Robin DeWeese, PhD, RDN

Assistant Teaching Professor Arizona State University College of Health Solutions

Arizona Biomedical Collaborative, Bldg 1 425 N 5th St Phoenix, AZ 85004 Robin.Deweese@asu.edu

EDUCATION

PhD, Physical Activity, Nutrition, and Wellness (Nutrition policy focus), Arizona State

University, School of Nutrition and Health Promotion, Phoenix, AZ

Dissertation: Designing and testing a short-form survey instrument to evaluate the

healthfulness of corner stores

Chair: Punam Ohri-Vachaspati, PhD, RD

Committee: Meg Bruening, PhD, MPH, RD; Allison Karpyn, PhD; Mike Todd, PhD; Christopher

Wharton, PhD

RDN, Arizona State University, Phoenix, AZ

MS, **Exercise and Wellness**, Arizona State University, College of Nursing and Health Innovation, Mesa, AZ

Thesis: The relationship of fat mass to lower body muscular fitness using isokinetic measures in young and middle-aged women

Chair: Pamela Swan, PhD, FACSM, FTOS

Committee: Chong Lee, EdD, FACSM; Joanna Pabedinskas, PhD, CSCS

BS, Kinesiology, College of Liberal Arts and Sciences, Arizona State University, Tempe, AZ

BS, Secondary Education, Calvary University, Kansas City, MO

ACADEMIC EMPLOYMENT

Assistant Teaching Professor , Arizona State University College of Health Solutions, Phoenix, AZ	2022-present
Research Assistant Professor , Arizona State University College of Health Solutions, Phoenix, AZ	2018-2022
Postdoctoral/Research Scholar , Arizona State University School of Nutrition and Health Promotion, Phoenix, AZ	2015-2017

RESEARCH PUBLICATIONS

- 1. Ohri-Vachaspati P, Acciai F, Melnick EM, Lloyd K, Martinelli S, **DeWeese RS**, DiSantis KI, Tulloch D, DeLia D, Yedidia MJ. Food environments within and outside of schools play a critical role in curtailing the rise in obesity among school-aged children over time. J Nutr. 2023. doi: 10.1016/j.tjnut.2023.09.027
- *Acciai F, *DeWeese RS, *Lloyd K, Yedidia M, Kennedy M, DiSantis K, Tulloch D, Ohri-Vachaspati P. The relationship between changes in neighborhood physical environment and changes in physical activity among children: A prospective cohort study. Int J Behav Nutr Phys Act. 2023;20,82. doi.org/10.1186/s12966-023-01478-2
 *Co-first authors
- 3. **DeWeese RS**, Thompson A, Acciai F, Ohri-Vachaspati P. Farm to school programs in low-income, high minority K-12 schools in New Jersey before and after implementation of the Healthy Hunger Free Kids Act. J Hunger Environ Nutr. 2023. https://doi.org/10.1080/19320248.2023.2184666
- DeWeese RS, Acciai F, Tulloch D, Lloyd K, Yedidia MJ, Ohri-Vachaspati P. Active commuting to school: A longitudinal analysis examining persistence of behavior over time in four New Jersey cities. Prev Med Rep.2022;26:101718. doi.org/10.1016/j.pmedr.2022.101718

Press release: www.rutgers.edu/news/young-children-who-walk-or-bike-school-are-more-likely-continue-habit-they-age

Podcast: podcasts.apple.com/us/podcast/kids-active-commuting-and-long-term-fitness-with/id1157097748?i=1000583269175

- 5. Acciai F, **DeWeese RS**, Yedidia MJ, Lloyd K, Tulloch D, DeLia D, Ohri-Vachaspati P. Differential associations between changes in food environment and changes in BMI among adults living in urban, low-income communities. J Nutr. 2022;152(11):2582-2590. doi.org/10.1093/jn/nxac186
- 6. Melnick EM, **DeWeese RS**, Acciai F, Yedidia MJ, Ohri-Vachaspati P. The community food environment moderates the relationship between active commuting to school and child weight status. J Transp Health. 2022;27:101516. doi.org/10.1016/j.jth.2022.101516
- 7. Ohri-Vachaspati P, Acciai F, **DeWeese RS**. SNAP participation among low-income US households stays stagnant while food insecurity escalates in the months following the COVID-19 pandemic. Prev Med Rep. 2021;24:101555. doi.org/10.1016/j.pmedr.2021.101555
- 8. Acciai F, McCarthy AC, Harper K, Josephson A, Belarmino EH, Niles MT, Bertmann F, Biehl E, **DeWeese R**, Martinelli S, Neff R, Ohri-Vachaspati P. Food insecurity and food assistance program participation in the U.S.: One year into the COVID-19 pandemic. National Food Access and COVID Research Team brief. August 2021. Available at https://hdl.handle.net/2286/R.2.N. 160694
- 9. Ohri-Vachaspati P, DeLia D, Lloyd K, Acciai F, **DeWeese RS**, Todd M, Yedidia MJ. Evidence that changes in community food environments lead to changes in children's weight: Results from a longitudinal prospective cohort study. J Acad Nutr Diet. 2021;121(3):419-434.e9. doi.org/10.1016/j.jand. 2020.10.016

- Press release: www.newswise.com/articles/kids-gain-weight-when-new-convenience-stores-open-nearby
- Eliason J, Acciai F, DeWeese RS, Vega-Lopez S, Ohri-Vachaspati P. Children's consumption patterns and their parent's perception of a healthy diet. Nutrients. 2020;12(8):2322. doi:10.3390/nu12082322
- Steeves S, Acciai F, Tasevska N, DeWeese RS, Yedidia MJ, Ohri-Vachaspati P. The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) spillover effect: Do siblings reap the benefits? J Acad Nutr Diet. 2020;120(8):1288-1294. doi.org/10.1016/j.jand.2020.02.013
- 13. Eliason J, **DeWeese RS**, Acciai F, Vega-Lopez S, Ohri-Vachaspati P. How well do parents assess their children's diet? Curr Dev Nutr. 2019;3(Suppl 1): nzz048. OR03-06-19. doi.org/10.1093/cdn/nzz048.OR03-06-19
- 14. Ohri-Vachaspati P, **DeWeese RS**, Acciai F, DeLia D, Tulloch D, Tong D, Lorts C, Yedidia MJ. Healthy food access in low-income high-minority communities: A longitudinal assessment 2009 2017. Int J Environ Res Public Health. 2019;16(13), 2354. doi:10.3390/ijerph16132354
- 15. Acciai F, Yedidia MJ, Martinelli S, **DeWeese RS**, Ohri-Vachaspati P. School food and physical activity environment: A longitudinal analysis of four school districts in New Jersey. J Adolesc Health. 2019;65(2):216-223. doi.org/10.1016/j.jadohealth.2019.01.006
- Karpyn A, **DeWeese RS**, Pelletier J, Laska M, Ohri-Vachaspati P, Deahl-Greenlaw A, Ughwanogho R, Jilcott Pitts S. Examining the feasibility of healthy minimum stocking standards for small food stores. J Acad Nutr Diet. 2018;118(9):1655-1663. doi:10.1016/j.jand.2017.12.006
- 17. **DeWeese RS**, Ohri-Vachaspati P, Adams MA, Kurka J, Han SY, Todd M, Yedidia MJ. Patterns of food and physical activity environments related to children's food and activity behaviors: A latent class analysis. Health Place. 2018;49:19-29. doi.org/10.1016/j.healthplace.2017.11.002
- 18. Gruner J, Ohri-Vachaspati P, Lorts C, **DeWeese RS**, Yedidia MJ. Predicted impact of the Food and Drug Administration's menu labeling regulations on restaurants in 4 New Jersey cities. Am J Public Health. 2018;108(2). doi:10.2105/AJPH.2017.304162
- 19. **DeWeese RS**, Todd M, Karpyn A, Yedidia M, Kennedy M, Bruening M, Wharton C, Ohri-Vachaspati P. Short-form audit instrument for assessing corner store healthfulness. Am J Health Promot. 2018;32(1):224-232. doi:10.1177/0890117116679059

- DeWeese RS, Ohri-Vachaspati P. Cost of children's healthy versus unhealthy snacks does not differ at convenience stores. J Nutr Educ Behav. 2017;49(3):241-243.e1. doi:10.1016/jneb.2016.11.006
- 21. **DeWeese RS**, Todd M, Karpyn A, Yedidia M, Kennedy M, Bruening M, Wharton C, Ohri-Vachaspati P. Healthy store programs and the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), but not the Supplemental Nutrition Assistance Program (SNAP), are associated with corner store healthfulness. Prev Med Rep. 2016;4:256-261. doi:10.1016/j.pmedr.2016.06.018
- 22. Gruner J, **DeWeese RS**, Ohri-Vachaspati P. Finding winnable strategies to expand the reach of the Fresh Fruit and Vegetable Program beyond school settings. Phoenix, AZ: School of Nutrition and Health Promotion, Arizona State University; 2016. Available at asufoodpolicy.files.wordpress.com/2016/12/ffvp_report_dec2016_mcdph.pdf
- 23. **DeWeese RS**, Ohri-Vachaspati P. The role of distance in examining the association between active commuting to school and students' weight status. J Phys Act Health. 2015;12:1280-1288. doi:10.1123/jpah.2014-0100
- 24. **DeWeese R**, Ohri-Vachaspati P. Improving access to healthy food for all. The Digest Public Health/Community Nutrition newsletter. Summer 2015. Available at www.phcnpg.org/page/newsletters
- 25. Ohri-Vachaspati P, DeLia D, **DeWeese RS**, Crespo NC, Todd M, Yedidia M. The relative contribution of layers of the social ecological model to childhood obesity. Public Health Nutr. 2015;18(11):2055-2066. doi:10.1017/S1368980014002365
- 26. **DeWeese RS**, Yedidia M, Tulloch D, Ohri-Vachaspati P. Neighborhood perceptions and active school commuting in low-income cities. Am J Prev Med. 2013; 45(4):393-400. doi:10.1016/j.amepre.2013.04.023
- 27. Ohri-Vachaspati P, Wharton C, **DeWeese R**, Tucker W. Policy considerations for improving the Supplemental Nutrition Assistance Program (SNAP): Making a case for decreasing the burden of obesity. A white paper submitted to Arizona Department of Health. 2011. Available at azdhs.gov/documents/prevention/nutrition-physical-activity/nutrition-physical-activity-obesity/snap-white-paper.pdf

Manuscripts in preparation

Brown T, **DeWeese RS**, Acciai F, Martinelli S, Ohri-Vachaspati P. Does the Community Eligibility Provision decrease reliance on competitive foods in schools?

PRESENTATIONS

Oral

DeWeese R, Acciai F, Lloyd K, Yedidia M, Kennedy M, DiSantis K, Tulloch D, Ohri-Vachaspati P. The relationship between changes in neighborhood physical environment and changes in

physical activity among children: A prospective cohort study. American Public Health Association Annual Meeting, Atlanta, GA, November 12-15, 2023.

DeWeese R, Acciai F, Lloyd K, Yedidia M, Tulloch D, Ohri-Vachaspati P. Upgrades to existing physical activity environments improve children's activity levels. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Phoenix, AZ, May 18-21, 2022.

Ohri-Vachaspati P, Acciai F, Martinelli S, **DeWeese R**. Stagnant SNAP participation accompanied escalating food insecurity: A post-COVID analysis of vulnerable households in Arizona and nationally. American Public Health Association Annual Meeting, Denver, CO, October 23-27, 2021.

Ohri-Vachaspati P, Acciai F, Lloyd K, Tulloch D, **DeWeese R**, DeLia D, Todd M, Yedidia M. Changes in food environments near children's homes can significantly impact children's BMI – Evidence from a longitudinal study. American Public Health Association Annual Meeting. Virtual, October 24-28, 2020.

DeWeese R, Ohri-Vachaspati P. Can healthy corner stores be sustained over time? The Obesity Society Obesity Week Annual Meeting, Las Vegas, NV, November 5-7, 2019.

Eliason J, **DeWeese R**, Vega-Lopez S, Acciai F, Ohri-Vachaspati P. How well do parents assess their children's diet? American Society for Nutrition Annual Meeting, Baltimore, MD, June 8-11, 2019

Acciai F, Martinelli S, Ohri-Vachaspati P, **DeWeese R**, Yedidia M. School food and physical activity environment: A longitudinal analysis of four school districts in New Jersey. American Public Health Association Annual Meeting, San Diego, CA, November 10-14, 2018.

Steeves S, Acciai F, Tasevska N, **DeWeese R**, Ohri-Vachaspati P. WIC spillover effect: Do siblings reap the benefits? American Society for Nutrition Annual Conference, Boston, MA, June 8-11, 2018.

DeWeese R, Ohri-Vachaspati P. Disparities in healthy food access: Are we improving? Experimental Biology Annual Meeting, Chicago, IL, April 22-26, 2017.

Karpyn A, **DeWeese R**, Pelletier J, Laska M, Ohri-Vachaspati P, Deahl-Greenlaw A, Ughwanogho R, Jilcott Pitts S. Examining the feasibility of healthy minimum stocking standards for small food stores. Healthy Eating Research 11th Annual Grantee Meeting, St. Paul, MN, April 19-21, 2017.

DeWeese R, Ohri-Vachaspati P, Adams M, Kurka J, Han SY, Yedidia MJ. Using latent class analysis to examine associations between food and physical activity environmental patterns and children's food and activity behaviors. American Public Health Association Annual Meeting, Denver, CO, October 29 – November 2, 2016.

Gruner J, **DeWeese R**, Lorts C, Ohri-Vachaspati P. Menu labeling: The policy that will be heard but not seen. American Public Health Association Annual Meeting, Denver, CO, October 29 – November 2, 2016.

Kennedy M, Yedidia MJ, Mazzilli K, DeWeese R, Cruz R, Vaudrin N, Ohri-Vachaspati P. A

systematic approach to capturing changes in the built environment for longitudinal studies. American Public Health Association Annual Meeting, Denver, CO, October 29 – November 2, 2016.

DeWeese R, Todd M, Kennedy M, Karpyn A, Yedidia M, Bruening M, Wharton C Ohri-Vachaspati P. A more efficient method of assessing corner store healthfulness. Experimental Biology Annual Meeting, San Diego, CA, April 2-6, 2016.

DeWeese R, Todd M, Kennedy M, Karpyn A, Yedidia M, Bruening M, Wharton C Ohri-Vachaspati P. Developing a brief corner store audit instrument. National Institute of Food and Agriculture fellowship grant program project directors' meeting, Washington, DC, August 4, 5, 2015.

DeWeese R. Preparing healthy meals. Lunch and Learn series, First Baptist Church of Scottsdale, Scottsdale, AZ, March 29, 2015.

DeWeese R, Ohri-Vachaspati P. Child weight status moderates association between active commuting to school and parental perceptions of the environment. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, San Diego, CA, May 21-24, 2014.

DeWeese R. Top ten nutrition myths and tips. Westminster Scholar Series, Westminster College, Mesa, AZ, November 8, 2013.

DeWeese R, Ohri-Vachaspati P. Active commuting to school as a strategy to prevent overweight and obesity in youth. 141st American Public Health Association Annual Meeting, Boston, MA, October 31-November 6, 2013.

DeWeese R, Ohri-Vachaspati P. Policy and environmental strategies to promote active commuting to school. Arizona State University School of Nutrition and Health Promotion seminar series, Phoenix, AZ, September 12, 2013.

Poster

DeWeese R, Acciai F, Yedidia M, Ohri-Vachaspati O. Active commuting to school over time: Evidence from four school districts in New Jersey. American Public Health Association Annual Meeting, Virtual, October 24-28, 2020. (Presented as a recorded video)

DeWeese R, Todd M, Kennedy M, Karpyn A, Yedidia M, Bruening M, Wharton C Ohri-Vachaspati P. A more efficient method of assessing corner store healthfulness. Experimental Biology Annual Meeting, San Diego, CA, April 2-6, 2016.

DeWeese R, Todd M, Kennedy M, Karpyn A, Yedidia M, Bruening M, Wharton C Ohri-Vachaspati P. Healthy store programs and WIC, but not SNAP, are associated with corner store healthfulness. Experimental Biology Annual Meeting, San Diego, CA, April 2-6, 2016.

DeWeese R, Ohri-Vachaspati P. Healthy and unhealthy snack prices in corner stores: A comparative analysis. Experimental Biology Annual Meeting, San Diego, CA, April 2-6, 2016.

DeWeese R, Kennedy M, Ohri-Vachaspati P. Difference in price of healthy vs unhealthy snacks in corner stores by neighborhood characteristics. 36th Society of Behavioral Medicine Annual Meeting, San Antonio, TX, April 22-25, 2015.

DeWeese R, Yedidia M, Ohri-Vachaspati P. Determinants and health benefits of active commuting to school. Moving Active Transportation to Higher Ground conference, Washington, DC. April 13. 14. 2015.

Ohri-Vachaspati P, DeLia D, **DeWeese R**, Crespo NC, Todd M, Yedidia MJ. The relative contribution of layers of the social ecological model to childhood obesity. Academy Health Annual Research Meeting, San Diego, CA, June 10, 2014.

DeWeese R, Cassinat R, Jimenez G, Lacagnina G, Nielsen A, Ohri-Vachaspati P. Methods for reclassifying commercial food data. Arizona Public Health Association Spring Conference, Tempe, AZ, April 11, 2014.

DeWeese R, Ohri-Vachaspati. Factors associated with children's walking or biking to school. 59th American College of Sports Medicine Annual Meeting, San Francisco, CA, May 29-June 2, 2012.

Swan P, **DeWeese R**. Relationship of body composition and muscular strength in young and middle-aged women. 59th American College of Sports Medicine Annual Meeting, San Francisco, CA, May 29-June 2, 2012.

GRANTS

Funding agency: National Institute of Child Health and Human Development

Amount: \$3.85 million

Dates: October 1, 2020 – September 30, 2025

Role: Co-investigator

Title: The impact of COVID-19 related school closures on children's weight status

Funding agency: Robert Wood Johnson Foundation Healthy Eating Research (subcontract

from University of Delaware) Amount: \$10,000 Dates: March 1, 2016 – September 30, 2016

Role: Project Director (Per University policy, postdoctoral fellows cannot serve as Pl's) **Title**: Understanding implementation feasibility of recommendations for minimum stocking standards and marketing strategies for small retail food stores

Funding agency: Maricopa County Public Health Department: USDA Supplemental Nutrition

Assistance Program Amount: \$5000

Dates: September 1, 2016 - September 30, 2016

Role: Project Director (Per University policy, postdoctoral fellows cannot serve as Pl's)

Title: An assessment of corner stores in Phoenix

Funding agency: US Department of Agriculture National Institute of Food and Agriculture

Amount: \$39,500

Dates: September 1, 2014 – August 31, 2015 **Role**: Project Director (Predoctoral fellowship)

Title: Designing a short-form survey instrument to evaluate the healthfulness of corner stores

TEACHING AND MENTORING

Courses Taught

Graduate • Survey

auu	<u>ale</u>	
•	Survey Research Methods	
	Online	2018-23
	In-person	2016
•	Applied Project Part 2 - Online	2023
•	Introduction to Obesity Prevention and Management	2017

<u>Undergraduate</u>

•	Optimizing Health & Performance	
	ASU Sync	F 2020; Sp 2021
	Hybrid in-person	2021-2023
•	Introduction to Evidence-Based Practice - Online	F 2019, 20; Sp 2020, 22
•	The Western Diet - Online	Sp 2021
•	Cardiovascular Instructional Competency	S 2014
•	Physiological Foundations of Movement lab	S 2011
•	Weight training	F 2010, Sp 2011
•	Physical Conditioning	F 2010

Students Mentored

Student	Program	Degree	Committee Role	Date of Defense
Moeller, M	ASU Nutritional Science	MS	Member	Spring 2023
Wiley, S	Barrett, the Honors College	BS	Member	Summer 2022
Fowler, J	ASU Nutritional Science Dietetics	MS	Chair	Fall 2021
Eliason, J	ASU Obesity Prevention and Management	MS	Member	Spring 2019
Steeves, S	ASU Nutritional Science	MS	Member	Fall 2018
Wehunt, H	ASU Nutritional Science Dietetics	MS	Chair	Summer 2018
Acosta Ortiz, M	ASU Obesity Prevention and Management	MS	Member	Spring 2018

Garcia, G	Rutgers Health Systems and Policy	MPH	Site Preceptor	Spring 2015
Dent, K	Rutgers Health Systems and Policy	MPH	Site Preceptor	Summer 2014
Itidiare, M	Rutgers Health Systems and Policy	MPH	Site Preceptor	Summer 2014

Teaching Assistants Mentored

Student	Role	Class	Semester
Suzanne Willyerd	Graduate student assistant	CHS 100 Optimizing Health & Performance; NTR 100 Intro to Nutrition	Fall 2023
Rachel Kludy	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2023
Brianna Le	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2023
Aisha Sadaat	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2023
Noelle Roseman	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2022
Christina Dandridge	Graduate student assistant	NTR 290 Intro Evidence- Based Research	Spring 2022
Leah Aguero	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2022 Fall 2022
Jillian Coronato	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2022
На Do	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2022 Fall 2022
Jordan Fakhoury	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2022 Fall 2022
Sopheaktra Yin	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2022
Alexander Belnavis	Graduate student assistant	CHS 100 Optimizing Health & Performance	Fall 2021

Melissa Moore	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2021
Alyssa Martin	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Spring 2021
Sonia Navarro	Graduate student assistant	NTR 353 The Western Diet	Spring 2021
Kryssten Becerra	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2020 Spring 2021
Gabriel Lopez	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2020
Josue Gonzalez	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2020
Averi Norman	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2020
Kaylee Bassler	Undergraduate teaching assistant	CHS 100 Optimizing Health & Performance	Fall 2020

AWARDS

Sun Award, Supporting student success Sun Award, Exemplary service Volunteer of the Year, Mesa United Way Dr. Christine Wells Outstanding Graduate Researcher Award, Arizona State University, \$500	2022 2022 2019 2015
John and Elizabeth Ainsworth PANW Student Travel Award, Arizona State University, \$300	2014
John and Elizabeth Ainsworth PANW Student Travel Award, Arizona State University \$250	2013
1 st place, Get Moving! student video contest, 59 th American College of Sports Medicine Annual Meeting, \$1000	2013
Lloyd E. Burton Scholarship, Arizona Public Health Association, \$500	2012

PROFESSIONAL SERVICE

Department of Economic Security's Hunger Advisory Council Member	2019-2022
Central Arizona Academy of Nutrition and Dietetics Events Chair	2018-2019
Abstract reviewer for American Public Health Association Annual Meetings	

Journal Reviewer

American Journal of Health Promotion

American Journal of Public Health
BMC Public Health
Clinical Medicine Insights: Pediatrics
International Journal of Environmental Health Research
Health Promotion Practice
International Journal of Environmental Research and Public Health
Journal of the American College of Nutrition
Health & Place
Journal of Nutrition Education and Behavior
Nutrients
Public Health Nutrition
PLOS ONE

PROFESSIONAL AFFILIATIONS

Academy of Nutrition and Dietetics American Society for Nutrition American Public Health Association

Member of Food and Nutrition section
 Arizona Public Health Association