiment testing the implementation, impact, and cost-benefit of integrating engineering technical assistance into Safe Routes to School programs in Phoenix, Arizona'
Mechanism: Cooperative Agreement to School programs in Phoenix, Arizona'
Date submitted: February, 2023
Score: Not funded.
2. **Funding Agency:** U.S. Department of Energy
Role: Adams (PI-subcontract); Urban Design 4 Health
Title: N-PHAM v2: An Automated and Scalable Spatial Tool That Predicts Travel and GHG Impacts of the Built, Natural, and Social Environment
Mechanism: SBIR (new submission)
Date submitted: November 2022 / Resubmission funded (see funded grants)
3. **Funding Agency:** Sustainable Development Goal Impact Fund, Inc
Role: Adams (MPI); Wade (MPI), Riely (MPI)
Title: MySDG Index: A SDG#3 City KPI template
Date submitted: December 2022
Score: Not funded
4. **Funding Agency:** NIH
Role: Adams (co-I); Gaesser (PI-subcontract); Barron Associates (PI)
Title: WeighTrak: A New Approach for Tracking Energy Imbalance
Mechanism: R21 (new)
Date submitted: October 2022
Score: Not Discussed
5. **Funding Agency:** NIH
Role: Adams (PI-subcontract); Urban Design 4 Health
Title: PED-PHAM: An Automated and Scalable Spatial Tool That Predicts and Monetizes Health.
Mechanism: SBIR (new submission); Resubmitted and funded.
Date submitted: August 2022
Score: 41st Percentile; Resubmitted and funded.
6. **Funding Agency:** NIH/NINR
Role: Adams (co-I); Joseph (PI)
Title: Smart Walk: A Culturally Tailored Smartphone-delivered Physical Activity Intervention for Reduction of Cardiometabolic Disease Risk among African American Women
Mechanism: R01
Date submitted: June 2021 (resubmission)
Score: 16th percentile, not funded.
7. **Funding Agency:** Mobilize Arizona: Blue Cross Blue Shield of Arizona
Role: Adams (PI)
Title: Moderating Effects of Neighborhood Social Vulnerability on Physical Activity Interventions for Adults with Prediabetes.
Mechanism: Foundation grant
Date submitted: August 2021
Score: Not selected for funding.

- 8. Funding Agency:** NIH/NIDDK
Role: Adams (PI)
Title: WalkIT PreDiab: Testing an Adaptive Intervention to Increase Physical Activity among PreDiabetics
Mechanism: R01
Date submitted: June 2021
Score: 1st submission: not discussed
- 9. Funding Agency:** NIH
Role: Adams (Co-I); Bruening & Ellison (MPI)
Title: Food access measurement and evaluation (FAME): Testing and validation of a new measure of food insecurity for college students
Date Submitted: July 2021
Mechanism: R01
Score: 2nd submission (33rd percentile)
- 10. Funding Agency:** NIH
Role: Adams (co-I, Gaesser-PI of subaward)
Title: WeighTrak: A New Approach for Tracking energy Imbalance
Mechanism: SBIR
Date submitted: April 2021
Score: 1st submission: not funded
- 11. Funding Agency:** NIH/NCI
Role: Adams (PI)
Title: WalkIT Adolescent: Neighborhood walkability and moderating of adaptive walking interventions
Mechanism: R01
Date submitted: Feb 2021
Score: 1st submission: not discussed
- 12. Funding Agency:** NIH/NICHHD
Role: Adams (co-mentor); Xing (PI)
Title: Parent-Child Relationships and Health in the Transition to Adulthood
Mechanism: K01
Date submitted: Oct 2020
Score: 1st submission: not funded.
- 13. Funding Agency:** NIH/NIDDK
Role: Adams (PI)
Title: WalkIT Prediabetes: A SMART Trial testing adaptive versus static goal setting for physical activity adoption and maintenance
Mechanism: R01
Date submitted: Oct 2020
Score: 1st submission: not discussed
- 14. Funding Agency:** NIH/NINR
Role: Adams (co-I); Joseph (PI)
Title: Smart Walk: A Culturally Tailored Smartphone-delivered Physical Activity Intervention for Reduction of Cardiometabolic Disease Risk among African American Women
Mechanism: R01
Date submitted: Oct 2020

Score: 1st submission: not discussed

- 15. Funding Agency:** William T. Grant Foundation
Role: Adams (Co-I); Mendoza (PI)
Title: LGBTQ Youth in Arizona: An Intersectional Approach to Community Prevention of Substance Use Disorders
Date Submitted: September 2020
Score: 1st submission: Not funded
- 16. Funding Agency:** NIH
Role: Adams (Co-I); Bruening & Ellison (MPI)
Title: Food access measurement and evaluation (FAME): Testing and validation of a new measure of food insecurity for college students
Date Submitted: June 2020
Mechanism: R01
Score: 1st submission: 33rd percentile;
- 17. Funding Agency:** NIH
Role: Adams (Co-I); Ohri-Vachaspati (PI)
Title: The Impact of the Fresh Fruit and Vegetable Program on Participating Children and on Their Families
Date submitted: Feb 2020
Mechanism: R01
Score: 2nd submission: not discussed.
- 18. Funding Agency:** NIH
Role: Adams (primary mentor); DeWeese (PI)
Title: Follow-up audits of small retail SNAP stores after implementation of updated SNAP requirements
Date submitted: Feb 2020 & Feb 2019
Mechanism: K01
Score: 2nd submission: not funded; 1st submission: 40th percentile;
- 19. Funding Agency:** Arizona Department of Education, Health and Nutrition Services Division
Role: Adams (Co-PI); Bruening (Co-PI)
Title: Evaluation of Arizona's Fresh Fruit and Vegetable Program on Children's Fruit and Vegetable Consumption.
Date submitted: July 2019
Score: Not funded.
- 20. Funding Agency:** Chapman University Seed Grant
Role: Adams (Co-I); Berardi (PI)
Title: Identifying the Presence and Functionality of Physical Activity Habits in Longitudinal Accelerometer Data.
Date submitted: June 2019
Score: 1st submission: not funded
- 21. Funding Agency:** NIH
Role: Adams (Co-I); Nelson (PI)
Title: Correcting Bias in Crowdsourced Physical Activity Data
Date submitted: Oct 2018
Mechanism: R01
Score: 1st submission: not discussed
- 22. Funding Agency:** NIH
Role: Adams (Co-I); Rivera (subcontract PI)

Title: Optimizing Individualized and Adaptive mHealth Interventions via Control Systems

Dates submitted: 2nd submission: July 2018; 1st submission: Oct 2017

Mechanism: R01

Score: 2nd submission: not discussed; First submission: 37th percentile

As Assistant Professor at ASU

23. Funding Agency: NIH/NHLBI

Role: Adams (PI on Subcontract); Sallis (PI)

Title: IPEN Senior: International Study of Built Environments and Physical Activity

Submitted: January 2017

Mechanism: R01

Score: 2nd submission: Not discussed; First submission: 45th percentile

24. Funding Agency: NIH/F32

Role: Adams (Co-mentor to Erica Soltero on Postdoc Fellowship)

Title: Physical activity, physical inactivity, and liver fat among obese Latino youth

Date Submitted: December 2016

Mechanism: F32

Score: 1st submission: 50 Impact score. Not funded.

25. Funding Agency: NIH/R01

Role: Adams (Co-I), Hekler (PI)

Title: Control Systems Adaptive Intervention for Reducing Breast Cancer Risk

Date Submitted: October 2016

Mechanism: R01

Score: 1st submission: Not discussed

26. Funding Agency: NSF

Role: Adams (Co-I), Hekler (PI)

Title: Personalized and Perpetually Adapting mHealth Physical Activity Intervention

Date Submitted: 2nd submission: October 2016; 1st Submission: April 2016;

Mechanism: R01

Score: 2nd submission: Not funded. 1st submission: Not discussed.

27. Funding Agency: NIH/R01

Role: Adams & Bruening (Multiple-PIs)

Title: Salad Bars and Students' Fruit and Vegetable Consumption: A Group-Randomized Trial with Objective Assessments

Date Submitted: February 2016

Mechanism: R01

Score: 1st Submission: 13th Percentile; Resubmitted in 2016 and scored 2nd %ile (see funded grants).

28. Funding Agency: NIH

Role: Adams (consulting Co-I), Caesar (PI)

Title: SMART-SCALE: Sequential Multiple Assignment Randomized Trial of Small Changes and Lasting Effects.

Date Submitted: February 2016

Mechanism: R01

Score: Not funded

29. Funding Agency: NIH/R01

Role: Adams (PI on sub-award), Sallis (PI)

Title: IPEN GPS: International Study of Built Environment and Active Travel in Youth

Date Submitted: November 2015

Mechanism: R01

Score: 1st submission: 16th percentile; 2nd submission: 42nd percentile. Not funded

30. Funding Agency: NIH/R01

Role: Adams (Co-I), Angadi (PI)

Title: HL- Interval training in heart failure with preserved ejection fraction

Date Submitted: October 2014

Mechanism: R01

Score: 2nd submission: Not discussed. Not funded

31. Funding Agency: NIH

Role: Adams (co-I), Forzani (PI)

Title: A Mobile Weight Loss Feedback Monitoring System based on Breath Biomarkers

Date Submitted: October 2014

Mechanism: R01

Score: Not discussed

32. Funding Agency: American Heart Association/Student Scholarship

Role: Adams (PI, and mentor to Hurley)

Title: Student Scholarship in Cardiovascular Disease

Date Submitted: March 2014

Score: Not funded

33. Funding Agency: NIH

Role: Adams (Co-I), Tsow (PI)

Title: Novel Metabolism and Virtual Reality game system tackling obesity and diabetes

Date Submitted: February 2014

Mechanism: R21

Score: Not discussed

34. Funding Agency: NSF

Role: Adams (Co-I), Hekler (PI)

Title: SCH:INT: Collaborative Research: Theoretically Informed Adaptive mHealth via Control Systems Engineering: Illustration with a Physical Activity Intervention

Date Submitted: December 2013

Score: Not discussed. Not funded

35. Funding Agency: NIH

Role: Adams (PI on subaward), Hovell (PI)

Date Submitted: June 2013

Title: Early childhood obesity prevention using real-time feedback

Mechanism: R01

Score: Not discussed

36. Funding Agency: NIH

Role: Adams (PI on subaward), Sallis (PI)

Title: IPEN Senior: International Study of Built Environments and Physical Activity

Date Submitted: 2nd Submission: November 2013, 1st Submission: June 2012

Mechanism: R01

Score: 1st submission: 46th percentile; 2nd submission 44th percentile. Not funded

37. Funding Agency: ASU/Obesity Solutions Challenge Seed Grant

Role: Adams (PI and mentor to Martinez)

Title: Ethereal Park Fitness (EP Fit)

Date Submitted: March 2013

Score: Not funded

38. Funding Agency: NIH

Role: Adams (Co-I), Forzani (PI)

Title: Intervention-enabling tool for obesity and overweight management

Date Submitted: December 2012

Mechanism: SBIR

Score: Not discussed

39. Funding Agency: NIH

Role: Adams (PI on subaward), Sallis (PI)

Title: Built Environments, Physical Activity and Obesity: 10-Year Follow-up

Date Submitted: October 2012

Mechanism: R01

Score: 1st submission: 26th percentile; 2nd submission: 13th percentile. Not funded.

40. Funding Agency: NIH/R01

Role: Adams (PI)

Title: An Adaptive Physical Activity Intervention for Type 2 Diabetics

Date Submitted: June 2012 (Submitted through ASU prior to official arrival at ASU. Previous institution refused to submit once I informed them of my new position)

Mechanism: R01

Score: 1st Submission: 52nd percentile. Not funded

PUBLICATIONS

My **h-index** is **52** and my publications have been **cited 9515 times** according to Google Scholar (January 2024).

The fields of public health, physical activity and nutrition are multi-disciplinary. Single authored papers are unusual. Authors are listed on publications in order of decreasing contribution, with the following considerations:

- The first author is the lead author on the paper. The first author wrote the majority of the paper and is responsible for the contents of the manuscript.
- When students are listed as first authors, the senior author or principal investigator is listed as second or last author.
- The senior author, or principal investigator, who secured funding and may be listed as the last author. An exception to this rule is when the PI wrote the manuscript (with or without co-author input).

Annotations for individual citations

- **CA** indicates I am the corresponding author
- **Journal SCS** refers to Scopus Cite Score in 2020 (latest available) for the journal. Cite Score counts the citations received in 2017-2020 to articles, reviews, conference papers, book chapters and data papers published in 2017-2020, and divides this by the number of publications published in 2017-2020. This metric is similar to journal impact factor.
 - For reference, the journal's percentile (% ile) is provided. This %ile show the journal's rank compared to all journals in its category. My publications are in journals across the following categories (selected list).
 - *Public Health, Environmental and Occupational Health*

- *General Medicine:*
- *Applied Psychology*
- *Nutrition and Dietetics*
- *Health Informatics*
- **#C** stands for number of citations for the specific paper (source: Google Scholar)
- * Provides background information on my role in the manuscript
- ‡ Indicates the candidate’s mentored students or research mentees
- Underlined names show specific individual under mentorship.
 - Names with a single plus sign (+) show specific *postdoctoral scholars* under mentorship.
 - Names with a double plus sign (++) show specific *graduate scholars* under mentorship.
 - Names with a triple plus sign (+++) show specific *undergraduate scholars* under mentorship.

| Summary of Publications | Entire career |
|--|---------------|
| Papers and book chapters published | 131 |
| Papers/book chapters published as first, senior, or corresponding author | 43 |
| Papers including mentees/students | 31 |

Almost all (95%) of my publications are in journals that exceed the median for their category. The majority of my publications (60%) are published in journals in the top 25% of their category (data from Scopus).

Peer Reviewed Publications

As Full Professor at ASU

1. Roman CG, Chen R, Natarajan L, Conway TL, Patch C, Taylor RB, Cain KL, Roesch SC, **Adams MA**, Saelens BE, King AC, Frank LD, Glanz K, and Sallis JF. Crime-related perceptions and walking for recreation inside and outside one’s home neighborhood. *Health & Place*. 2024 89: 103316. DOI: <https://doi.org/10.1016/j.healthplace.2024.103316>
2. Blanks Z, Brown DE, **Adams MA**, Angadi SS. An Improved Bayesian Permutation Entropy Estimator. *Proceedings of Machine Learning Research*. 2024;248:120-36.
3. Berardi V, Phillips CB, McEntee M+, Cantley A, Berardi V, Hurley J, Todd M, Stecher C, Hooker S. **Adams MA**. Is Delay Discounting as a Mediator or Moderator of a Physical Activity Intervention? *Annals of Behavioral Medicine*. 2024 March doi.org/10.1093/abm/kaae009
4. Zewdie G, Robinson JR, **Adams MA**, Hajat A, Hirsch JA, Saelens BE, Mooney SJ. A tale of many neighborhoods: latent profile analysis to derive a nationally representative neighborhood typology for the US. *Health & Place*. 2024 Feb 25:86:103209. doi: 10.1016/j.healthplace.2024.103209.
5. ‡ Cantley A++, Hurley JC++, Todd M, McEntee M, Ainsworth B, Ohri-Vachaspati P, Hooker S, **Adams MA**. Walkability around the worksite and self-reported and accelerometer-measured physical activity among inactive adults. *Health Place*. 2023 Dec 5:85:103143. doi: 10.1016/j.healthplace.2023.103143.
CA; SCS = 7.7 (95th %ile Health (social science)); #C = Recent publication *I am PI of this study. This paper represents a cumulative effort by Jane Hurley’s doctoral dissertation committee to publish her dissertation research. Jane tragically died in 2019, just weeks after graduating. As chair of Jane’s committee and PI of the overall project, I helped frame the research question, secured funding, and oversaw project management, data analyses, and interpretation.
6. ‡ McEntee ML, Hurley JC++, Phillips CB, Hooker SP, Todd M, Frank LD, **Adams MA**. Moderating Impact of Neighborhood Walkability on Interventions to Increase MVPA: A Randomized Controlled Trial. *Int J Behav Nutr Phys Act*. 2023 Aug 15;20(1):97. doi: 10.1186/s12966-023-01494-2.

CA; Journal SCS = 12.6 (97th %ile Nursing (Nutrition and Dietetics)); #C = Recent publication

**I am PI of this study. I conceived of the research question, secured funding, led project management, and oversaw the data analyses and interpretation.*

7. Bruening M, **Adams MA**. Perceptions of existing school fruit and vegetable marketing materials targeted to youth by school nutrition professionals and youth. *Nutrients*. 2023 Apr 23;15(9):2040. doi: 10.3390/nu15092040.

Journal SCS = 9.0 (97th %ile Nursing (Nutrition and Dietetics)); #C = Recent publication

**I am MPI of this study. I co-led efforts to operationalize the research question, secure funding, manage the project, and conduct data analyses and interpretation.*

As Associate Professor at ASU

8. Joseph RP, Todd M, Ainsworth BE, Vega-López S, **Adams MA**, Hollingshead K, Hooker SP, Gaesser GA, Keller C. *Smart Walk: A Culturally Tailored Smartphone-Delivered Physical Activity Intervention for Cardiometabolic Risk Reduction among African American Women*. *International Journal of Environmental Research and Public Health*. 2023; 20(2):1000. <https://doi.org/10.3390/ijerph20021000>

Journal SCS = 5.4 (77th %ile Public Health, Environmental and Occupational Health); C = Recent publication

**I am a co-investigator on this study, helped to secure funding and design the study, and invited to help interpret results and edit this manuscript.*

9. Joseph RP, Ainsworth BE, Vega-López S, **Adams MA**, Todd M, Gaesser GA, Keller C. *Cardiometabolic Risk Factors Among Insufficiently Active African American Women with Obesity: Baseline Findings from Smart Walk*. *J Cardiovasc Nurs*. 2022 Jul 5. doi: 10.1097/JCN.0000000000000930

Journal SCS = 3.2; 82nd %ile Nursing, Advanced and Specialized Nursing); #C = Recent publication

**I am a co-investigator on this study, helped to secure funding and design the study, and invited to help interpret results and edit this manuscript.*

10. Berry M++, **Adams MA**, Butryn ML, Kerrigan S, Forman EM. *Efficacy and mechanisms of a brief adaptive goal-setting intervention for physical activity: A randomised pilot trial*. *International Journal of Sport and Exercise Psychology*. 2022 Jun 23:1-23. DOI: 10.1080/1612197X.2022.2090988

Journal SCS = 6.5; (88th %ile Psychology - Social Psychology); #C = Recent publication

**I was invited to join this committee as a member. The MS student (Berry) led this research based on a goal setting approach that I developed and published on. I helped guide study design, intervention development, analyses, and interpretation of the results, and helped to edit this manuscript.*

11. Boeing G, Higgs C, Liu S, Sallis JF, Cerin E, Lowe M, Adlakha D, Hinckson E, Moudon AV, Salvo D, **Adams MA**, Delclòs-Alió X, Barrozo LV, Bozovic T, Callejo GV, Dygrýn J, Ferguson S, Gebel K, Ho TP, Lai PC, Martori JC, Nitvimol K, Queralt A, Roberts JD, Sambo GH, Schipperijn J, Vale D, Van de Weghe N, Arundel J. *Using open data and open-source software to measure and map spatial indicators of urban design and transport features for healthy and sustainable cities in 25 cities worldwide*. *The Lancet Global Health*. (accepted 4 February, 2022).

Journal SCS = 43.6 (99th %ile General Medicine); #C = Recent publication

**I lead the data collection efforts in Phoenix, AZ for this paper. I helped draft, review, and edit this manuscript.*

12. Cerin E, Sallis JF, Salvo D, Hinckson E, Conway TL, Owen N, van Dyck D, Lowe M, Higgs C, Moudon AV, **Adams MA**, Cain KL, Christiansen LB, Davey R, Dygrýn J, Frank LD, Reis R, Sarmiento OL, Adlakha D, Boeing G, Liu S, Giles-Corti B. (in press). *Determining thresholds for spatial urban design and transport features to create healthy and sustainable cities: findings from the IPEN Adult study*. *The Lancet Global Health*. (accepted 4 February, 2022)

Journal SCS = 43.6 (99th %ile General Medicine); #C = Recent publication

**I am a co-I of this large international study. My role was to coordinate data collection using Geographic Information Systems (GIS) across 11 international teams and led the comparability evaluation across countries. I helped draft, review, and edit this manuscript.*

13. Giles-Corti B, Moudon AV, Lowe M, Adlakha , D, Cerin E, Boeing G, Higgs C, Arundel J, Liu S, Hinckson E, Salvo D, **Adams MA**, Badland H, Florindo A, Gebel K, Hunter R, Mitas, J, Oyeyemi AL, Puig-Ribera A, Queralto A, Santos P, Schipperijn J, Stevenson M, Van Dyck D, Callejo GV, Sallis JF. Creating healthy and sustainable cities: what gets measured, gets done. *The Lancet Global Health*. (accepted 4 February, 2022).
Journal SCS = 43.6 (99th %ile General Medicine); #C = Recent publication
**I contributed to this paper as an expert in evaluating built environment for physical activity across countries. I helped review and edit this manuscript.*
14. **Adams MA**, Phillips CB, Patel A, Middel A. Training Computers to See the Built Environment Related to Physical Activity: Detection of Microscale Walkability Features Using Computer Vision. *International Journal of Environmental Research and Public Health*. 2022; 19(8):4548.
CA; Journal SCS = 5.4 (77th %ile Public Health, Environmental and Occupational Health); #C = Recent publication
**I am PI of this study, funded by the administrative supplement. I conceived of the research question, secured funding, led project management, and oversaw the data analyses and interpretation. I authored this manuscript.*
15. Hua J, Mendoza Vasconez AS, Chrisinger BE, Conway TL, Todd M, **Adams MA**, Sallis JF, Cain KL, Saelens BE, Frank LD, King AC. Associations of social cohesion and quality of life with objective and perceived built environments: A latent profile analysis among seniors. *Journal of Public Health*. 2022 Mar 7;44(1):138-147. doi: 10.1093/pubmed/fdaa217.
SCS = 3.5 (66th %ile Public Health, Environmental and Occupational Health); #C = Recent publication
**I was invited onto this paper after the authors re-used latent profiles I derived from a previous analysis to examine additional health-related outcomes. I helped to interpret results and edit this manuscript.*
16. ‡ **Adams MA**, Todd M, Hurley J++, Strecher C, Berardi V. Phillips C, ‡McEntee M+, Angadi S, Hovell MF, Hooker SA. Adaptive Goals and Reinforcement Timing to Increase Physical Activity in Adults: A Factorial Randomized Trial. *American Journal of Preventive Medicine*. 2022 Feb;62(2):e57-e68. doi: 10.1016/j.amepre.2021.09.014.
CA; SCS = 8.5 (92nd %ile Public Health, Environmental and Occupational Health); #C = 1
**I am PI of this study. I conceived of the research question, secured funding, led project management, and oversaw the data analyses and interpretation. I primarily wrote this manuscript.*
17. ‡ Lorts C++, **Adams MA**, Roberto T, Ohri-Vachaspati P. What Influences the Credibility of Printed Nutrition Education Materials? *American Journal of Health Behavior*. 2022 Jan 31;46(1):3-11. doi: 10.5993/AJHB.46.1.1
SCS = 3.7 (71st %ile Health (social science); #C = Recent publication
**I was a committee member of the doctoral student (Lorts) who lead this research. I helped guide study design, analyses, interpretation of the analyses and helped to edit this manuscript.*
18. Berardi V, Pincus D, Walker E, **Adams MA**. Burstiness and Stochasticity in the Malleability of Physical Activity. *Journal of Sport & Exercise Psychology*. 2021 Sep 9;43(5):387-398. doi:10.1123/jsep.2020-0340
SCS = 3.2 (69th %ile General Medicine); #C = Recent publication
**I am PI of this study. I secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
19. Berardi V, Bellettiere J, Nguyen B, Klepeis NE, Hughes SC, **Adams MA**, Hovell M. Assessing reinforcing versus aversive consequences in a real-time secondhand smoke intervention. *Translational Behavioral Medicine*. 2021 Aug 13;11(8):1558-1566. doi: 10.1093/tbm/ibab004.
Journal SCS = 5.8 (74th %ile Applied Psychology); #C = Recent publication
**I was a consultant to this grant and helped operationalize intervention components. I helped to interpret results and edit this manuscript.*
20. Roesch SC, Patch C, Roman C, Conway TL, Cain KL, **Adams MA**, Saelens BE, Taylor R, Natarajan L, Sallis JF. Crime and physical activity measures from the Safe and Fit Environments Study (SAFE): Psychometric properties across age groups. *Preventive Medicine Reports*. 2021 Apr 20;22:101381. doi: 10.1016/j.pmedr.2021.101381.

SCS = 3.8 (73rd %ile Public Health, Environmental and Occupational Health); #C = Recent publication

*I am the ASU site PI (subcontract) of the SAFE study, a large domestic collaboration. My role was to help draft the grant, and lead data collection efforts for the Phoenix, AZ site, and contributed to editing and interpretation of the results and paper.

21. ‡ McEntee M+, Cantley A++, Foreman E, Berardi V, Phillips CB+, Hurley JC++, Hovell MF, Hooker SP, **Adams MA**. Effects of Goal Type and Reinforcement Type on Self-Reported Domain-Specific Walking Among Inactive Adults: 2x2 Factorial Randomized Controlled Trial. *Journal of Medical Internet Research - Formative Research*. 2020 Dec 4;4(12):e19863. doi: 10.2196/19863.
SCS = 1.4 (34th %ile Medicine (miscellaneous)); #C = Recent publication
**I am PI of this study. I conceived of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
22. Ross A, Goodwyll J, **Adams MA**. The moderating effect of distance on features of the built environment and active school transport. *Int J Environ Res Public Health*. 2020 Oct 27;17(21):E7856. doi: 10.3390/ijerph17217856.
SCS = 3.39 (66th %ile Public Health, Environmental and Occupational Health); #C = 3
**I conducted the data analysis for GIS measures and helped interpret results, draft, and edit this manuscript.*
23. ‡ Berardi V, Hovell MF, Hurley JC++, Phillips CB+, Bellettiere J, Todd M, & **Adams MA**. (2020). Variable Magnitude and Frequency Financial Reinforcement is Effective at Increasing Adults' Free-Living Physical Activity. *Perspect Behav Sci*. 2020 Mar 5;43(3):515-538. doi: 10.1007/s40614-019-00241-y.
SCS = 3.7 (76th %ile Social Psychology); #C = 4
**I am PI of this study. I conceived of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
24. Sallis JF, Cerin E, Kerr J, **Adams MA**, Sugiyama T, Christiansen LB, Schipperijn J, Davey R, Salvo D, Frank LD, De Bourdeaudhuij I, Owen N. Built Environment, Physical Activity, and Obesity: Findings from the International Physical Activity and Environment Network (IPEN) Adult Study. *Annu Rev Public Health*. 2020 Apr 2;41:119-139. doi: 10.1146/annurev-publhealth-040218-043657.
SCS = 23.5 (99th %ile General Medicine); #C = 55
**I am a co-I of the IPEN Adult study, a large international collaboration. My role was to coordinate data collection using Geographic Information Systems (GIS) across international teams and I led the comparability evaluation of GIS data across countries. I helped draft and edit this manuscript and interpret results.*
25. Joseph RP, Keller C, Vega-López S, **Adams MA**, English R, Hollingshead K, Hooker SP, Todd M, Gaesser GA, Ainsworth BE. A Culturally Relevant Smartphone-Delivered Physical Activity Intervention for African American Women: Development and Initial Usability Tests of Smart Walk. *JMIR Mhealth Uhealth*. 2020 Mar 2;8(3):e15346. doi: 10.2196/15346.
SCS = 6.3 (82nd %ile Health Informatics); #C = 5
**I am a co-investigator on this study, helped to secure funding and design the study, and invited to help interpret results and edit this manuscript.*
26. ‡ van Woerden I++, Brewis A, Hruschka D, Dunton G, **Adams MA**, Bruening M. Young adults' BMI and changes in romantic relationship status during the first semester of college. *PLoS One*. 2020 Mar 26;15(3):e0230806. doi: 10.1371/journal.pone.0230806. eCollection 2020.
SCS = 5.3 (92nd %ile Multidisciplinary); #C = 3
**I was a committee member of the doctoral student (van Woerden) who lead this research. I helped guide and interpret the analyses and edit this manuscript.*
27. ‡ van Woerden I++, Schaefer DR, Hruschka D, Vega-Lopez S, **Adams MA**, Bruening M. Similarity in meal plan use among first-year roommates. *Appetite*. 2020 Jan 1;144:104482. doi: 10.1016/j.appet.2019.104482.

SCS = 7.0 (93rd %ile General Psychology); #C = 4

**I was a committee member of the doctoral student (van Woerden) who lead this research. I helped guide and interpret the analyses and edit this manuscript.*

28. Rovniak LS, **Adams MA**, Sciamanna CN, Kong L, Sullivan N, Costalas S, Bopp M, Kuzmik A. Effects of Bluetooth-Enabled Desk Ellipticals on Office Work Performance: Rationale, Design, and Protocol for a Randomized Trial with Overweight and Obese Adults. *JMIR Res Protoc.* 2020 Jan 14;9(1):e16275. doi: 10.2196/16275.

SCS = 2.3 (70th %ile General Medicine); #C = 3

**I am a co-investigator on this study, helped to secure funding and design the study, and invited to help interpret results, draft, and edit this manuscript.*

29. ‡ **Phillips CB+**, **Hurley JC++**, Angadi SS, Todd M, Berardi V, Hovell MF, **Adams MA**. Delay Discount Rate Moderates a Physical Activity Intervention Testing Immediate Rewards. *Behav Med.* 2020 Apr 11;:1-11. doi: 10.1080/08964289.2019.1570071.

SCS = 4.1 (71st %ile Applied Psychology); #C = 3

**I am PI of this study. I conceived of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*

30. Martin CA, Rivera DE, Hekler EB, Riley WT, Buman MP, Adams MA, Magann AB. Development of a Control-Oriented Model of Social Cognitive Theory for Optimized mHealth Behavioral Interventions. *IEEE Transactions on Control Systems Technology*, 2020; 28(2): 331-346. doi:10.1109/TCST.2018.2873538

SCS = 10.9 (92nd %ile Control Systems Engineering); #C = 13

**I was invited to help interpret results, draft and edit this manuscript.*

31. Mitáš J, Cerin E, Reis RS, Conway TL, Cain KL, **Adams MA**, Schofield G, Sarmiento OL, Christiansen LB, Davey R, Salvo D, Orzanco-Garralda R, Macfarlane D, Hino AAF, De Bourdeaudhuij I, Owen N, Van Dyck D, Sallis JF. Do associations of sex, age and education with transport and leisure-time physical activity differ across 17 cities in 12 countries? *Int J Behav Nutr Phys Act.* 2019 Dec 3;16(1):121. doi: 10.1186/s12966-019-0894-2.

SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 24

**I am a co-I of the IPEN Adult study, a large international collaboration. My role was to coordinate data collection using Geographic Information Systems (GIS) across international teams and I led the comparability evaluation of GIS data across countries. I helped draft and edit this manuscript and interpret results.*

32. Cochrane T, Yu Y, Davey R, Cerin E, Cain KL, Conway TL, Kerr J, Frank LD, Chapman JE, **Adams MA**, Macfarlane D, Van Dyck D, Lai PC, Sarmiento OL, Troelsen J, Salvo D, Reis R, Mitáš J, Schofield G, Owen N, Sallis JF. Associations of built environment and proximity of food outlets with weight status: Analysis from 14 cities in 10 countries. *Prev Med.* 2019 Dec;129:105874. doi: 10.1016/j.ypmed.2019.105874.

SCS = 6.5 (91st %ile Public Health, Environmental and Occupational Health); #C = 11

**I am a co-I of the IPEN Adult study, a large international collaboration. My role was to coordinate data collection using Geographic Information Systems (GIS) across international teams and I led the comparability evaluation of GIS data across countries. I helped draft and edit this manuscript and interpret results.*

33. ‡ **Lorts C++**, **Adams MA**, Tasevska N, Tulloch D, Yedidia M, Hooker SP, Ohri-Vachaspati P. Community food environment moderates association between health care provider advice to lose weight and eating behaviors. *Prev Med Rep.* 2019 Sep;15:100926. doi: 10.1016/j.pmedr.2019.100926.

SCS = 3.8 (73rd %ile Public Health, Environmental and Occupational Health); #C = 4

**I was a committee member of the doctoral student (Lorts) who lead this research. I helped guide and interpret the hypotheses, analyses and edit this manuscript.*

34. Gidlow C, Cerin E, Sugiyama T, **Adams MA**, Mitas J, Akram M, Reis RS, Davey R, Troelsen J, Schofield G, Sallis JF. Objectively measured access to recreational destinations and leisure-time physical activity: Associations and

demographic moderators in a six-country study. *Health and Place*. 2019 Sep;59:102196. doi: 10.1016/j.healthplace.2019.102196.

SCS = 5.9 (96th %ile Sociology and Political Science); #C = 7

**I am a co-I of the IPEN Adult study, a large international collaboration. My role was to coordinate data collection using Geographic Information Systems (GIS) across international teams and I led the comparability evaluation of GIS data across countries. I helped draft and edit this manuscript and interpret results.*

35. Staiano AE, **Adams MA**, Norman GJ. Motivation for Exergame Play Inventory: Construct validity and relationship to game play. *Cyberpsychology: Journal of Psychosocial Research on Cyberspace*. 2019 13;3-7. doi:10.5817/CP2019-3-7

SCS = 3.8 (75th %ile General Psychology); #C = 8

**I was a MPI of this study while at UCSD. This paper used data collected from that 2008 study but was analyzed and submitted recently. I conceived of the idea, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*

36. Patch CM, Roman CG, Conway TL, Taylor RB, Gavand KA, Saelens BE, **Adams MA**, Cain KL, Engelberg JK, Mayes L, Roesch SC, Sallis JF. Crime and Physical Activity: Development of a Conceptual Framework and Measures. *J Phys Act Health*. 2019;16(12):818-829. doi: 10.1123/jpah.2018-0405.

SCS = 3.3 (69th %ile Orthopedics and Sports Medicine); #C = 4

**I am a co-I of the NIH-funded SAFE study, a domestic collaboration across 4 cities. I contributed to grant writing, study design and data collection in all cities, but especially in Phoenix. I helped to draft and edit this manuscript and interpret results.*

37. ‡ **Adams MA**, Hurley JC++, Phillips CB+, Todd M, Angadi SS, Berardi V, Hovell MF, Hooker S. Rationale, design, and baseline characteristics of WalkIT Arizona: A factorial randomized trial testing adaptive goals and financial reinforcement to increase walking across higher and lower walkable neighborhoods. *Contemp Clin Trials*. 2019 Jun;81:87-101. doi: 10.1016/j.cct.2019.05.001.

CA; SCS = 3.3 (54th %ile Medicine: Pharmacology); #C = 9

**I am PI of this study. I conceived of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*

38. ‡ van Woerden I++, Hruschka D, Vega-López S, Schaefer DR, **Adams M**, Bruening M. Food Insecure College Students and Objective Measurements of Their Unused Meal Plans. *Nutrients*. 2019 Apr 23;11(4): 904. doi: 10.3390/nu11040904.

Journal SCS = 6.4 (54th %ile Nutrition and Dietetics); #C = 24

**I was a committee member of the doctoral student (van Woerden) who lead this research. I helped guide and interpret the analyses and edit this manuscript.*

39. ‡ Lorts C++, Tasevska N, **Adams MA**, Yedidia MJ, Tulloch D, Hooker SP, Ohri-Vachaspati P. Participation in the Supplemental Nutrition Assistance Program and Dietary Behaviors: Role of Community Food Environment. *J Acad Nutr Diet*. 2019 Jun;119(6):934-943.e2. doi: 10.1016/j.jand.2018.11.021.

SCS = 6.2 (86th %ile Food Science); #C = 6

**I was a committee member of the doctoral student (Lorts) who lead this research. I helped guide and interpret the analyses and edit this manuscript.*

40. **Adams MA**, Ohri-Vachaspati P, Richards TJ, Todd M, Bruening M. Design and rationale for evaluating salad bars and students' fruit and vegetable consumption: A cluster randomized factorial trial with objective assessments. *Contemp Clin Trials*. 2019 Feb;77:37-45. doi: 10.1016/j.cct.2018.12.007.

CA; SCS = 3.3 (54th %ile Medicine: Pharmacology); #C = 6

**I am a MPI of this study. I conceived of the research question, secured funding, led project management, and led data analyses, interpretation, and writing of this manuscript.*

41. Joseph R, Ainsworth BE, Vega-López S, **Adams MA**, Hollingshead K, Hooker SP, Todd M, Gaesser GA, Keller C. Rationale and design of Smart Walk: A randomized controlled pilot trial of a smartphone-delivered physical activity and cardiometabolic risk reduction intervention for African American women. *Contemp Clin Trials*. 2019 Feb;77:46-60. doi: 10.1016/j.cct.2018.12.011.
SCS = 3.3 (54th %ile Medicine: Pharmacology); #C = 9
**I was invited to help interpret results, draft and edit this manuscript as an intervention content expert.*
42. Bellettiere J, Nguyen B, Liles S, Berardi V, **Adams MA**, Dempsey P, Benporat Y, Kerr J, LaCroix AZ, Hovell M. Prompts to increase physical activity at points-of-choice between stairs and escalators: what about escalator climbers? *Translational Behavioral Medicine*. 2019 Jul 16;9(4):656-662. doi: 10.1093/tbm/iby080.
SCS = 4.1 (70th %ile Applied Psychology); #C = 4
**I was invited to help interpret results, draft and edit this manuscript.*
43. ‡ Hurley JC++, Bruening M, Ohri-Vachaspati P, **Adams MA**. Demographic predictors in fruit and vegetable consumption and waste among middle school students. *Am J Health Behav*. 2018;42(6):60-69. doi: 10.5993/AJHB.42.6.6
SCS = 2.3 (60th %ile Health (social science)); #C = Recent publication
**I am a MPI of this study. I helped conceive of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
44. Hekler EB, Rivera DE, Martin CA, Phatak SS, Freigoun MT, Korinek E, Klasnja P, **Adams MA**, Buman MP. Tutorial for Using Control Systems Engineering to Optimize Adaptive Mobile Health Interventions. *J Med Internet Res*. 2018 Jun 28;20(6):e214. doi: 10.2196/jmir.8622.
SCS = 6.9 (85th %ile Health Informatics); #C = 50
**I was invited to help interpret results, draft and edit this manuscript.*
45. Cerin E, Conway TL, **Adams MA**, Barnett A, Cain K, Owen N, Christiansen LB, van Dyck D, Mitáš J, Sarmiento OL, Davey RC, Reis R, Salvo D, Schofield G, Sallis JF. Objectively-assessed neighbourhood destination accessibility and physical activity in adults from 10 countries: An analysis of moderators and perceptions as mediators. *Soc Sci Med*. 2018 Aug;211:282-293. doi: 10.1016/j.socscimed.2018.06.034.
SCS = 6.1 (96th %ile Health Informatics); #C = 63
**I am a co-I of this large international study. My role was to coordinate data collection using Geographic Information Systems (GIS) across international teams and led the comparability evaluation across countries. I helped draft and edit this manuscript and interpret results.*
46. Berardi V, Carretero-González R, Bellettiere J, **Adams MA**, Hughes S, Hovell M. Markov Methodology for More Precise Assessments of Data-Intensive Behavioral Interventions. *J Biomed Inform*. 2018 Sep;85:93-105. doi: 10.1016/j.jbi.2018.07.023.
SCS = 8.1 (93th %ile Health Informatics); #C = 3
**I contributed to the design of this study and was invited to help interpret results, draft and edit this manuscript.*
47. Mitchell M, White L, Lau E, Oh P, Leahey T, **Adams MA**, Faulkner G. Evaluating the Carrot Rewards App, a Population-Level Incentive-Based Intervention Promoting Step Counts Across Two Canadian Provinces: Quasi-Experimental Study. *JMIR Mhealth Uhealth*. 2018 Sep 20;6(9):e178. doi: 10.2196/mhealth.9912.
SCS = 6.3 (82nd %ile Health Informatics); #C = 39
**I was invited to help interpret results, draft and edit this manuscript.*
48. ‡ Bruening M, **Adams MA**, Ohri-Vachaspati P, Hurley JC++. School-Level Practices and Perceptions Associated With Salad Bars in Schools. *Journal of School Health*. 2018 Jun;88(6):416-422. doi: 10.1111/josh.12624.
SCS = 3.2 (62nd %ile Public Health, Environmental and Occupational Health); #C = 1

**I am a MPI of this study. I helped conceive of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*

49. Phatak SS, Freigoun MT, Martín CA, Rivera DE, Korinek EV, **Adams MA**, Buman MP, Klasnja P, Hekler EB. Modeling Individual Differences: A Case Study of the Application of System Identification for Personalizing a Physical Activity Intervention. *J Biomed Inform.* 2018 Mar;79:82-97. doi: 10.1016/j.jbi.2018.01.010.

SCS = 8.1 (93th %ile Health Informatics); #C = 36

**I was invited to help develop the research questions and helped to draft and edit this manuscript.*

50. Whitfield GP, Carlson SA, Ussery EN, Watson KB, **Adams MA**, James P, Brownson RC, Berrigan D, Fulton JE. Environmental Supports for Physical Activity, National Health Interview Survey-2015. *Am J Prev Med.* 2018 Feb;54(2):294-298. doi: 10.1016/j.amepre.2017.09.013.

SCS = 7.7 (94th %ile Public Health, Environmental and Occupational Health); #C = 14

**I was invited by NIH to help draft and test questions for a new module to add to the National Health Interview Survey. I helped interpret results, draft and edit this manuscript.*

As Assistant Professor at ASU

51. DeWeese R, Ohri-Vachaspati P, **Adams MA**, Kurka J, Han SY, Todd M, Yedidia M. Patterns of food and physical activity environments related to children's food and activity behaviors: a latent class analysis. *Health and Place.* 2017 Nov 17;49:19-29. doi: 10.1016/j.healthplace.2017.11.002.

SCS = 5.9 (96th %ile Sociology and Political Science); #C = 22

**I helped conceive of the research question, conducted part of the GIS data collection and latent class analyses, and I helped draft and edit this manuscript.*

52. Korinek EV, Phatak SS, Martin CA, Freigoun MT, Rivera DE, **Adams MA**, Klasnja P, Buman MP, Hekler EB. Adaptive step goals and rewards: a longitudinal growth model of daily steps for a smartphone-based walking intervention. *J Behav Med.* 2017 Sep 16. doi: 10.1007/s10865-017-9878-3.

SCS= 4.9 (83rd %ile General Psychology); #C = 69

**I was invited to help develop the research questions and helped to draft and edit this manuscript.*

53. Blumenschine ML, Bruening M. **Adams MA**. Prevalence of and Differences in Salad Bar Implementation in Rural Versus Urban Arizona Schools. *J Acad Nutr Diet.* 2017 Nov 30. pii: S2212-2672(17)31406-5. doi: 10.1016/j.jand.2017.09.004.

SCS = 6.2 (86th %ile Food Science); #C = 3

**I am co-PI of this study. I helped conceive of the research question, secured funding, led project management and interpretation, and helped edit this manuscript.*

54. Molina-García J, Queralt A, **Adams MA**, Conway TL, Sallis JF. Neighborhood built environment and socio-economic status in relation to multiple health outcomes in adolescents. *Prev Med.* 2017 Aug 31;105:88-94. doi: 10.1016/j.ypmed.2017.08.026.

SCS = 6.5 (91st %ile Public Health, Environmental and Occupational Health); #C = 72

**I helped to draft and edit this manuscript as part of the IPEN-Adolescent study team after hosting the Spanish investigators at ASU.*

55. Schipperijn J, Cerin E, **Adams MA**, Reis R, Smith G, Cain K, Christiansen LB, van Dyck D, Gidlow C, Frank LD, Mitáš J. Access to parks and physical activity: An eight country comparison. *Urban Forestry & Urban Greening.* 2017 Oct;27:253-263. doi: 10.1016/j.ufug.2017.08.010.

SCS= 6.8 (94th %ile Forestry); #C = 93

**I am a co-I of this large international study. My role was to coordinate data collection using Geographic Information Systems (GIS) across 11 international teams and led the comparability evaluation across countries. I helped draft and*

edit this manuscript.

56. ‡ Phillips C+, Engelberg JK, Geremia C, Zhu W++, Kurka JM++, Cain K, Sallis JF, Conway T, **Adams MA**. Online versus in-person comparison of Microscale Audit of Pedestrian Streetscapes (MAPS) assessments: reliability of alternate methods. *International Journal of Health Geographics* 2017; 16:27 doi: 10.1186/s12942-017-0101-0
SCS = 5.9 (89th %ile Public Health, Environmental and Occupational Health); #C = 32
**I am PI of this sub-award. I helped conceive of the research question, secured funding, led project management and interpretation. I mentored Dr. Phillips (postdoc) in writing this manuscript.*
57. ‡ Zhu W++, Sun Y, Kurka J++, Engelberg JK, Sallis JF, Geremia C, Cain K, Hooker S, Conway TL, **Adams MA**. Reliability between online raters with varying familiarities of a region: Microscale Audit of Pedestrian Streetscapes (MAPS). *Landscape and Urban Planning*. 2017 167; 240–248. doi: 10.1016/j.landurbplan.2017.06.014
CA; SCS = 11.6 (99th %ile Urban Studies); #C = 19
**I am PI of this sub-award. I helped conceive of the research question, secured funding, led project management and interpretation. I mentored Zhu (PhD student) in writing this manuscript.*
58. Cain KL, Gavand KA, Conway TL, Geremia CM, Millstein RA, Frank LD, Saelens BE, **Adams MA**, Glanz K, King AC, Sallis JF. Developing and Validating an Abbreviated Version of the Microscale Audit for Pedestrian Streetscapes (MAPS-Abbreviated). *J Transp Health*. June 2017; 5: 84-96. doi: 10.1016/j.jth.2017.05.004
SCS = 5.1 (85th %ile Public Health, Environmental and Occupational Health); #C = 42
**I am a co-I of this study. I helped draft and edit this manuscript.*
59. ‡**Adams MA**, Hurley JC++, Todd M, Bhuiyan N+++, Jarrett CL, Tucker WJ, Hollingshead KE, Angadi SS. Adaptive goal setting and financial incentives: a 2 × 2 factorial randomized controlled trial to increase adults' physical activity. *BMC Public Health*. 2017 Mar 29;17(1):286. doi: 10.1186/s12889-017-4197-8.
CA; SCS = 4.1 (77th %ile Public Health, Environmental and Occupational Health); #C = 84
** I am PI of this study. I conceived of the research question, secured funding for this project, led the overall study, contributed to data analyses, and led interpretation and writing.*
60. Cerin E, Mitáś J, Cain KL, Conway TL, **Adams MA**, Schofield G, Sarmiento OL, Reis RS, Schipperijn J, Davey R, et al. Do associations between objectively-assessed physical activity and neighbourhood environment attributes vary by time of the day and day of the week? IPEN adult study. *Int J Behav Nutr Phys Act*. 2017 Mar 20;14(1):34. doi: 10.1186/s12966-017-0493-z.
SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 46
**I am a co-I of this large international study. My role was to coordinate data collection using Geographic Information Systems (GIS) across 11 international teams and led the comparability evaluation across countries. I helped draft and edit this manuscript.*
61. Frank LD, Fox EH, Ulmer JM, Chapman JE, Kershaw SE, Sallis JF, Conway TL, Cerin E, Cain KL, **Adams MA**, Smith GR, Hinckson E, Mavoa S, Christiansen LB, Hino AA, Lopes AA, Schipperijn J. International comparison of observation-specific spatial buffers: maximizing the ability to estimate physical activity. *Int J Health Geogr*. 2017 Jan 23;16(1):4. doi: 10.1186/s12942-017-0077-9.
SCS = 5.9 (89th %ile Public Health, Environmental and Occupational Health); #C = 54
**I am a co-I of this international study. My role was to help develop measures, coordinate data collection using Geographic Information Systems (GIS) across 11 international teams, and led the GIS comparability evaluation across countries. I helped draft and edit this manuscript.*
62. ‡ Bruening M, **Adams MA**, Ohri-Vachaspati P, Hurley JC++. Prevalence and implementation practices of school salad bars across grade levels. *American Journal of Health Promotion*. 2017 Jan 1, 1-8. doi: 10.1177/0890117116689159
SCS = 3.8 (72nd %ile Public Health, Environmental and Occupational Health); #C = 5

**I am a co-PI of this study. I helped conceive of the research question, secured funding, co-led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*

63. Huberty JL, Buman MP, Leiferman JA, Bushar J, Hekler EB, **Adams MA**. Dose and timing of text messages for increasing physical activity among pregnant women: a randomized controlled trial. *Transl Behav Med*. 2017 Jun;7(2):212-223. doi: 10.1007/s13142-016-0445-1.
SCS = 4.1 (70th %ile Applied Psychology); #C = 28
**My contribution was to help develop the intervention and analysis plan and edit the manuscript.*
64. ‡ Todd M, **Adams MA**, Kurka J++, Conway TL, Cain KL, Buman MP, Frank LD, Sallis JF, King AC. GIS-measured walkability, transit, and recreation environments in relation to older Adults' physical activity: A latent profile analysis. *Prev Med*. 2016 Dec; 93:57-63. doi: 10.1016/j.ypmed.2016.09.019.
SCS = 6.5 (85th %ile Public Health, Environmental and Occupational Health); #C = 51
**I am a PI of this study. I helped conceive of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
65. Sallis JF, Cerin E, Conway TL, **Adams MA**, Frank LD, Pratt M, Salvo D, Schipperijn J, Smith G, Cain KL, Davey R, Kerr J, Lai PC, Mitáš J, Reis R, Sarmiento OL, Schofield G, Troelsen J, Van Dyck D, De Bourdeaudhuij I, Owen N. Physical activity in relation to urban environments in 14 cities worldwide: a cross-sectional study. *The Lancet*. 2016 May 28;387(10034):2207-17. doi: 10.1016/S0140-6736(15)01284-2. Erratum in: *Lancet*. 2016 May 28;387(10034):2198.
SCS = 91.5 (99th %ile General Medicine); #C = 933
**I am a co-I of this international study. My role was to help develop measures, coordinate data collection using Geographic Information Systems (GIS) across 11 international teams, and led the GIS comparability evaluation across countries. I helped draft and edit this manuscript.*
66. ‡ Stylianou M++, van der Mars H, Kulinna PH, **Adams MA**, Mahar M, Amazeen E. Before-School Running/Walking Club and Student Physical Activity Levels: An Efficacy Study. *Res Q Exerc Sport*. 2016 Dec;87(4):342-353.
SCS = 3.0 (70th %ile Physical Therapy, Sports Therapy and Rehabilitation); #C = 34
** I provided input into the design, analyses, and interpretation of results. I helped edit the manuscript. I was a committee member on this PhD dissertation (Stylianou).*
67. ‡ **Adams MA**, Bruening M, Ohri-Vachaspati P, Hurley JC++. Authors' Response to Location of School Lunch Salad Bars in Cafeterias: Design and Analysis Issues. *J Acad Nutr Diet*. 2016 Jul;116(7):1077-8. doi: 10.1016/j.jand.2016.04.021.
CA; SCS = 6.2 (86th %ile Food Science); #C = 0
**I am a co-PI of this study. I helped conceive of the research question, secured funding, led project management, and led data analyses, and interpretation. I led writing of this manuscript.*
68. ‡ Kurka, JM++, **Adams MA.**, Geremia C, Zhu W, Cain KL, Conway TL, Sallis JF. Comparison of Field and Online Observations for Measuring Land Uses using the Microscale Audit of Pedestrian Streetscapes (MAPS). *J Transp Health*. 2016 Sept;3(3):278–286.
SCS = 5.1 (85th %ile Public Health, Environmental and Occupational Health); #C = 24
**I am PI of this sub-award. I helped conceive of the research question, secured funding, led project management, and led data analyses, and interpretation. I mentored Kurka (PhD student) in writing this manuscript.*
69. ‡ Stylianou M++, Kulinna PH, van der Mars H, Mahar MT, **Adams MA**, Amazeen E. Before-school running/walking club: Effects on student on-task behavior. *Prev Med Rep*. 2016 Feb 1;3:196-202. doi: 10.1016/j.pmedr.2016.01.010.
SCS = 3.8 (73rd %ile Public Health, Environmental and Occupational Health); #C = 47
**I provided input into the design, analyses, and interpretation of results. I helped edit the manuscript. I was a committee member on this PhD dissertation (Stylianou).*

70. Christiansen LB, Cerin E, Badland H, Kerr J, Davey R, Troelsen J, van Dyck D, Mitáš J, Schofield G, Sugiyama T, Salvo D, Sarmiento OL, Reis R, **Adams M**, Frank L, Sallis JF. International comparisons of the associations between objective measures of the built environment and transport-related walking and cycling: IPEN Adult Study. *J Transp Health*. 2016 Dec;3(4):467-478. doi: 10.1016/j.jth.2016.02.010.
SCS = 5.1 (85th %ile Public Health, Environmental and Occupational Health); #C = 179
**I am a co-I of this international study. My role was to help develop measures, coordinate data collection using Geographic Information Systems (GIS) across 11 international teams, and lead the GIS comparability evaluation across countries. I helped draft this manuscript.*
71. Carlson JA, Remigio-Baker RA, Anderson CA, **Adams MA**, Norman GJ, Kerr J, Criqui MH, Allison M. Walking mediates associations between neighborhood activity supportiveness and BMI in the Women's Health Initiative San Diego cohort. *Health and Place*. 2016 Mar;38:48-53. doi: 10.1016/j.healthplace.2016.01.001.
SCS = 5.9 (96th %ile Sociology and Political Science); #C = 15
**I contributed to the grant writing that secured AHA funding for this project. I conducted the GIS analyses and contributed to writing the manuscript.*
72. Riley WT, Martin CA, Rivera DE, Hekler EB, **Adams MA**, Buman MP, Pavel M, King AC. Development of a dynamic computational model of social cognitive theory. *Transl Behav Med*. 2016 Dec;6(4):483-495.
SCS = 4.1 (70th %ile Applied Psychology); #C = 60
**My contribution was to help operationalize the theoretical mechanisms, develop the analysis plan, and write the manuscript.*
73. Huberty JL, Buman MP, Leiferman JA, Bushar J, **Adams MA**. Trajectories of objectively-measured physical activity and sedentary time over the course of pregnancy in women self-identified as inactive. *Prev Med Rep*. 2016 Apr 22;3:353-60. doi: 10.1016/j.pmedr.2016.04.004.
SCS = 3.8 (73rd %ile Public Health, Environmental and Occupational Health); #C = 18
**My contribution was to help develop the intervention and analysis plan and edit the manuscript.*
74. 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*. 2016 May;17(3):265-76. doi: 10.1017/S1463423615000390.
SCS = 1.9 (41st %ile Public Health, Environmental and Occupational Health); #C = 9
**My contribution was to help develop the analysis plan and edit the manuscript.*
75. ‡ **Adams MA**, Bruening M, Ohri-Vachaspati P, Hurley JC++. Location of School Lunch Salad Bars and Fruit and Vegetable Consumption in Middle Schools: A Cross-Sectional Plate Waste Study. *J Acad Nutr Diet*. 2016 Mar;116(3):407-16. doi: 10.1016/j.jand.2015.10.011.
CA; SCS = 6.2 (86th %ile Food Science); #C = 24
**As Co-PI of this project, I secured funding, developed the design, coordinate data collection, and led the writing of this manuscript.*
76. Huberty J, Rowedder L, Hekler E, **Adams M**, Hanigan E, McClain D, Balluff M, Buman M, Bushar J. Development and design of an intervention to improve physical activity in pregnant women using Text4baby. *Transl Behav Med*. 2016 Jun;6(2):285-94. doi: 10.1007/s13142-015-0339-7.
SCS = 4.1 (70th %ile Applied Psychology); #C = 7
**My contribution was to help develop the intervention and analysis plan and edit the manuscript.*
77. Ohri-Vachaspati P, Turner L, **Adams MA**, Bruening M, Chaloupka FJ. School Resources and Engagement in Technical Assistance Programs Is Associated with Higher Prevalence of Salad Bars in Elementary School Lunches in the United States. *J Acad Nutr Diet*. 2016 Mar;116(3):417-26. doi: 10.1016/j.jand.2015.10.023.
SCS = 6.2 (86th %ile Food Science); #C = 9

**My contribution was to help develop the analysis plan and edit the manuscript.*

78. ‡ **Adams MA**, Todd M, Kurka J++, Conway TL, Cain KL, Frank LD, Sallis JF. Patterns of Walkability, Transit, and Recreation Environment for Physical Activity. *Am J Prev Med*. 2015 Dec;49(6):878-87. doi: 10.1016/j.amepre.2015.05.024.
CA; SCS = 7.7 (94th %ile Public Health, Environmental and Occupational Health); #C = 24
**I am a PI of this study. I helped conceive of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
79. ‡ Hurley JC++, Hollingshead KE, Todd M, Jarrett CL, Tucker WJ, Angadi SS, **Adams MA**. The Walking Interventions Through Texting (WalkIT) Trial: Rationale, Design, and Protocol for a Factorial Randomized Controlled Trial of Adaptive Interventions for Overweight and Obese, Inactive Adults. *JMIR Res Protoc*. 2015 Sep 11;4(3):e108. doi: 10.2196/resprot.4856.
CA; SCS = 2.3 (70th %ile General Medicine); #C = 7
**As PI of this project, I secured funding, conceived of the paper topic, mentored Hurley (PhD student) on early drafts, data collection, writing and editing of the paper.*
80. **Adams MA**, Bruening M, Ohri-Vachaspati P. Use of Salad Bars in Schools to Increase Fruit and Vegetable Consumption: Where's the Evidence? *J Acad Nutr Diet*. 2015 Aug;115(8):1233-6. doi: 10.1016/j.jand.2015.02.010.
CA; SCS = 6.2 (86th %ile Food Science); #C = 19
**I am a co-PI of this study. I helped conceive of the research question, secured funding, led project management, and contributed to data analyses, interpretation, and writing of this manuscript.*
81. ‡ Kurka JM++, **Adams MA**, Todd M, Colburn T, Sallis JF, Cain KL, Glanz K, Frank LD, Saelens BE. Patterns of neighborhood environment attributes in relation to children's physical activity. *Health and Place*. 2015 Jul;34:164-70. doi: 10.1016/j.healthplace.2015.05.006.
CA; SCS = 5.9 (96th %ile Sociology and Political Science); #C = 36
**As PI of this project, I secured funding, mentored Kurka (PhD student) with the topic idea, statistical analysis and writing of the paper.*
82. Joseph RP, Keller C, **Adams MA**, 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 Women's Health*. 2015 Mar 27;15:30. doi: 10.1186/s12905-015-0186-1.
SCS = 1.636 (62nd %ile Obstetrics and Gynecology); #C = 65
**My contribution was to provide input into the design of the intervention components and statistical analyses. I helped draft sections and edit the manuscript.*
83. ‡ Der Ananian CA, Churan C++, **Adams MA**. Correlates of Physical Activity among Blacks and Whites with Arthritis. *Am J Health Behav*. 2015 Jul;39(4):562-72. doi: 10.5993/AJHB.39.4.13.
SCS = 2.3 (60th %ile Health (social science)); #C = 5
**My contribution was to provide input into the statistical analysis and edit the manuscript. I was also a member of Churan's thesis committee that provided the foundation for this manuscript.*
84. **Adams MA**, Frank LD, Schipperijn J, Smith G, Chapman J, Christiansen LB, Coffee N, Salvo D, du Toit L, Dygrýn J, Hino AA, Lai PC, Mavoá S, Pinzón JD, Van de Weghe N, Cerin E, Davey R, Macfarlane D, Owen N, Sallis JF. International variation in neighborhood walkability, transit, and recreation environments using geographic information systems: the IPEN adult study. *Int J Health Geogr*. 2014 Oct 25;13:43. doi: 10.1186/1476-072X-13-43.
CA; SCS = 5.9 (89th %ile Public Health, Environmental and Occupational Health); #C = 85
**I am a co-I of this large international study and took lead on writing this manuscript. My role was to help develop measures, coordinate data collection using Geographic Information Systems (GIS) across 11 international teams, and lead the GIS comparability evaluation across countries.*

85. Kirwa K, Eliot MN, Wang Y, **Adams MA**, Morgan CG, Kerr J, Norman GJ, Eaton CB, Allison MA, Wellenius GA. Residential proximity to major roadways and prevalent hypertension among postmenopausal women: results from the Women's Health Initiative San Diego Cohort. *J Am Heart Assoc.* 2014 Oct 1;3(5):e000727. doi: 10.1161/JAHA.113.000727.
SCS = 7.4 (86th %ile Cardiology and Cardiovascular Medicine); #C = 20
**I contributed to the grant writing that secured AHA funding for this project. I conducted the GIS analyses and contributed to writing the manuscript.*
86. Martín CA, Rivera DE, Riley WT, Hekler EB, Buman MP, **Adams MA**, King AC. A Dynamical Systems Model of Social Cognitive Theory. *In Proceedings of the American Control Conference.* 2014: 2407-2412.
SCS = 2.1 (44th %ile Electrical and Electronic Engineering); #C = 26
**My contribution was to operationalize the theory, help develop the analysis plan, and write and edit the manuscript.*
87. Cain KL, Millstein RA, Sallis JF, Conway TL, Gavand KA, Frank LD, Saelens BE, Geremia CM, Chapman J, **Adams MA**, Glanz K, King AC. Contribution of streetscape audits to explanation of physical activity in four age groups based on the Microscale Audit of Pedestrian Streetscapes (MAPS). *Soc Sci Med.* 2014 Sep;116:82-92. doi: 10.1016/j.socscimed.2014.06.042.
SCS = 6.1 (96th %ile Health (social science)); #C = 84
**My contribution was to provide input into the analysis plan and the manuscript development.*
88. Kerr J, Norman G, Millstein R, **Adams MA**, Morgan C, Langer RD, Allison M. Neighborhood environment and physical activity among older women: findings from the San Diego Cohort of the women's health initiative. *J Phys Act Health.* 2014 Aug;11(6):1070-7. doi: 10.1123/jpah.2012-0159.
SCS = 3.3 (69th %ile Orthopedics and Sports Medicine); #C = 30
**I contributed to the grant writing that secured AHA funding for this project. I conducted the GIS analyses and contributed to writing the manuscript.*
89. Hovell MF, **Adams MA**, Hofstetter CR, Martínez-Donate AP, González-Pérez GJ, Rovniak LS, Boman-Davis MC. Complete home smoking bans and antitobacco contingencies: a natural experiment. *Nicotine Tob Res.* 2014 Feb;16(2):186-96. doi: 10.1093/ntr/ntt130.
SCS = 6.6 (91st %ile Public Health, Environmental and Occupational Health); #C = 8
**My contribution was to provide input into the study design, data collection, analysis and the manuscript development.*
90. ‡ **Adams MA**, Sallis JF, Norman GJ, Hovell MF, Hekler EB, Perata E+++. An adaptive physical activity intervention for overweight adults: a randomized controlled trial. *PLoS One.* 2013 Dec 9;8(12):e82901. doi: 10.1371/journal.pone.0082901.
CA: SCS = 5.3 (92nd %ile Multidisciplinary); #C = 80
** As PI of this project, I conceived of the study, led data collection, analysis, and writing of the manuscript.*
91. Sallis JF, Conway TL, Dillon LI, Frank LD, **Adams MA**, Cain KL, Saelens BE. Environmental and demographic correlates of bicycling. *Prev Med.* 2013 Nov;57(5):456-60. doi: 10.1016/j.ypmed.2013.06.014.
SCS = 6.5 (85th %ile Public Health, Environmental and Occupational Health); #C = 84
**My contribution was to provide input into the data analysis plan and help write the manuscript.*
92. **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. doi: 10.1186/1479-5868-10-34.
CA; SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 68
**I conceived of the paper idea, led data collection, analysis, and writing of the manuscript.*

93. **Adams MA**, Johnson WD, Tudor-Locke C. Steps/day translation of the moderate-to-vigorous physical activity guideline for children and adolescents. *Int J Behav Nutr Phys Act*. 2013 Apr 21;10:49. doi: 10.1186/1479-5868-10-49. **CA; SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 82**
**I conceived of the research question, led analysis and interpretation, and led writing and editing of this manuscript.*
94. Norman GJ, **Adams MA**, Ramirez ER, Carlson JA, Kerr J, Godbole S, Dillon L, Marshall SJ. Effects of Behavioral Contingencies on Adolescent Active Videogame Play and Overall Activity: A Randomized Trial. *Games Health J*. 2013 Jun;2(3):158-65. doi: 10.1089/g4h.2013.0016. **SCS = 4.6 (81st %ile Public Health, Environmental and Occupational Health); #C = 8**
**As Co-I on this project, my contribution was to help secure funding, design the study, collect and analyze the data, and write and edit this manuscript.*
95. Norman GJ, Kolodziejczyk JK, **Adams MA**, Patrick K, Marshall SJ. Fruit and vegetable intake and eating behaviors mediate the effect of a randomized text-message based weight loss program. *Prev Med*. 2013 Jan;56(1):3-7. doi: 10.1016/j.ypmed.2012.10.012. **SCS = 6.5 (85th %ile Public Health, Environmental and Occupational Health); #C = 50**
**My contribution was to provide input into the data analysis plan and the manuscript development.*
96. Cain KL, Conway TL, **Adams MA**, Husak LE, Sallis JF. Comparison of older and newer generations of ActiGraph accelerometers with the normal filter and the low frequency extension. *Int J Behav Nutr Phys Act*. 2013 Apr 25;10:51. doi: 10.1186/1479-5868-10-51. **SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 74**
**My contribution was to provide input into the data analysis plan, offered my expertise regarding measurement, and helped draft and edit the manuscript.*
97. Ding D, **Adams MA**, Sallis JF, Norman GJ, Hovell MF, Chambers CD, Hofstetter CR, Bowles HR, Hagströmer M, Craig CL, Gomez LF, 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 Behav Nutr Phys Act*. 2013 May 14;10:57. doi: 10.1186/1479-5868-10-57. **SCS = 11.8 (96th %ile Nutrition and Dietetics); #C = 67**
**My contribution was to provide statistical consulting on the analysis and helped draft and edit the manuscript.*
98. Van Dyck D, Sallis JF, Cardon G, Deforche B, **Adams MA**, Geremia C, De Bourdeaudhuij I. Associations of neighborhood characteristics with active park use: an observational study in two cities in the USA and Belgium. *Int J Health Geogr*. 2013 May 7;12:26. doi: 10.1186/1476-072X-12-26. **SCS = 5.9 (89th %ile Public Health, Environmental and Occupational Health); #C = 45**
**My contribution was to provide input into the data analysis plan and review manuscript. I was also an external reviewer on two theses that provided the foundation of this manuscript.*

Before Employment at ASU

99. Kerr J, Sallis JF, Owen N, De Bourdeaudhuij I, Cerin E, Sugiyama T, Reis R, Sarmiento O, Frömel K, Mitás J, Troelsen J, Christiansen LB, Macfarlane D, Salvo D, Schofield G, Badland H, Guillen-Grima F, Aguinaga-Ontoso I, Davey R, Bauman A, Saelens B, Riddoch C, Ainsworth B, Pratt M, Schmidt T, Frank L, **Adams M**, Conway T, Cain K, Van Dyck D, Bracy N. Advancing science and policy through a coordinated international study of physical activity and built environments: IPEN adult methods. *J Phys Act Health*. 2013 May;10(4):581-601. **SCS = 3.3 (69th %ile Orthopedics and Sports Medicine); #C = 124**
**I am a co-I of this large international study. My role was to help develop measures, coordinate data collection using Geographic Information Systems (GIS) across 11 international teams, and lead the GIS comparability evaluation across countries. I helped draft this manuscript.*

100. **Adams MA**, Sallis JF, Conway TL, Frank LD, Saelens BE, Kerr J, Cain KL, King AC. Neighborhood environment profiles for physical activity among older adults. *Am J Health Behav.* 2012 Nov;36(6):757-69. doi: 10.5993/AJHB.36.6.4.
CA; SCS = 2.3 (60th %ile Health (social science)); #C = 30
**I conceived of this research question, led statistical analyses and writing of the manuscript.*
101. **Adams MA**, Sallis JF, Kerr J, Conway TL, Saelens BE, Frank LD, Norman GJ, Cain KL. Neighborhood environment profiles related to physical activity and weight status: a latent profile analysis. *Prev Med.* 2011 May;52(5):326-31. doi: 10.1016/j.ypmed.2011.02.020.
CA; SCS = 6.5 (85th %ile Public Health, Environmental and Occupational Health); #C = 78
**I conceived of this research question, led statistical analyses and writing of the manuscript.*
102. Kerr J, Norman GJ, **Adams MA**, Ryan S, Frank L, Sallis JF, Calfas KJ, Patrick K. Do neighborhood environments moderate the effect of physical activity lifestyle interventions in adults? *Health and Place.* 2010 Sep;16(5):903-8. doi: 10.1016/j.healthplace.2010.05.002.
SCS = 5.9 (96th %ile Sociology and Political Science); #C = 51
***I am a co-I of this large international study. My contribution was to help design, conduct, and collected these data. I helped write the manuscript.*
103. Norman GJ, **Adams MA**, Kerr J, Ryan S, Frank LD, Roesch SC. A latent profile analysis of neighborhood recreation environments in relation to adolescent physical activity, sedentary time, and obesity. *J Public Health Manag Pract.* 2010 Sep-Oct;16(5):411-9. doi: 10.1097/PHH.0b013e3181c60e92.
SCS = 2.6 (52th %ile Public Health, Environmental and Occupational Health); #C = 58
**My contribution was to help analyze data, interpret analyses, and write sections of this manuscript.*
104. **Adams MA**, Caparosa S, Thompson S, Norman GJ. Translating physical activity recommendations for overweight adolescents to steps per day. *Am J Prev Med.* 2009 Aug;37(2):137-40. doi: 10.1016/j.amepre.2009.03.016.
CA; SCS = 7.7 (94th %ile Public Health, Environmental and Occupational Health); #C = 61
**I conceived of this paper idea, organized the writing group, led analyses, and took the primary role in writing this manuscript.*
105. Roesch SC, Norman GJ, **Adams MA**, Kerr J, Sallis JF, Ryan S, Calfas KJ, Patrick K. Latent growth curve modeling of adolescent physical activity: testing parallel process and mediation models. *J Health Psychol.* 2009 Mar;14(2):313-25. doi: 10.1177/1359105308100216.
SCS = 5.0 (79th %ile Applied Psychology); #C = 34
**My contribution was to help with data management, interpretation of analyses, and I contributed to drafting this manuscript.*
106. **Adams MA**, Norman GJ, Hovell MF, Sallis JF, Patrick K. Reconceptualizing decisional balance in an adolescent sun protection intervention: mediating effects and theoretical interpretations. *Health Psychol.* 2009 Mar;28(2):217-25. doi: 10.1037/a0012989.
CA; SCS = 11.0 (98th %ile Clinical Psychology); #C = 50
**I conceived of this paper idea, developed the analytically and theoretical analysis strategy, and took lead on writing manuscript.*
107. **Adams MA**, Ryan S, Kerr J, Sallis JF, Patrick K, Frank LD, Norman GJ. Validation of the Neighborhood Environment Walkability Scale (NEWS) items using geographic information systems. *J Phys Act Health.* 2009;6 Suppl 1:S113-23.
CA; SCS = 3.3 (69th %ile Orthopedics and Sports Medicine); #C = 163
**I conceived of this paper idea, helped with data collection, led analyses and writing of the manuscript.*
108. **Adams MA**, Marshall SJ, Dillon L, Caparosa S, Ramirez E, Phillips J, Norman GJ. A theory-based framework for evaluating exergames as persuasive technology. *Proceedings of the 4th Annual International Persuasive Technology*

Conference; 2009. New York, NY. ACM, 2009. (Peer-reviewed) doi:10.1145/1541948.1542006

CA; SCS = N/A; #C = 70

**As a co-investigator on the grant, I conceived of and designed this study, conducted data collected and analysis, and wrote this manuscript.*

109. **Adams MA**, Mayer JA, Bowen DJ, Ji M. Season of interview and self-report of summer sun protection behaviors. *Cancer Causes Control*. 2009 Mar;20(2):153-62. doi: 10.1007/s10552-008-9229-3.

CA; SCS = 4.1 (52nd %ile Oncology); #C = 17

**I conceived of this paper idea during a practicum, conducted literature search, analyses, and took lead on writing the manuscript.*

110. Patrick K, Raab F, **Adams MA**, Dillon L, Zabinski M, Rock CL, Griswold WG, Norman GJ. A text message-based intervention for weight loss: randomized controlled trial. *J Med Internet Res*. 2009 Jan 13;11(1):e1. doi: 10.2196/jmir.1100.

SCS = 6.9 (85th %ile Health Informatics); #C = 792

**My contribution was to help design the study and intervention components, collect and analyze the data, and write the manuscript.*

111. Hovell MF, **Adams MA**, Semb G. Teaching research methods to graduate students in public health. *Public Health Rep*. 2008 Mar-Apr;123(2):248-54. doi: 10.1177/003335490812300222.

SCS = 3.0 (59th %ile Public Health, Environmental and Occupational Health); #C = 11

**My contribution was to help organize, collect, and analyze data and write the manuscript.*

112. Martínez-Donate AP, Hovell MF, Hofstetter CR, González-Pérez GJ, Kotay A, **Adams MA**. Crossing borders: the impact of the California Tobacco Control Program on both sides of the US-Mexico border. *Am J Public Health*. 2008 Feb;98(2):258-67. doi: 10.2105/AJPH.2006.097998.

SCS = 6.9 (93rd %ile Public Health, Environmental and Occupational Health); #C = 33

**My contribution was to help conduct surveys, manage staff, collect and analyze data, and write the manuscript.*

113. Norman GJ, **Adams MA**, Calfas KJ, Covin J, Sallis JF, Rossi JS, Redding CA, Cella J, Patrick K. A randomized trial of a multicomponent intervention for adolescent sun protection behaviors. *Arch Pediatr Adolesc Med (Now called JAMA Pediatrics)*. 2007 Feb;161(2):146-52.

SCS = 20.8 (99st %ile Pediatrics, Perinatology and Child Health); #C = 96

**My contribution was to help analyze data and write the manuscript.*

114. Norman GJ, Zabinski MF, **Adams MA**, Rosenberg DE, Yaroch AL, Atienza AA. A review of eHealth interventions for physical activity and dietary behavior change. *Am J Prev Med*. 2007 Oct;33(4):336-345. doi: 10.1016/j.amepre.2007.05.007.

SCS = 7.7 (94th %ile Public Health, Environmental and Occupational Health); #C = 772

**My contribution was to conduct literature review, code and summarize papers, analyze data and write the manuscript.*

115. Martinez-Donate AP, Hovell MF, Hofstetter CR, González-Pérez GJ, **Adams MA**, Kotay A. Correlates of home smoking bans among Mexican-Americans. *Am J Health Promot*. 2007 Mar-Apr;21(4):229-36. doi: 10.4278/0890-1171-21.4.229.

SCS = 3.8 (72nd %ile Public Health, Environmental and Occupational Health); #C = 30

**My contribution was to help conduct surveys, manage staff, collect and analyze data, and write the manuscript.*

116. **Adams MA**, Hovell MF, Irvin V, Sallis JF, Coleman KJ, Liles S. Promoting stair use by modeling: an experimental application of the Behavioral Ecological Model. *Am J Health Promot*. 2006 Nov-Dec;21(2):101-9.

CA; SCS = 3.8 (72nd %ile Public Health, Environmental and Occupational Health); #C = 55

**I conceived of this study idea, led data collection, analyses, and took lead on writing the manuscript. This paper was the product of my master's thesis.*

117. **Adams MA**, Pelletier RL, Zive MM, Sallis JF. Salad bars and fruit and vegetable consumption in elementary schools: a plate waste study. *J Am Diet Assoc (Now called Journal of the American Academy of Nutrition and Dietetics)*. 2005 Nov;105(11):1789-92. doi: 10.1016/j.jada.2005.08.013.

CA; SCS = 6.2 (78th %ile Nutrition and Dietetics); #C = 169

**I conceived of this study idea, led data collection, analyses, and took lead on writing the manuscript.*

118. Martínez-Donate AP, Hovell MF, Hofstetter CR, González-Pérez GJ, **Adams MA**, Sánchez Jde J, Guzmán-Cerda G. Smoking, exposure to secondhand smoke, and smoking restrictions in Tijuana, Mexico. *Rev Panam Salud Publica / Pan American Journal of Public Health*. 2005 Dec;18(6):412-7. doi: 10.1590/s1020-49892005001000004.

SCS = 2.0 (43rd %ile Public Health, Environmental and Occupational Health); #C = 13

**My contribution was to help collect and analyze data and write the manuscript.*

119. Sipan C, Blumberg E, Hovell M, Kelley N, Moser K, Ocaña M, Friedman L, Acosta J, Vera A, **Adams M**. Screening Latino adolescents for latent tuberculosis infection (LTBI). *Public Health Rep*. 2003 Sep-Oct;118(5):425-33. doi: 10.1093/phr/118.5.425.

SCS = 3.0 (59th %ile Public Health, Environmental and Occupational Health); #C = 22

**My contribution was to help collect data and write the manuscript.*

120. Hovell MF, Jones JA, **Adams MA**. The feasibility and efficacy of tobacco use prevention in orthodontics. *J Dent Educ*. 2001 Apr;65(4):348-53.

SCS = 2.3 (69th %ile Education); #C = 28

**My contribution was to conduct a literature review, draft and edit the manuscript.*

Published Book Chapters

Since Promotion to Associate Professor at ASU

1. **Adams M.A.**, Conway T.L. (2021) Eta Squared. In: Maggino F. (eds) *Encyclopedia of Quality of Life and Well-Being Research*. 2nd Edition. Springer, Cham. doi:10.1007/978-3-319-69909-7_918-2
2. **Adams M.A.**, Conway T.L. (2021) Odds Ratio. In: Maggino F. (eds) *Encyclopedia of Quality of Life and Well-Being Research*. 2nd Edition. Springer, Cham. doi:10.1007/978-3-319-69909-7_1999-2
3. Conway T.L., **Adams M.A.** (2021) Population Density. In: Maggino F. (eds) *Encyclopedia of Quality of Life and Well-Being Research*. 2nd Edition. Springer, Cham. doi:10.1007/978-3-319-69909-7_2209-2
4. Conway T.L., **Adams M.A.** (2021) Cluster Randomized Trial. In: Maggino F. (eds) *Encyclopedia of Quality of Life and Well-Being Research*. 2nd Edition. Springer, Cham. doi:10.1007/978-3-319-69909-7_415-2

Since Starting as an Assistant Professor at ASU

5. **Adams MA**, Conway T. (2014). Odds Ratio. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht, Netherlands: Springer, pp 4464-4466.
6. **Adams MA**, Conway T. (2014). Eta Squared. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht, Netherlands: Springer, pp 1965-1966.
7. Conway T, **Adams MA**. (2014). Population Density. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht, Netherlands: Springer, pp 4891-4893.
8. Conway T, **Adams MA**. (2014). Cluster Randomized Trial. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht, Netherlands: Springer, pp 970-971.

Before arriving at ASU

9. Sallis JF, **Adams MA**, Ding D. Physical activity and the built environment. In: J Cawley (Ed), *Handbook of Social Science of Obesity*. New York: Oxford University Press; 2011:433-451.
10. Patrick K, Raab F, **Adams MA**, Dillon L. mDIET: A personalized approach to weight management using text messaging. In: BJ Fogg, R Adler (Eds.), *Texting 4 Health*. Palo Alto: Stanford Captology Media; 2009: 35-47.
11. Hovell MF, Wahlgren DR, **Adams MA**. The logical and empirical basis for the Behavioral Ecological Model. In: RJ DiClemente, RA Crosby, M Kegler (Eds.), *Emerging Theories and Models in Health Promotion Research and Practice. Strategies for Enhancing Public Health* (2nd edition). San Francisco: Jossey-Bass Publishers; 2009: 415-450.

Technical Reports and White Papers

As Associate Professor at ASU

1. Global Healthy & Sustainable City-Indicators Collaboration. 2022. Phoenix, USA—Healthy and Sustainable City Indicators Report: Comparisons with 25 cities internationally (English). doi:10.25439/rmt.19614063

As an Assistant Professor at ASU

2. **Adams MA**, Chapman JC, Sallis JF. Frank LD, & the International Physical Activity and Environment Network (IPEN) Study Coordinating Center. (2015) Built Environment and Physical Activity: GIS Templates and Variable Naming Conventions for the IPEN Adolescent Study, Version 2.0. Arizona State University, USA.

Before arriving at ASU

3. **Adams MA**, Chapman JC, Sallis JF. Frank LD, & the International Physical Activity and Environment Network (IPEN) Study Coordinating Center. (2012) Built Environment and Physical Activity: GIS Templates and Variable Naming Conventions. For the IPEN Adult & Adolescent Studies. University of California, San Diego, USA.
4. Sallis JF, **Adams MA**, Ding D. Improving Active Living in Spartanburg County: Report on Progress and Recommendations for the Future. White paper presented to the Mary Black Foundation’s Board of Directors. March, 2010.

Peer-Reviewed Submissions

1. Roman CG, Chen R, Natarajan L, Conway T, Patch C, Taylor RB, Cain KL, Roesch S, **Adams MA**, Saelens BE, King A, Frank LD, Glanz K, Sallis JF. Crime-related perceptions and walking for recreation: Evaluating a conceptual model. (under review)

Manuscripts in Preparation

1. Adams MA, McEntee M+, Cantley A, Berardi V, Phillips CB, Hurley J, Todd M, Hooker S. Financial Reinforcement and Adaptive Goal Setting for Physical Activity: 24-Month Maintenance Effect. (in preparation)
2. Relationship between changes in walking and body fat and cardiometabolic health

4. INVITED PRESENTATIONS

4.a. International

Invited Speaking Engagements - As Associate Professor at ASU

- Invited Speaker***, “Built Environment and Adaptive Physical Activity Interventions in the WalkIT Arizona Study”
Invited presentation at the University of British Columbia, Vancouver, BC, Canada. September 19, 2018.

Invited Speaker, “International Physical Activity and Environment Network (IPEN) Adult Study” Invited presentation at the Vancouver General Hospital, Vancouver, BC, Canada. September 18, 2018.

Invited Speaking Engagements - As Assistant Professor at ASU

Invited Workshop, Neighborhood Selection for the International Physical Activity and Built Environment Network Study (IPEN) of Adolescents. University of Malaysia, Kuala Lumpur, Malaysia, 3/2014.

Invited Workshop. Creating Internationally-Comparable Built Environment Variables in GIS for the IPEN Adolescent Study, Universiti Sains Malaysia, Kota Baru, Malaysia, 3/2014.

Invited Speaker, Creating Internationally-Comparable Built Environment Variables in GIS for the IPEN Study. The 8th International Conference on Diet and Activity Methods, Rome, Italy, 5/2012.

4.b. National / Local

Invited Speaker, “Artificial Intelligence-measured Pedestrian Environment Features from Street View Images and Interactions with a 12-Month Intervention to Increase Physical Activity.” [CHS Health, Technology & Equity Virtual Summit](#), September, 15, 2023.

Invited Webinar Panelist, “Active Transportation: Good for Every Body and the Earth.” Society of Behavioral Medicine, November 10, 2022.

Invited Speaker, “Does Walkability Around Home and Worksite Affect Physical Activity.” Presentation at the Annual Building Healthy Lifestyles Conference. Arizona State University, Tempe, AZ. February 28-29, 2020.

Invited Speaker, “Built Environment and Adaptive Interventions: Testing for Interactions.” Presentation to the 3rd Annual Research Festival. NIH, Office for Behavior and Social Science Research. Bethesda, Maryland. November 27th 2018.

Invited Speaker, “Assessing Neighborhood Shade for a Walking Intervention: Use of Google Street View” Presentation with Dr. Ariane Middle to the Exercise Science and Skin Cancer Prevention Research Meeting. NIH, National Cancer Institute. Bethesda, Maryland. September 26th 2018.

Invited Speaking Engagements - Since Starting as Assistant Professor

Invited Speaker, Arizona Board of Regents, “Faculty Research and Scholarly Accomplishments: how to Enhance Undergraduate Student Success,” Arizona State University, Spring 2017.

Invited Panelist, NIH Office of Behavioral and Social Science Research, 7th NIH Career Symposium, Bethesda, Maryland, May 16th, 2014.

Invited Online Panelist, NIH Office of Behavioral and Social Science Research, Behavioral Science Careers in Academia Twitter Chat, Coordinated and Hosted by NIH, March 28th, 2014.

Invited Speaker, American Heart Association, Tempe, Arizona. “Walkability, Transit and Recreation Environments for Physical Activity,” Fall, 2013.

Invited Lecturer, Department of Health Sciences, California State University, Northridge. “From Mediated Interventions to Neighborhood Environments: An Ecological Approach to Health Promotion,” Spring 2012.

Invited Lecturer, School of Nutrition and Health Promotion, Arizona State University. “From Mediated Interventions to Neighborhood Environments: An Ecological Approach to Promoting Physical Activity,” Winter, 2012.

Invited Lecturer, Health and Behavior Studies Department at the Teachers College, Columbia University. “Macro-level Environments to Individualized Interventions: An Ecological Approach to Promoting Health Behavior.” Spring 2011.

4.c. Guest Lecturers

Guest Lecturers – As Associate Professor at ASU

Guest Lecturer, Postdoctoral Seminar, “Job Talks and More”, Arizona State University. Spring 2022

Guest Lecturer, TRANSCEND Training Program, “Health Behavior Theory”, Arizona State University. Fall 2018, Fall 2019, Fall 2020, Fall 2021, Fall 2022.

Guest Lecturer, Nutritional Epidemiology (NTR557), College of Health Solutions, “Measurement of Physical Activity”, Arizona State University. Spring 2020

Guest Lecturer, *Campus Transportation Planning course*, School of Geographical Science and Urban Planning, Arizona State University. Fall 2018.

Guest Lecturer, Masters of Obesity Management, Arizona State University. Fall 2018, Spring 2018, Spring 2021.

Guest Lecturer, *Sustaining Human Health (SOS394) course*, Arizona State University. Spring 2018.

Guest Lecturers – As Assistant Professor at ASU

Guest Lecturer, *Data and Built Environment course*, Master of Public Health Program, Washington University in St. Louis. Spring 2017.

Guest Lecturer, NTR/EXW 791. School of Nutrition and Health Promotion, Arizona State University. “Negotiating a Faculty Position,” Spring, 2013, Spring, 2014, Spring, 2015, Spring 2016, Spring 2017.

Guest Lecturer, EXW 542. Health Promotion, School of Nutrition and Health Promotion, Arizona State University. “Walkability, Transit, and Recreation Environments for Physical Activity,” Fall, 2014.

Guest Lecturer, OBS 598 (501). Obesity Prevention and Management: An Introduction, School of Nutrition and Health Promotion, Arizona State University. “The Built Environment and Health Behavior,” Fall, 2014, Fall 2015, Spring 2017, Fall 2018.

Guest Lecturer, PSY842: Behavioral Medicine Seminar, Assessment Issues, San Diego State University/UC San Diego, “Assessment of the Built Environment for Physical Activity,” Fall 2011.

Guest Lecturer, PH762: Behavioral Medicine, Doctoral Program in Public Health, San Diego State University/UC San Diego. “Applications of Learning Theory to Public Health,” Spring 2011.

Guest Lecturer, CP690: Seminar in Land Use Planning Principles and Techniques, Graduate Program in City Planning, San Diego State University. “Interdisciplinary Research: Public Health and Urban Planning,” Spring 2008.

4.c.1. Peer Reviewed Conference Abstracts and Presentations

International Presentations – As Associate Professor at ASU

1. ‡ **Adams MA**, Patel A++, Phillips C, Middel A. Artificial Intelligence-measured Pedestrian Environment Features from Google Street View Images and Interactions with A 12-month Intervention to Increase Physical Activity. Oral presentation at the International Congress on Diet and Activity Measures. Limerick, Ireland, June 26-29, 2023.
2. **Adams MA**, Todd M, McEntee M, Ohri-Vachaspati P, Bruening M. Salad bars and primary students' fruit and vegetable consumption: A group-randomized trial with objective assessments. Oral presentation at the International Society of Behavioral Nutrition and Physical Activity 22st Annual Meeting. Uppsala, Sweden, June 15-18, 2023.
3. ‡ Phillips C+, Patel A++, **Adams MA**. An artificial intelligence approach to conducting pedestrian streetscape audits for physical activity. Oral presentation at the International Society of Behavioral Nutrition and Physical Activity 21st Annual Meeting. Phoenix, AZ, USA May 18-21, 2022.
4. ‡ McEntee M+, Todd M, Berardi V, Phillips C+, Cantley A++, Foreman E, Hooker S, **Adams MA**. Moderating effects of neighborhood walkability on intervention components to increase MVPA in a randomized controlled trial. Oral presentation at the International Society of Behavioral Nutrition and Physical Activity 21st Annual Meeting. Phoenix, AZ, USA May 18-21, 2022.

5. ‡ **Liddicoat C+++**, **Adams MA**, Grgich T, Bruening M. Loved or Left Untouched: A Cross-Sectional Analysis of Food Waste and Consumption in the National School Lunch Program. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 21st Annual Meeting. Phoenix, AZ, USA May 18-21, 2022.
6. ‡ **Jepson C+++**, Bruening M, **Adams MA**, Grgich T. Differences in Fruit and Vegetable Selection, Consumption, and Waste in Rural vs. Urban Arizona Schools. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 21st Annual Meeting. Phoenix, AZ, USA May 18-21, 2022.
7. ‡ **Cantley A++**, **Hurley JC++**, Todd M, Foreman E, Ainsworth B, Hooker S, Ohri-Vachaspati P, **McEntee M+**, **Adams MA**. Walkability around the worksite and self-reported and accelerometer-measured physical activity. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 21st Annual Meeting. Phoenix, AZ, USA May 18-21, 2022.
8. ‡ **Hook H++**, **Hurley JC++**, **Phillips CB+**, **Adams, MA**. Exploring Regional Accessibility and Neighborhood Walkability to Explain Domain- and Context-Specific Physical Activity. Presentation at the International Society of Behavioral Nutrition and Physical Activity 18th Annual Meeting. Prague, Czech Republic. June 4-7, 2019.
9. ‡ **Adams MA**. Todd M, **Hurley JC++**, **Hook H++**, **Phillips CB+**, Angadi SS, Hovell MF, Hooker S. Interactions between Urban Design and Financial Incentive Design for Adoption of Physical Activity. Oral presentation at the International Society of Behavioral Nutrition and Physical Activity 18th Annual Meeting. Prague, Czech Republic. June 4-7, 2019.
10. **Adams MA**. Ohri-Vachaspati, Richards T, Todd M, Grabb A, Bruening M. Design and Rationale for Evaluating Salad Bars and Students' Fruit and Vegetable Consumption: A Cluster Randomized Factorial Trial with Objective Assessments. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 18th annual meeting. Prague, Czech Republic. June 4-7, 2019.

International Presentations - As Assistant Professor at ASU

11. ‡ **Hurley JC++**, Bruening MM, Ohri-Vachaspati P, **Adams MA**. *Demographic Relationships of Fruits and Vegetables Selected, Consumed, and Wasted among Middle School Students in a Cross-Sectional Design [Abstract]*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 16th annual meeting. Victoria, British Columbia, Canada. June 2017. Poster presentation.
12. ‡ **Hurley JC++**, **Snider AM++**, **Singh P++**, **Abduljabbar MA++**, **Adams MA**. *Neighborhood crime, physical fitness and BMI: findings in the Walking Interventions through Texting (WalkIT) Trial [Abstract]*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity 16th annual meeting. Victoria, British Columbia, Canada. June 2017. Poster presentation.
13. ‡ **Adams MA**, **Kurka JM++**, Geremia C, **Zhu W++**, **Martinez J+++**, Gavand K, Engelberg J, Cain KL, Conway T, Sallis JF. Comparison of Field and Online Observations for Measuring Land Uses using the Microscale Audit of Pedestrian Streetscapes (MAPS). Paper presented at the 6th International Congress on Physical Activity and Public Health. Bangkok, Thailand. November 16-19, 2016.
14. ‡ **Adams MA**, Todd M, **Hurley J++**, Angadi S, Hovell M, **Bhuiyan N+++**. Testing Perpetually Adaptive Goal Setting and Immediate Rewards for Increasing Physical Activity: A 2x2 Factorial Randomized Controlled Trial. Paper presented at the 6th International Congress on Physical Activity and Public Health. Bangkok, Thailand. November 16-19, 2016.
15. **Adams, M.A.**, Smith G., Schipperijn J., Frank LD., Cain K., Conway T.L., Kerr J., Sallis J.F., and IPEN investigators. International Variation in Neighborhood Walkability, Recreation and Transit Environments using Geographic Information Systems: the IPEN Adult study. Paper presentation at the 14th meeting of the International Society for Behavioral Nutrition and Physical Activity. Edinburgh, Scotland. June 6, 2015.
16. ‡ **Adams MA**, Bruening M, Ohri-Vachaspati P, **Hurley JC++**. School Lunch Salad Bars, their Placement, and Students' Fresh Fruit and Vegetable Consumption. Paper presentation at the 14th meeting of the International Society for Behavioral Nutrition and Physical Activity. Edinburgh, Scotland. June 6, 2015.
17. **Adams MA**, Norman GJ, Ramirez E, Carlson JA, Kerr J, Godbole S, Dillon L, Marshall SJ. Effects of Behavioral Contingencies on Adolescent Active Video Game Play and Overall Activity: A Randomized Controlled Trial.

Presented at the 5th International Congress of Physical Activity and Public Health Conference. Rio de Janeiro, Brazil. April 9th, 2014.

18. **Adams, MA**, Smith G, Schipperijn J, Frank LD, Cain K, Conway TL, Kerr J, Sallis JF, and IPEN investigators. Global Variation in Neighborhood Walkability, Recreation and Transit Environments using GIS: the IPEN Adult study. International Society for Behavioral Nutrition and Physical Activity. Ghent, Belgium. May 24, 2013.
19. Ding D, **Adams MA**, Sallis JF, Norman G, Bauman A. Neighborhood environment and physical activity in 11 countries: a test of generalizability. International Society for Behavioral Nutrition and Physical Activity. Ghent, Belgium. May 24, 2013
20. Sallis, J.F., **Adams, M.A.**, Carlson, J.A., Frank, L.D., Cain, K., Conway, T.L., Kerr, J., & King, A.C. Neighborhood environments, physical activity, and function among US older adults: Findings from the Senior Neighborhood Quality of Life Study (SNQLS). In Symposium, The relationships between the physical environment and physical activity in older adults: Results from four different continents. International Society for Behavioral Nutrition and Physical Activity. Ghent, Belgium. May 25, 2013.

International Presentations - Before arriving at ASU

21. **Adams MA**, Sallis JF, Bowles HR, Ainsworth BE, Bergman P, Bull FC, Carr H, Craig CL, De Bourdeaudhuij I, Fernando Gomez L, Heggebo LK, Inoue S, Lefevre J, Macfarlane DJ, Matsudo S, Matsudo V, McLean G, Murase N, Sjöström M, Tomen H, Volbekiene V, Bauman A. Patterns of neighborhood environment attributes related to physical activity across 11 countries: A latent class analysis. Poster presented at the 8th International Conference on Diet and Activity Methods, Rome, Italy, May 14-17, 2012.
22. Hovell MF, Martinez-Donate AP, **Adams MA**, Hofstetter CR, Ji M, Matt G. Cultural practice supporting tobacco use: An introduction of contingency markers. Oral presentation at the 3rd international conference of the Association for Behavior Analysis, Beijing, China, November 25 – 27, 2005.
23. Hovell, M.F., Martinez-Donate, A.P., **Adams, MA.**, Hofstetter, C.R., Ji, M., Matt, G. Markers of Contingencies to Classify Communities: The case for Passive Smoke Exposure. Oral presentation at the 3rd international conference of the Association for Behavior Analysis. Beijing, China, November 25 – 27, 2005.

National – As Professor at ASU

1. McEntee ML., Millett E, Cantley A, & **Adams MA**. Examination of weight stigma among adolescent/parent dyads. (2023, April) Poster presented at the annual meeting of the Society of Behavioral Medicine in Phoenix, AZ.
2. Berardi V, Stecher C, McEntee ML, Todd, M, & **Adams MA**. (2023, April). Does delay discounting moderate or mediate the effect of financial incentives on physical activity in a year-long intervention? Poster presented at the annual meeting of the Society of Behavioral Medicine in Phoenix, AZ.
3. Weeldreyer NR, Leicht ZS, **Adams MA**, Angadi SS. The Effect of Age And BMI On Blood Pressure Among Inactive Adults. *Medicine & Science in Sports and Exercise* 2023;55(S9):756.
4. Leicht ZS, Weeldreyer NR, **Adams MA**, Angadi SS. Cardiorespiratory Fitness as a Predictor of Hypertension Status in Inactive Adults. *Medicine & Science in Sports and Exercise* 2023;55(S9):754-755.
5. De Guzman JC, Leicht ZS,, Weeldreyer NR, **Adams MA**, Angadi SS. Physical Activity Intervention In Reducing Blood Pressure Between Sexes In Sedentary Adults. *Medicine & Science in Sports and Exercise* 2023;55(S9):905.
6. Weeldreyer NR, Leicht ZS, **Adams MA**, Angadi SS. Baseline Cardiorespiratory Fitness and Changes in VO₂peak Following a 6-Month Walking Intervention In Insufficiently Active Adults. *Physiology* 2023;38(S1):5732636.

7. Leicht ZS,, Weeldreyer NR, **Adams MA**, Angadi SS. Blood Pressure Responses by Fitness Status Following a Physical Activity Intervention in Sedentary Adults. *Physiology* 2023;38(S1):5733055.
8. Beaumont J, **Adams MA**, Gaesser G, Angadi SS. Delta economy of walking is not associated with body mass index in physically inactive adults. *Physiology* 2023;38(S1):5732027.
9. Weeldreyer NR, Leicht ZS, **Adams MA**, Angadi SS. Changes in Blood Pressure across the Lifespan among Insufficiently Active Adults in the American Southwest. *International Journal of Exercise Science: Conference Proceedings* 2023;16(2):256.
10. Leicht ZS,, Weeldreyer NR, **Adams MA**, Angadi SS. Baseline Cardiorespiratory as a Predictor of BP Status in Insufficiently Active Adults. *International Journal of Exercise Science: Conference Proceedings* 2023;16(2):257.

National – As Associate Professor at ASU

11. **Adams MA**, McEntee ML+, Phillips C+, Berardi V, Todd M, Hovell M, Hooker S. Financial Reinforcement and Adaptive Goal Setting for Physical Activity: 24-Month Maintenance Effect. Oral presentation at the Society of Behavioral Medicine, Baltimore, MD, April 18-21, 2022.
12. Berry M++, **Adams MA**, Butryn M, Kerrigan S, Forman E. Efficacy and Mechanisms of a Brief Adaptive Goal-Setting Intervention for Physical Activity: A Randomized Pilot Trial. Oral presentation at the Society of Behavioral Medicine, Baltimore, MD, April 18-21, 2022
13. Weight R, **Adams MA**, M Bruening. Children's Fruit and Vegetable Selection, Consumption, and Waste at Lunch Is Related To Tray Color. *Ann Beh Med* 2021; 55, S103-S103
14. **Adams MA**, Patel AD++, Hook H++, Tsung-Yen Y, Middel A, Maciejewski R, Berardi V, Phillips CB+. Deep Learning and Google StreetView: Automating Microscale Audits of Street Intersection Features for Physical Activity. *Ann Beh Med* 2020; 54:S99
15. McEntee ML+, Foreman E, Cantley A++, Phillips C+, Todd M, Angadi SS, Berardi V, Hovell M, **Adams MA**. WalkIT Arizona: Impact of mHealth Interventions on Walking for Leisure versus Transportation. *Ann Beh Med* 2020; 54:S217.
16. Sallis JF, Cerin E, Kerr J, **Adams MA**, Sugiyama T, Christiansen LB, Schipperijn J, Davey R, Salvo D, DeBourdeaudhuij I, Owen N. Built Environment, Physical Activity and Obesity: Findings from the IPEN Adult Study. *Ann Beh Med* 2020; 54, S223-S223
17. McEntee ML, Phillips C, Berardi V, Todd M, Hovell M, **Adams MA**. Changes in Delay Discounting Rate following the WalkIT Arizona Intervention. *Ann Beh Med* 2020; 54:S225.
18. Berardi V, **Adams MA**, McEntee ML, Hovell MF, Todd M. A Dynamical Systems Model of the Immediate Effects of Monetary Reinforcement on Physical Activity. *Ann Beh Med* 2020; 54:S224.
19. Berardi V, **Adams MA**, Pincus D, Walker E, Todd M, McEntee ML, Hovell MF. Power Laws, Resiliency, and Resistance to Physical Activity Interventions. *Ann Beh Med* 2020; 54:S166.

20. **Adams MA**, Patel A+++, Hook H, Hurley J++, Middel A, Maciejewski R, Berardi V, Yu T, Phillips C+. Training Computers to See the Built Environment: Automated Detection of Intersection features using computer vision and Google Street View images. Oral presentation at the Active Living Conference, Orlando, FL, February 2–5, 2020.
21. ‡ Beaumont J++, Hook B+++, Hurley JC++, Vega-Lopez S, **Adams MA**, Angadi SS. Effects of BMI and VO₂peak on Cardiometabolic Health In Inactive, Overweight and Obese Adults. *Poster presentation at the American College of Sports Medicine conference*. May 2019.
22. ‡ Hurley JC++, Todd M, Phillips CB+, Hook H+, Hooker SP, **Adams MA**. *Moderators of the relationship between worksite walkability and physical activity*. *Poster presentation at the American College of Sports Medicine*. May 2019.
23. ‡ **Adams MA**, Phillips C+, Todd M, Frank, L, Hovell MF, Hooker S, Hurley JC++, Hook H++. *Does neighborhood walkability interact with physical activity interventions to promote adoption: Testing for interactions*. *Oral presentation at the Society of Behavioral Medicine*. Mar 2019.
24. ‡ Hurley JC++, Hook H++, Todd M, Phillips CB+, **Adams, MA**. *Exploring Objective Worksite Neighborhood Walkability Relationships to Total, Domain, and Environment Specific Physical Activity*. Poster presentation at the Active Living Research Conference, Feb 2019.
25. ‡ Phillips C+, Todd M, Hurley JC++, **Adams MA**. *Exploring time-varying relationships between weather factors and objectively-measured physical activity in Phoenix, Arizona*. Poster presentation at the Active Living Research Conference, Feb 2019.
26. ‡ Hook H, Hurley J++, Todd M, Phillips C+, **Adams MA**. *Concordance between perceived and objective proximity to nearest park in Maricopa County, Arizona*. Poster presented at Annual Meeting of the American Public Health Association. San Diego, CA. November 10 - November 14, 2018.
27. ‡ **Adams MA**, Phillips C+, Hurley J++, Todd M, Angadi S, Berardi V, Hovell MF. WalkiT Arizona - Effects of Continuous Reinforcement vs. Variable Magnitude and Probability Reinforcement on Adults' Physical Activity. In Berardi V. (Chair), *Real-Time Sensing Devices: An Opportunity to Deploy Behavioral Theory in Health Interventions*. Symposium conducted at the 44th annual convention of the Association for Behavior Analysis International, San Diego, California, May 24 – 28, 2018.
28. Norman G, Staiano AE, **Adams M**. Motivation for Exergame Play Inventory: Construct Validity and Relationship to Game Play. *Ann Beh Med* 2018;52(Suppl 1):S810.
29. ‡ **Adams MA**, Phillips C+, Hurley J++, Hook H+++, Western E, Zhu W, Yu TY, Berardi VJ. Amazon MTurkers vs Expert Raters: Crowdsourcing Microscale Audits of Pedestrian Streetscapes. Oral presentation at Society of Behavioral Medicine 39th annual meeting, New Orleans, LA, USA. April 11 – 14, 2018.
30. ‡ **Adams MA**, Phillips C+, Hurley J++, Todd M, Angadi S, Berardi V, Hovell MF. Effects of Continuous Reinforcement vs. Variable Magnitude and Probability Reinforcement on Adults' Physical Activity. Oral presentation at Society of Behavioral Medicine 39th annual meeting, New Orleans, LA, USA. April 11 – 14, 2018.
31. ‡ Hurley JC++, Hao L, Abduljabbar MA+++ , Angadi SS, **Adams MA**. *Walkability Moderates Intervention on Moderate-to-Vigorous Physical Activity and Body Mass Index*. Oral presentation at Society of Behavioral Medicine 39th annual meeting, New Orleans, LA, USA. April 11 – 14, 2018.

32. ‡ Phillips, C. B.+ , Hurley, J. C. ++, Todd, M., Angadi, S. S., Berardi V., Hovell M.F., **Adams, M. A.** Delay Discount Rate Moderates a Physical Activity Intervention Testing Immediate Rewards. Oral presentation at Society of Behavioral Medicine 39th annual meeting, New Orleans, LA, USA. April 11 – 14, 2018.
33. ‡ **Adams, M. A.**, Phillips, C. B. +, Hurley, J. C. ++, Hook, H., Zhu, W., Western, E. +++ & Yu, T. Y. Crowdsourcing Microscale Audits of Pedestrian Streetscapes: Amazon MTurkers versus Expert Raters. Poster accepted for presentation at the Active Living Research Conference 2018.
34. ‡ Phillips, C. B. +, **Adams, M. A.**, Hurley, J. C. ++, Hook, H., Zhu, W., Western, E. +++ & Yu, T. Y. Assessing Microscale Features Supportive of Physical Activity: Reliability of Online Crowdsourced Ratings. Poster accepted for presentation at the Active Living Research Conference 2018.

National Presentations - As Assistant Professor at ASU

35. ‡ Phillips, C. B. +, Engleberg, J. K., Conway, T. L., Cain, K. L., Geremia, C. M., Zhu, W. ++, Kurka, J. ++, Sallis, J., & **Adams, M.A.** (November 2017). Online versus in-person comparison of the Microscale Audit Pedestrian Streetscapes (MAPS) observation tool: Reliability of alternate methods. Poster presented at the American Public Health Association Annual Meeting and Expo, Atlanta, GA.
36. ‡ **Adams MA**, Hurley J++, Todd M, Bhuiyan N+++, Jarrett CL, Tucker WJ, Hollingshead K, Angadi S. Adaptive goal setting and financial incentives: a 2 x 2 factorial randomized trial to increase physical activity among adults. Poster presented at the 38th Annual Meeting of the Society of Behavioral Medicine. San Diego, California. March 29-April 1, 2017.
37. DeWeese R, Ohri-Vachaspati P, **Adams M**, Kurka J, Yong Han S, Todd M, Yedidia M. Associations between food and physical activity environments and children’s food and activity behaviors: A latent class analysis approach. Paper presented at Annual Meeting of the American Public Health Association. Denver, CO. October 29 - November 2, 2016.
38. ‡ Jarrett CL++, Tucker WJ, Hurley JC++, Todd M, Bhuiyan N+++, Fernandez JA+++, **Adams MA**, Angadi SS. Effects of an mHealth Adaptive Intervention on Vascular Health and Cardiorespiratory Fitness. *Circulation*, 2016;133(suppl 1):AMP45. *Moderated Poster at the American Heart Association’s Epidemiology Lifestyles Scientific Sessions (EPI|Lifestyles). Phoenix, AZ, March 1-4, 2016.*
39. ‡ Herbold JL++, Hook BE, Jarrett CL, Tucker WJ, Bhuiyan N+++, Fernandez JA+++, Todd M, **Adams MA**, Angadi SS. Effects of the Walking Intervention Through Texting Trial on Novel Markers of Vascular Stiffness and Remodeling. *Circulation*, 2016;133(suppl 1):AP249. *Poster at the American Heart Association’s Epidemiology Lifestyles Scientific Sessions (EPI|Lifestyles). Phoenix, AZ, March 1-4, 2016.*
40. ‡ Hook BE+++, Jarrett CL, Herbold JL, Tucker WJ, Hurley JC++, Todd M, Bhuiyan N+++, Fernandez JA, **Adams MA**, Angadi SS. Changes in Glycemia and Blood Lipids Following a 4 Month mHealth Walking Intervention. *Circulation*, 2016;133:AP250. *Poster at the American Heart Association’s Epidemiology Lifestyles Scientific Sessions (EPI|Lifestyles). Phoenix, AZ, March 1-4, 2016.*
41. ‡ **Adams MA**, Hurley JC++, Davis MB++, Singh P++, Hao, L+++. Creating a Walkability Surface for Maricopa County, Arizona. Oral presentation at the 2016 ESRI Southwest User Conference, Phoenix, AZ January 19-21, 2016.
42. ‡ **Adams MA**, Hurley JC++, Todd M, Angadi^S, Hooker S, Hovel M, Frank LF, Western E+++. Walking Interventions Through Texting (WalkIT) Trial: a Factorial Randomized Controlled Trial of Adaptive Interventions for Inactive Adults living in High and Low Walkable Neighborhoods. Poster presentation at the NIH National Cancer Institute’s New Investigator Meeting. Rockville, MD. November 4, 2015.
43. ‡ **Adams MA**, Bruening M, Ohri-Vachaspati P, Hurley JC++. Placement of School Lunch Salad Bars and Students’ Fresh Fruit and Vegetable Consumption. Paper presentation at the 143rd annual meeting of the American Public Health Association. Chicago, Illinois. November 3, 2015.

44. ‡ Bruening M, **Adams MA**, Ohri-Vachaspati P, Hurley JC++. Lunchroom environmental factors related to having school salad bars: Prevalence and findings from a state-wide survey in Arizona. *Federation of American Societies for Experimental Biology Journal*. 2015;29: 273.5.
45. ‡ Skelton K++, Bruening M, **Adams MA**, Ohri-Vachaspati P, Hurley JC++, Simpson, J. Cafeteria Managers' Perceptions and Promotion of School Salad Bars. *Federation of American Societies for Experimental Biology Journal*. 2015;29: 903.2.
46. ‡ Hurley JC++, Bruening M, Adams MA, Ohri-Vachaspati P. Demographic predictors of fruit and vegetable consumption and waste among middle school students. *Annals of Behavioral Medicine*. 2015; 49(suppl 1):S106.
47. ‡ Todd M, **Adams MA**, Kurka J++, Conway T, Frank L, Sallis JF, King A. Latent profile analysis of GIS-measured environments for physical activity in older adults. *Annals of Behavioral Medicine*. 2015;49(suppl 1): S171. *Won SBM Citation Award
48. **Adams MA**, Hekler EB, Klasnja P, Spring B. How do we adapt? A discussion on methods for adapting mHealth physical activity interventions. *Annals of Behavioral Medicine*. 2015;49(suppl 1): S140.
49. Joseph RP, Keller C, **Adams MA**, Ainsworth BE, Facebook and text messaging to deliver a physical activity intervention to African American women. *Annals of Behavioral Medicine*. 2015;49(suppl 1): S55.
50. ‡ **Adams MA**, Bruening M, Ohri-Vachaspati P, Hurley JC++. Salad Bar location and fruit and vegetable consumption in middle schools: a plate waste study. *Annals of Behavioral Medicine*. 2015;49(suppl 1): S56.
51. ‡ Zhu W++, Kurka J++, Geremia C, Hooker SP, Cain KL, Conway T, Sallis JF, **Adams MA**. Reliability of Google Earth Microscale Audit Pedestrian Streetscapes (GMAPS) between raters with varied familiarities of a region. Poster at the Active Living Research (ALR) Annual Conference, San Diego, CA. February 2015.
52. ‡ Kurka JM++, Adams MA, Geremia C, Zhu W++, Martinez J+++, Gavand K, Engelberg J, Cain KL, Conway T, Sallis JF. Validity of Google Earth Aerial and Street Views for Measuring Land Uses: Comparisons to Field Observations. Presented at the 12th Active Living Research. San Diego, CA. February 25, 2015.
53. ‡ Hurley JC++, Jarrett CL, Tucker WJ, Hollingshead K, Todd M, Eric Hekler, Angadi SS, **Adams MA**. Walk score, bike score, transit score as predictors of fitness in overweight and obese adults. Presented at the Southwest American College of Sports Medicine Conference. Newport Beach, CA. October 17 and 18, 2014.
54. ‡ Jarrett CL++, Tucker WJ, Hurley JC++, Hines J+++, Lamb N+++, Todd M, Hollingshead K, Gaesser GA, **Adams MA**, Angadi SS. Preliminary effects of mHealth adaptive interventions on vascular markers and cardiorespiratory fitness. Presented at the Southwest American College of Sports Medicine Conference. Newport Beach, CA. October 17 and 18, 2014.
55. Riley WT, Martin CA, Rivera DE, Hekler EB, **Adams MA**, Buman MP, King AC, Pavel M. The development of a control systems model of Social Cognitive Theory. *Annals of Behavioral Medicine*, 2014;47 (suppl 1), S149-S149.
56. ‡ Todd M, **Adams MA**, Kurka J++, Conway T, Cain KL, Frank LD, Sallis JF. Latent profile analysis of GIS-measured walkability, transit and recreation environments for physical activity. *Annals of Behavioral Medicine*, 2014;47 (suppl 1), S90-S90.
57. ‡ Kurka J++, **Adams MA**, Todd M, Colburn T, Sallis JF, Conway T, Cain KL, Frank LD, Glanz K, Saelens BE. Latent Profile Analysis of Children's Neighborhoods in Relation to Physical Activity Outside of School. Oral presentation at the Active Living Research Conference. San Diego, California. March 9-12th, 2014.
58. **Adams MA**, Johnson WD, Tudor-Locke C. Accelerometer Steps/day Translation of the Moderate-to-Vigorous Physical Activity Guideline for Children and Adolescents. *Circulation*, 2013;127:AMP40. *Moderated Poster at the American Heart Association's Epidemiology and Prevention | Nutrition, Physical Activity and Metabolism (EPI|NPAM) Scientific Sessions. New Orleans, LA, March 19-22, 2013.*
59. ‡ **Adams MA**, Sallis JF, Norman GJ, Parata E+++, Hekler E, Hovell MF. An Adaptive Goal Setting and Feedback Intervention for Physical Activity. *Annals of Behavioral Medicine*, 45(suppl 2);2013; S183.

60. **Adams MA.** Achieving Real Behavioral Change through Sustainability Policy: Evidence for the Built Environment and Physical Activity. Presented at the California Chapter of the American Planning Association, Palm Springs, CA October 22, 2012.
61. Hovell MF, Robusto K, **Adams MA.** The Behavioral Ecological Model: A guide for real time measures and real time interventions. Presented at the Computer Science Research Colloquium at San Diego State University, CA, Sept, 2012.
62. Kirwa K, Wang Y, **Adams MA,** Morgan CG, Kerr J, Norman GJ, Eaton CB, Allison MA, Wellenius GA. Residential Proximity To Major Roadways is Associated with Increased Risk of Hypertension Among Post-Menopausal Women: Results From the San Diego Cohort of the Women's Health Initiative. *Circulation*, 2012;125:A058.

National Presentations - Before arriving at ASU

63. Millstein, R. A., Kerr, J., **Adams, M. A.**, Sallis, J. F., Calfas, K. J., Patrick, K, Allison, M., & Norman, G. J. Neighborhood Food Environment and Adolescent Dietary and BMI Outcomes Over A 1-Year Intervention. *Annals of Behavioral Medicine*, 2012;43 (suppl 1), S85-S85.
64. Naveed S, Kerr J, Norman GJ, **Adams MA,** Morgan CG, Langer RD, Macera CA, Alcaraz JE, Sallis JF, Allison MA. Neighborhood Food Environments and Incident Myocardial Infarction in Post Menopausal Women. *Annals of Behavioral Medicine*, 2012;43 (suppl 1), S97-S97.
65. **Adams MA,** Sallis JF, Conway TL, Frank LD, Saelens BE, Kerr J, Cain KL, King AC. Neighborhood Environment Profiles Related to Physical Activity and Weight Status among Seniors: A Latent Profile Analysis. Oral presentation at the Active Living Research Annual Conference, March 12-14, 2012 San Diego, CA.
66. Millstein RA, Cain KL, Sallis JF, Frank LD, Conway TL, Geremia CF, **Adams MA,** & Saelens BE. Development and Reliability of Summary Scores for Street Segments and Cul-de-sacs Using the MAPS Neighborhood Environmental Audit. Poster presented at the Active Living Research Annual Conference, March 12-14, 2012 San Diego, CA.
67. Norman GJ, **Adams MA,** Ramirez ER, Carlson JA, Kerr J, Godbole S, Dillon L, Palmer N, Marshall SJ. (2011, April). Predictors of Adolescent Exergame Play over Four Weeks. Presented at the 32nd Annual Meeting of the Society of Behavioral Medicine. Washington DC.
68. Norman GJ, **Adams MA,** Kerr J, Millstein R, Morgan C, Langer R, Allison M. Environmental Correlates of Physical Activity in Older Women: Findings from the San Diego Cohort of the Women's Health Initiative. Paper presented at the Active Living Research Annual Conference 2011. February 22-24, 2011 San Diego, CA.
69. Millstein RA, Sallis JF, Frank LD, Saelens BE, **Adams MA,** Conway T, Kerr J, Cain K. An Environmental Audit Survey of Children's and Older Adults' Neighborhoods: Creating Summary Scores. Poster presented at the Active Living Research Annual Conference 2011. February 22-24, 2011 San Diego, CA.
70. **Adams MA,** Sallis JF, Kerr J, Conway T, Saelens BE, Frank LD, Norman GJ, Cain K. Neighborhood Environment Profiles: Relation to Weight Status and Physical Activity. *Obesity*, 2010;18(suppl 2), S57-S58.
71. Norman GJ, Roesch SC, Sallis JF, **Adams MA,** Kerr J, Calfas KJ, Patrick K. Psychosocial intervention mediators of adolescent sedentary behavior. *Annals of Behavioral Medicine*, 39;2010;(suppl 1), S153.
72. Ramirez E, **Adams MA,** Marshall SJ, Norman GJ, Dillon L, Caparosa S. Deconstructing exergames: A method for tearing apart and quantifying elements of game design in exergames. Oral presentation at the 5th Annual Games for Health Conference, Boston, MA, June 11-12, 2009.
73. **Adams MA.** Marshall SJ, Dillon L, Caparosa S, Ramirez E, Phillips J, Norman GJ. A theory-based framework for evaluating exergames as persuasive technology. Paper presented at the 4th Annual International Persuasive Technology Conference, Claremont, California, April 26-29, 2009.
74. **Adams MA.** GIS and Spatial Analysis Resources. Oral presentation at the Gene, Geographic Information Systems (GIS), and Global Positioning Systems (3Gs) Workshop, San Diego, California, February 20-22.

75. Roesch S, Sallis JF, Norman GJ, **Adams MA**, Kerr J, Ryan S, Calfas KJ, Patrick K. Latent growth curve models of psychosocial factors and adolescent physical activity. *Annals of Behavioral Medicine*, 35 (suppl 1), S42.
76. Caparosa SL, **Adams MA**, Calfas KJ, Patrick K, Thompson S, Norman GJ. Accelerometer measured physical activity patterns in overweight adolescents. Poster presented at the 29th annual meeting of the Society of Behavioral Medicine, San Diego, CA, March 26-28, 2008.
77. Norman GJ, Roesch S, **Adams MA**, Kerr J, Sallis JF, Ryan S, Frank LF, Calfas K, Patrick K. Predicting adolescent physical activity and sedentary behavior: a signal detection analysis. *Annals of Behavioral Medicine*, 35 (suppl 1), S163.
78. Kerr J, Norman GJ, **Adams MA**, Ryan S, Frank LF, Sallis JF, Calfas K, Patrick K. Do neighborhood environments moderate the effect of walking interventions? *Annals of Behavioral Medicine*, 35 (suppl 1), S29.
79. **Adams MA**, Caparosa SL, Thompson S, Calfas K, Patrick K, Norman GJ. Translating physical activity recommendations for youth to daily pedometer steps. *Annals of Behavioral Medicine*, 35 (suppl 1), S184.
*Meritorious Student Abstract Award
80. Patrick K, Raab F, Dillon L, **Adams MA**, Norman GJ, Griswold B, Zabinski M, Rock C. Texting for weight management: results of the mDIET study. Oral presentation at the Texting4Health conference. Palo Alto, CA, February 29, 2008.
81. Caparosa SL, **Adams MA**, Mareci KA, Kerr J, Calfas KJ, Norman GJ, Patrick K. Physical activity intensity and duration patterns in mild-to-moderately depressed adults. *Med Sci Sports Exerc.* 2007 May;39(5 Suppl):S453.
82. Abascal L, Norman GJ, Calfas KJ, **Adams MA**, Sallis JF, Patrick K. (2007). 24-month stability of sedentary behavior clusters in adolescents. *Annals of Behavioral Medicine*, 33 (suppl), S41.
83. Norman, GJ, Roesch, S, **Adams, MA**, Ryan, S, Kerr, J, Sallis, JF, Frank, L., Calfas, KJ, Patrick, K. (2007). A latent profile analysis of environmental variables in relation to adolescent physical activity, sedentary time, and overweight. *Annals of Behavioral Medicine*, 33 (suppl), S143.
84. **Adams MA**, Hovell MF, Norman GJ, Irvin V, Bishop B, Ben-Porat Y. Identifying Synergistic and Antagonistic Interactions of Reinforcement Contingencies for Daily Physical Activity. Paper presented at the Annual Convention of the Association for Behavior Analysis International, San Diego, CA, May 25-29, 2007
85. **Adams MA**, Hovell MF, Norman GJ, Irvin V. Examining ecological hypotheses for stair use: Identifying subgroups using personal and environmental characteristics. Poster presented at the Active Living Research Annual Conference, Coronado, California, February 22-24, 2007.
86. **Adams, MA**, Norman, GJ, Sallis, JF, Zabinski, MF, Calfas, KJ, Patrick, K. (2006). A mediator analysis of decisional balance for adolescents' sun protection from a behavior-analytic perspective. *Annals of Behavioral Medicine*, 31 (suppl), S40.
87. Norman, GJ, **Adams, MA**, Calfas, KJ, Rossi, JS, Redding, CA, Covin, J, Mareci, K, Zabinski, MF, Sallis, JF, Patrick K. (2006). Evaluation of an expert system intervention for sun protection in adolescents. *Annals of Behavioral Medicine*, 31 (suppl), S40.
88. Caparosa SL, Witmer LA, Zabinski MF, **Adams MA**, Norman GJ, Patrick K. Pedometer step counts during a one-year internet-based weight management program for overweight men. Poster presented at the Walking for Health: Measurement and Research Issues and Challenges meeting of the American College of Sports Medicine, University of Illinois, Urbana-Champaign, October 13-15, 2005.
89. **Adams MA**, Martinez-Donate AP, Hovell MF, Hofstetter CR, Vera C, Valerio G. Predictors of household smoking policies among San Diego residents of Mexican descent. Poster presentation at the 132nd Annual Meeting of the American Public Health Association, Washington, D.C., November 6 to 10, 2004.
90. Martinez-Donate AP, Hovell MF, Hofstetter CR, Gonzalez-Perez GJ, Sanchez JJ, Viñas M, Kotay A, **Adams MA**. International tobacco control research on residential smoking policies among Mexican-descent

populations. Paper presented at the 15th Tobacco-related Disease Research Program Annual Meeting, Los Angeles, California, October 10-11, 2004.

91. Martinez-Donate AP, Hovell MF, **Adams MA**, Sanchez JJ, Viñas M, Guzman G, Gonzalez JR, Almaraz EM, Hernandez MGS, Garcia OIJ. Smoking, exposure to environmental tobacco smoke (ETS), and home policies on smoking in the border city of Tijuana, Mexico. Oral presentation at the 132nd Annual Meeting of the American Public Health Association, Washington, D.C., November 6 to 10, 2004.
92. **Adams MA**, Martinez-Donate AP, Hovell MF, Hofstetter CR, Vera C, Valerio G. Predictors of household smoking policies among San Diego residents of Mexican descent. Poster presented at the Third Annual Meeting of the International Society for the Prevention of Tobacco Induced Diseases, Louisville, KY, October 29th to November 1st, 2004.
93. Martinez-Donate AP, Hovell MF, **Adams MA**, Sanchez JJ, Viñas M, Guzman G, Gonzalez JR, Almaraz EM, Hernandez, MGS, Garcia OIJ. Smoking, exposure to environmental tobacco smoke (ETS), and home policies on smoking in the border city of Tijuana, Mexico. Presented at the Third Annual Meeting of the International Society for the Prevention of Tobacco Induced Diseases, Louisville, KY, October 29th to November 1st, 2004.
94. Hovell MF, **Adams MA**, Irvin V, Sallis JF. Social and physical contingencies for stair use at the airport: An experimental analysis of modeling. Presented at the 25th Annual Meeting Of The Society of Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
95. Martinez-Donate AP, Hovell MF, **Adams MA**, Gonzalez-Perez G. Applying the BEM for international tobacco control research: Project SanTiGua. Presented at the 25th Annual Meeting of The Society Of Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
96. **Adams MA**, Pelletier RL, Zive M, Sallis JF. What's surrounding schools? Evaluating businesses selling food around schools. Presented at the 25th Annual Meeting Of The Society Of Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
97. **Adams MA**, Irvin VL, Arnold KE, Hovell MF, Nichols JF, Sallis JF, Ryan S. The relationship between children's fitness and distance to neighborhood facilities. Presented at the 25th Annual Meeting Of The Society Of Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
98. Pelletier RL, **Adams MA**, Zive M, Sallis JF. Evaluating salad bars in elementary schools: Results of a plate waste study. Presented at the 25th Annual Meeting of The Society Of Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
99. Martinez-Donate AP, Hovell MF, **Adams MA**, Hofstetter CR, Guzman-Cerda G, Walhgren DR, Sanchez JJ, Gonzalez-Perez G, Tobacco use & policies in San Diego and Tijuana: A comparative analysis. Poster presented at the 10th Annual Meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ, February 18-21, 2004.
100. Martinez-Donate AP, Hovell MF, Hofstetter CR, **Adams MA**, Asadi AA, Gonzalez JR, Wahlgren DR, Klonoff E, Gonzalez-Perez GJ. Tobacco use & policies among San Diego and Tijuana residents of Mexican descent. Poster presented at Tobacco Related Disease Research Program (TRDRP) Annual Investigators Meeting 2003, San Diego, CA, December 3 & 4, 2003.
101. Bousman CA, **Adams MA**, Duerksen SC, Miller PA, Peddecord KM, Hovell MF. Liquor license density and crime: The relationship in San Diego, California. Presented at the 131st Annual Meeting of the American Public Health Association, San Francisco, CA, November 15-19, 2003.
102. **Adams MA**, Kozo J, Pelletier RL, Zive M. Fruit and vegetable consumption project: Results and recommendations for evaluating salad bars in elementary schools. Poster presented at California Nutrition Network's Social Marketing Conference, Sacramento, CA, August 6, 2003.
103. Irvin V, **Adams MA**, Hovell MF, Buchanan L, Bousman C, Ben-Porat Y, Saretsky T, Bishop B. Escalator abuse: Percentage of stair and escalator use at an airport and amount of calories expended. Poster presented at the 2003 San Diego Epidemiology Research Exchange. University of California, San Diego. April 25, 2003.

104. Mulvihill M, Hovell MF, Ho S, Estrada I, Sallis JF, **Adams MA**. Maintenance of behavioral change processes used in exercise adoption among low income Latino women. Poster presented at the 22nd annual meeting of the Society of Behavioral Medicine, Seattle, WA, March 21-24, 2001.

5. TEACHING APPOINTMENTS

| Year / Semester | Course Name/Number/University/Type |
|-----------------|------------------------------------|
|-----------------|------------------------------------|

As Full Professor at ASU

| | |
|-----------|---|
| 2023 Fall | Advanced Research Methods / EXW 700 / ASU / Immersion |
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| 2023 Fall | Introduction to Epidemiology / HEP 444 / ASU / Online |
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As Associate Professor at ASU

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| 2022 Spring | Evaluating the Population Health Literature / POP 591 / ASU / Immersion |
|-------------|---|

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| 2022 Fall | Advanced Research Methods / EXW 700 / ASU / Immersion |
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| 2021 Fall | Advanced Research Methods / EXW 700 / ASU / Immersion |
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| 2020 Fall | Advanced Research Methods / EXW 700 / ASU / Immersion |
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| 2019 Fall | Advanced Research Methods / EXW 700 / ASU / Immersion |
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| 2022 Fall | Introduction to Epidemiology / HEP 444 / ASU / Online |
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| 2021 Fall | Introduction to Epidemiology / HEP 444 / ASU / Online |
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| 2021 Fall | Introduction to Epidemiology / HEP 444 / ASU / Online |
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| 2021 Fall | Introduction to Epidemiology / HEP 444 / ASU / Online |
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| 2019 Spring | Physical Activity and Population Health, Special Topics / EXW 598 / Immersion |
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2018 Fall Seminar: Phys Act Ntr Grad Seminar / EXW 691 / NTR 691 / ASU / Immersion

As Assistant Professor at ASU

2017 Fall Advanced Research Methods / EXW 700/ ASU / Immersion

2016 Fall Advanced Research Methods / EXW 700/ ASU / Immersion

2015 Fall Advanced Research Methods / EXW 700/ ASU / Immersion

2014 Fall Advanced Research Methods / EXW 700/ ASU / Immersion

2013 Fall Advanced Research Methods / EXW 700/ ASU / Immersion

2012 Fall Advanced Research Methods / EXW 700/ ASU / Immersion
(Co-Taught w/ Dr. Barbara Ainsworth)

2018 Spring Introduction to Epidemiology / EXW 444 / ASU / Immersion

2016 Spring Introduction to Epidemiology / EXW 444 / ASU / Immersion

2015 Spring Introduction to Epidemiology / EXW 444 / ASU / Immersion

2014 Spring Introduction to Epidemiology / EXW 444 / ASU / Immersion

2013 Spring Introduction to Epidemiology / EXW 444 / ASU / Immersion

2012 Fall Introduction to Epidemiology / EXW 444 / ASU / Immersion
(Co Taught w/ Dr. Barbara Ainsworth), ASU

6. MENTORING

| Type | Name | Degree | Role in Committee or Mentoring | Date of Completion or Mentoring Duration |
|-----------------------|-------------------|--------|--------------------------------|--|
| Faculty / Peer | | | | |
| | Adewale Oyeyemi | N/A | Peer Mentor | 2023- |
| | Dr. Mindy McEntee | N/A | Peer Mentor | 2022- |
| | Dr. Ali Ross | N/A | Peer Mentor | 2020-2022 |

| | | | | |
|--|------------------|-----|-------------|-----------|
| | Dr. Chad Stecher | N/A | Peer Mentor | 2019-2021 |
|--|------------------|-----|-------------|-----------|

Postdoctoral Scholar

| | | | | |
|--|----------------------|---------|----------------|-----------|
| | Dr. Mindy McEntee | Postdoc | Primary mentor | 2019-2022 |
| | Dr. Christy Phillips | Postdoc | Primary mentor | 2017-2019 |

Medical Student Internships

| | | | | |
|--|-----------------------|----|-----------------------------|-----------|
| | Bayley Brennan | MD | Chair, Research Internship | 2022- |
| | Sameer Kandula | MD | Chair, Research Internship | 2019-2022 |
| | Monica Sri Sadhu | MD | Chair, Research Internship | 2019-2022 |
| | Michelle Blumenschine | MD | Member, Research Internship | 2016 |

PhD Students

| | | | | |
|---------------------------------|--------------------|-----|--------|-------------|
| Exercise and Nutrition Sciences | Josh Beaumont | PhD | Member | Fall 2023 |
| Exercise and Nutrition Sciences | Kelly Cosgrove | PhD | Member | Spring 2023 |
| Exercise and Nutrition Sciences | Natasha Birchfield | PhD | Member | Fall 2019 |
| Exercise and Nutrition Sciences | Jane Hurley | PhD | Chair | Spring 2019 |
| Exercise and Nutrition Sciences | Irene van Woerden | PhD | Member | Spring 2019 |
| Exercise and Nutrition Sciences | Cori Lorts | PhD | Member | Summer 2017 |
| Exercise and Wellness | Jonathan Kurka | PhD | Member | Fall 2016 |
| Physical Education | Michalis Stylianou | PhD | Member | Spring 2014 |
| Exercise and Wellness | Sarah Wherry | PhD | Member | Spring 2014 |

Masters Students

| | | | | |
|--|---------------------|----|----------|-------------|
| Nutrition | Christina Dandridge | MS | Chair | Fall 2023 |
| Nutrition | Molly Jepson | MS | Co-Chair | Spring 2022 |
| Clinical Psychology, Drexel University | Michael Berry | MS | Member | Spring 2021 |
| Nutrition | Amber James | MS | Co-Chair | Spring 2021 |
| Nutrition | Carina Platte | MS | Member | Spring 2021 |
| Nutrition | Raevyn Xavier | MS | Member | Spring 2021 |
| Nutrition | Raquelle Wright | MS | Member | Fall 2020 |

| | | | | |
|-----------------------|--------------------|----|--------|-------------|
| Nutrition | Sydney Pisano | MS | Member | Spring 2019 |
| Nutrition | Tara Mahmood | MS | Member | Spring 2019 |
| Exercise and Wellness | Marley Ford | MS | Chair | Spring 2015 |
| Nutrition | Kelsey Kebric | MS | Member | Spring 2015 |
| Exercise and Wellness | Christopher Churan | MS | Member | Spring 2014 |

Undergraduate Students

| | | | | |
|---------------------------|---------------------|----------------|----------|-------------|
| Clinical Exercise Science | Emma Welch | Barrett Honors | Member | Fall 2022 |
| Biomedical Sciences | Avina Naqvi | Barrett Honors | Co-Chair | Spring 2021 |
| Biomedical Sciences | Sara Shaikh | Barrett Honors | Co-Chair | Spring 2021 |
| Nutrition | Dahlia Stott | Barrett Honors | Chair | Fall 2019 |
| Nutrition | Raevyn Xavier | Barrett Honors | Member | Fall 2018 |
| Biomedical Engineering | Courtney Van Bussum | Barrett Honors | Chair | Spring 2017 |
| Exercise and Wellness | Nishat Bhuiyan | Barrett Honors | Chair | Spring 2015 |
| Biology | Jacqueline Hines | Barrett Honors | Chair | Spring 2015 |
| Kinesiology | Nick Lamb | Barrett Honors | Chair | Fall 2014 |

Non-Thesis Students (research internships or experiences)

| | | | | |
|------------------------------------|------------------------------|-----------------------|--------------------|-------------|
| Biological Sciences and Psychology | Mary Cochran | Barrett Honors Fellow | Research fellow | 2021 |
| Aerospace Engr (Aeronautics) | Ribhu Mukherjee | Barrett Honors Fellow | Research fellow | 2021 |
| Medical Studies | Caroline Pernet | Barrett Honors Fellow | Research fellow | 2021 |
| Mechanical Engineering | Nitesh Puri | Barrett Honors Fellow | Research fellow | 2021 |
| Exercise and Wellness | Miranda Miller | Undergraduate | Research assistant | 2019-2020 |
| Medical Studies | Alex Krauss | Undergraduate | Research assistant | 2017 - 2020 |
| Medical Studies | Renuka Vemuri | Undergraduate | Research assistant | 2018-2019 |
| Biomedical Engineering | Joseline Valenzuela Quintero | Undergraduate | Research assistant | 2018-2019 |
| Health Ed & Health Promotion | Jessica Nieto | Undergraduate | Research assistant | 2018-2019 |
| Kinesiology | Cassandra Morris | Undergraduate | Research assistant | 2018-2019 |
| Clinical Exercise Science | Miranda Miller | Undergraduate | Internship | 2018-2019 |

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|--------------------------------|--------------------------|------------------------|--------------------|-----------|
| Kinesiology | Sabrina Milano | Undergraduate | Research assistant | 2018-2019 |
| Kinesiology | Dania Jimenez | Undergraduate | Research assistant | 2018-2019 |
| Dietetics | Brenda Hernandez | Undergraduate | Research assistant | 2018-2019 |
| Dietetics | Chanel Haifley | Undergraduate | Research assistant | 2018-2019 |
| Dietetics | Uyen Nguyen Thu Doan | Undergraduate | Research assistant | 2018-2019 |
| Dietetics | Tanis Chung | Undergraduate | Research assistant | 2018-2019 |
| Dietetics | Ryan Brice | Undergraduate | Research assistant | 2018-2019 |
| Geographic Information Systems | Hanna Hook | Masters | Research assistant | 2018-2019 |
| Medical Studies | Emily Keidell | Undergraduate/Barr ett | Research assistant | 2018-2019 |
| Exercise and Wellness | Krsityn Foster | Undergraduate | Research assistant | 2017 |
| Kinesiology | Cody Bushroe | Undergraduate | Research assistant | 2016-2017 |
| Geographic Information Systems | Dariusz Ameli | Masters | Research assistant | 2017 |
| Geographic Information Systems | Alexander Snider | Masters | Research assistant | 2017 |
| Geographic Information Systems | Madison Davis | Masters | Research assistant | 2015-2016 |
| Geographic Information Systems | Parul Singh | Masters | Research assistant | 2015-2016 |
| Urban Planning | Lu Hao | Undergraduate | Research assistant | 2015-2016 |
| Geographic Information Systems | Mohammed Abduljabbar | Masters | Research assistant | 2016 |
| Exercise and Wellness | Emily Western | Undergraduate | Internship | 2015 |
| Nonprofit Professional | Kelli Mason | Undergraduate | Research assistant | 2015 |
| Exercise and Wellness | Mohammed Hussaini | Undergraduate | Research assistant | 2015 |
| Exercise and Wellness | Annelisa Pessetto Hawkin | Masters | Research assistant | 2014 |
| Exercise and Wellness | James Kline | Undergraduate | Research assistant | 2014 |
| Exercise and Wellness | Brittanie Langvad | Undergraduate | Research assistant | 2014 |
| Health Sciences | Crystal Lee | Undergraduate | Research assistant | 2014 |
| Global Health | Justin Martinez | Undergraduate | Research assistant | 2012-2014 |

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|-----------------------|--------------------|---------------|--------------------|------|
| Global Health | Alison Lawrence | Undergraduate | Research assistant | 2013 |
| Nutrition | Nona Bennet | Undergraduate | Research assistant | 2013 |
| Nutrition | Rachael Don | Undergraduate | Research assistant | 2013 |
| Nutrition | Yaxin (Ya Ya) Guo | Undergraduate | Research assistant | 2013 |
| Nutrition | Stanley Hsieh | Undergraduate | Research assistant | 2013 |
| Nutrition | Lynnsie Huo | Undergraduate | Research assistant | 2013 |
| Nutrition | Tana Ingram | Undergraduate | Research assistant | 2013 |
| Exercise and Wellness | Weston Krauss | Undergraduate | Research assistant | 2013 |
| Nutrition | Amber Reed | Undergraduate | Research assistant | 2013 |
| Nutrition | Yasir Salih | Undergraduate | Research assistant | 2013 |
| Nutrition | Julie Simpson | Undergraduate | Research assistant | 2013 |
| Nutrition | Nicole Volhonsteff | Undergraduate | Research assistant | 2013 |
| Nutrition | Jimmie Watkins | Undergraduate | Research assistant | 2013 |
| Nursing | Jynea Watts | Undergraduate | Research assistant | 2013 |
| Nutrition | Angela Wilson | Undergraduate | Research assistant | 2013 |

7. HONORS/AWARDS

- Institute for Social Science Research (ISSR) Affiliate Faculty, 2019-current
- Excellence in Research Award, School of Nutrition and Health Promotion, ASU, 2017.
- Senior Sustainability Scientist, Global Institute of Sustainability, ASU, 2013-current
- Fellow, American Heart Association, Annual 10-day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, 2010.
- Meritorious Student Abstract Award from the Society of Behavioral Medicine, 2008.
- Who's Who in America (61st Edition), 2007.
- International Travel Award (Beijing, China) from SDSU's College of Health and Human Services, 2007
- International Travel Award (Beijing, China) from SDSU's College of Health and Human Services, 2005.
- Travel Award (Sacramento, CA) from the University-wide AIDS Research Program (UARP), 2001.

8. PROFESSIONAL SERVICE

International Level

- *Co-Chair*, Organizing Committee for the 2022 International Society of Behavioral Nutrition and Physical Activity conference in Phoenix, Arizona. May 18-21, 2022.
- *Abstract Reviewer*, International Society of Behavioral Nutrition and Physical Activity conference, 2012 - 2023 (annually)

National Level

- *Mentor-Match Committee Member*, Interdisciplinary Association for Population Health Science. 2021-2023 (3-year term)
- *Mentor to Dr. Adrian Bacong, PhD, MPH*, Stanford University, Interdisciplinary Association for Population Health Science. 2023-ongoing
- *Mentor to Mr. Chris Cobb, MS*, Interdisciplinary Association for Population Health Science. 2022-2023
- *Abstract Reviewer*, American Public Health Association Conference, 2019-2021 (annually)
- *Abstract Reviewer*, Society of Behavioral Medicine Conference, 2012-2022 (annually)
- *Abstract Reviewer*, Active Living Research Conference, 2012-2020 (typically annually, 2021 canceled)
- *Advisory Group Member*, Perceptions of the built environment for the physical activity for the 2015 National Health Interview Survey (NHIS) Cancer Control Supplement, 2013
- *Invited Reviewer*, Active Living Research, Brief on Youth Sedentary Behavior, 2013

National Institutes of Health Study Section Memberships

- NIH Study Section Reviewer, Special Emphasis Panel, Time-Sensitive Obesity Research, ZDK1 GRB, March 2018, October 2018, & April 2021.
- NIH Study Section Reviewer, Special Emphasis Panel, Fellowships: Risks, Prevention and Health Behavior, ZRG1 F16-L20L, March 2020.
- NIH Study Section Reviewer, Nursing and Related Clinical Sciences (NRCS) Special Emphasis Panel, 2017

University Level

- *Member of the Design Team*, ASU President Crow's Initiative on Public Health Technology, 2022-2023
- *Full Board Member*, ASU Institutional Review Board - Social Behavioral, 2021-ongoing (invited)
- *Member*, Barrett Honors Faculty Council, 2021-ongoing (invited)
- *Judge*, Institute for Social Science Research Poster Content, 2020 (invited)
- *First Round Judge*, Change Maker Challenge, 2014 (invited)

College Level

- *Program Director*, Doctoral Program in Population Health, 2021-ongoing.
- *Chair*, Population Health Faculty Search Committee for Assistant Professor, 2021-2022
- *Chair*, Population Health Faculty Search Committee for Associate/Full Professor, 2021-2022
- *Chair*, Curriculum Planning of the Population Health MS degree, 2021-ongoing
- *Chair*, Curriculum Planning of the Population Health PhD degree, 2019-2020
- *Chair*, Geographic Information Sciences and Technologies Affinity Network, 2019-2020.
- *Co-Chair*, Sport Sciences and Technologies Faculty Search Committee, 2019-2020
- *Chair*, Exercise and Nutritional Sciences Progressive Exam Committee for Research Methods, 2015, 2016, 2017, 2018, 2019, 2020
- *Co-Chair*, PANW Doctoral Research Methods Progressive Exam Committee, 2013 to 2014
- *Member*, Design and Innovation Studio for Health (DISH), 2023-ongoing
- *Member*, Adaptive Design Methodologist Search Committee for Open Rank, 2022-2023
- *Member*, CHS Community Advisory Board Planning Committee, 2020-2021
- *Member*, CHS Research Council, 2019-ongoing

- *Member*, CHS Grand Challenges Committee, 2019
- *Member*, Annual Faculty Merit Review Committee, 2019
- *Member*, College of Health Solutions Grant Review Committee, 2019-current
- *Member*, College of Health Solutions Grant Review Committee for the Charter, 2019
- *Barrett Faculty Honors Advisor* (FHA) for EXW, Health Education and Health Promotion, and Public Health students (total 20-35/year), 2016, 2017, 2018, 2019, 2020, 2021, 2022.
- *Member*, Executive Committee, Doctorate in Exercise and Nutritional Sciences, 2017-current
- *Member*, College of Health Solutions Research Council, 2019
- *Member*, College of Health Solutions P&T Committee, 2018
- *Member*, Ad Hoc Committee on Competitive Block Grants for Doctoral Students, 2017
- *Member*, Ad Hoc Task Force, Annual Faculty Merit Review, 2017
- *Member*, Ad Hoc Committee on Policy for Online Course Development, 2016
- *Member*, Annual T/TT Faculty Merit Review Committee, 2012 to 2016 (annually)
- *Member*, Public Health T/TT Faculty Search Committee, 2016
- *Member*, Non-Tenure Eligible Personnel College Committee, 2015
- *Member*, Public Health Curriculum Committee, 2015-2017
- *Site Review Member*, Site Review of our Graduate Program in Public Health by the University of Minnesota's Public Health Faculty and Staff, 2015
- *Member*, Exercise and Wellness (EXW) T/TT Statistician Search Committee, 2016
- *Member*, EXW Lecturer Search Committee, 2015
- *Member*, EXW Master's Curriculum Committee, 2012
- *Member*, EXW Undergraduate Awards Committee, 2012
- *Member*, EXW Events Committee, 2012
- *Member*, Ad Hoc Committee, Technology Transfer, 2012
- *Member*, PANW Doctoral Research Methods Progressive Exam Committee, 2012

9. Editorial Board Service

- Section Editor for BMC Public Health (2015-2019)
- Academic Editor for PLoS ONE (2013-2015)

10. Peer Reviewer for Journals

International Journals

- International Journal of Behavioral Nutrition and Physical Activity (IJBNPA) (**JIF = 5.776**)
- International Journal of Epidemiology (**JIF = 8.848**)
- BMC Public Health (**JIF = 2.746**)
- Health & Place (**JIF = 3.279**)

National Journals

- American Journal of Preventive Medicine (AJPM) (**JIF = 5.590**)
- American Journal of Public Health (AJPH) (**JIF = 5.252**)
- Annals of Behavioral Medicine (**JIF = 4.851**)
- Health Education Research (**JIF = 2.456**)
- Health Psychology (**JIF = 4.443**)
- Journal of the American Medical Association (JAMA) (**JIF = 33.569**)
- Journal of Environmental Psychology (**JIF = 4.147**)
- Journal of Health Education and Behavior (**JIF = 2.612**)
- Journal of Physical Activity and Health (**JIF = 2.455**)
- Journal of Planning Literature (**JIF = 2.480**)
- Journal of Medical Internet Research (JMIR) (**JIF = 5.247**)

- Journal of Urban Health (**JIF = 2.895**)
- Medicine and Science in Sports and Exercise (MSSE) (**JIF = 5.318**)
- PLoS One (**JIF = 3.535**)
- Research Quarterly for Exercise and Sport (**JIF = 2.052**)
- Translational Behavioral Medicine (**JIF = 2.044**)

10.a. Membership in Professional Organizations

International

- Member, International Society for Behavioral Nutrition and Physical Activity, 2012-present
- Member, International Association for Behavior Analysis, 2001-present
- Member, International Society for the Prevention of Tobacco Induced Diseases, 2004

National

- Member, Interdisciplinary Association for Population Health Science, 2021-current
- Member, Society of Behavioral Medicine, 2004-present
- Member, American Public Health Association, 2015-present
- Member, Cambridge Center for Behavioral Studies, 2001-present
- Member, American Heart Association, 2012-2015
- Member, The Obesity Society, 2010-2012
- Member, Society for Research on Nicotine and Tobacco, 2004

11. COMMUNITY COLLABORATORS

- Maricopa County, AZ
- Arizona Department of Education
- Arizona Department of Health Services
- American Heart Association, Tempe, AZ
- Tempe School District, Tempe, AZ
- Mesa School District, Mesa, AZ
- Paideia Academy
- Camelback Academy
- Arizona City Elementary
- Aguilar Elementary
- Reyes Maria Ruiz Leadership Academy
- Franklin Phoenetic Elementary
- Pan American Elementary School
- Leading Edge Maricopa
- Eagle Prep South Phoenix
- Solano Elementary
- Black Mountain
- Beaver Creek Elementary
- Eloy Junior High School
- Madison Meadows Middle School
- Queen Creek Middle School
- St Vincent de Paul Catholic School
- Academia del Pueblo
- Isaac Middle Schools
- High Desert Middle School
- Pensar Academy

- Magma Ranch
- Academy of Math & Science Flower
- Payne Jr. High
- Alice Vail Middle School
- La Plata Middle School
- Coronado High School
- Cactus Shadows High School
- Saguaro High School
- Queen Creek High School
- Pan American High School
- Southgate High School
- Gila Ridge High School
- Yuma High School
- Cesar Chavez High School
- San Manuel High School
- Gateway High School
- Toltecalli High School