

Heather R. Farmer, Ph.D.

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ACADEMIC APPOINTMENTS

- 2020- Assistant Professor, Department of Human Development and Family Sciences, University of Delaware
- 2018- NIH Postdoctoral Fellowship, Center for the Study of Aging and Human Development, Duke University
Mentor: Dr. Matthew E. Dupre

EDUCATION

- 2013-2018 Ph.D., Biobehavioral Health, The Pennsylvania State University
Minor, Demography
Dissertation title: “An Intersectional Perspective on the Relationships Among Social Status, Self-Reported Discrimination, and Low-Grade C-Reactive Protein in the Health and Retirement Study.”
Committee: Drs. Linda A. Wray (Chair), Laura C. Klein, Sonia A. Cavigelli, Steven A. Haas, José Soto
- 2005-2012 B.A., Gerontology, University of South Florida
- 2005-2012 B.S., Public Health, University of South Florida

PROFESSIONAL HONORS AND AWARDS

- 2019 Sloan Scholars Mentoring Network Boot Camp, Atlanta, GA
- 2016 RAND Summer Institute Scholarship, Santa Monica, CA
- 2015 - 2018 Eugene W. and Lucy Kemmerer Lederer Memorial Scholarship, College of Health and Human Development, The Pennsylvania State University
- 2013 - 2015 Graduate Student Travel Award, Department of Biobehavioral Health, The Pennsylvania State University
- 2013 - 2016 Bunton-Waller Award, College of Health and Human Development, The Pennsylvania State University
- 2012 Healthy People Penn State Conference and Expo, College of Health and Human Development, The Pennsylvania State University
- 2012 Recognized Student Ambassador, Annual Awards and Preceptor’s Reception, School of Aging Studies, University of South Florida
- 2011 - 2012 Dean’s List, College of Behavioral and Community Sciences, University of South Florida
- 2005 - 2012 Bright Futures Medallion Scholarship, Florida Department of Education

GRANTS AND FUNDING

- 2020 National Institute on Minority Health and Health Disparities (3U54MD007595-12S1)

“Examining Associations between Neighborhood Conditions, C-Reactive Protein, and Psychosocial Resiliency Factors in Cognitive Impairment among Diverse US Older Adults.”

Role: Consultant, with Thierry (PI)

2020 Social Science Extreme Events Research (SSEER) Network and the CONVERGE facility, National Hazards Center, University of Colorado-Boulder, National Science Foundation (1841338)

“Puerto Ricans and COVID-19”

Role: Working Group Member, with García (Lead)

2020-2021 Department of Biobehavioral Health Seed Grant, The Pennsylvania State University
“Women, Intersectionality, Stress, Resilience, and Health (WISER Health).”

Role: Co-Investigator, with Wray (PI)

2019 - 2020 REACH Equity Award, Duke University, National Institute on Minority Health and Health Disparities (U54MD012530)

“Leveraging Patient-Reported Data to Address Racial Disparities in 30-Day Readmission in Adults with Cardiovascular Disease.”

Role: Co-Investigator, with Dupre (PI)

2018 - 2020 NIH/NIA T32 Fellowship, Center for the Study of Aging and Human Development, Duke University (T32-AG000029)

“Behavior and Physiology in Aging.”

Role: Trainee, with Cohen (PI)

2015 - 2018 Alfred P. Sloan University Center for Exemplary Mentoring Scholarship, Alfred P. Sloan Foundation, The Pennsylvania State University

Role: Awardee

PEER-REVIEWED PUBLICATIONS

Farmer, Heather R., Linda A. Wray, & Steven A. Haas. Race, Gender, and Socioeconomic Variations in C-Reactive Protein Using the Health and Retirement Study. (Accepted at *The Journals of Gerontology, Series B: Social Sciences*).

Farmer, Heather R., Linda A. Wray, Ying Xian, Hanzhang Xu, Neha Pagidipati, Eric D. Peterson, & Matthew E. Dupre. (2019). Racial Differences in Elevated C-Reactive Protein Among U.S. Older Adults. *Journal of the American Geriatrics Society*, 68, 362-369. doi: 10.1111/jgs.16187

Farmer, Heather R., Hanzhang Xu, & Matthew E. Dupre. (2019). Self-Efficacy. *Encyclopedia of Gerontology and Population Aging* (Springer).

Farmer, Heather R., Linda A. Wray, & Jason R. Thomas. (2019). Race and Everyday Discrimination on Mortality Risk in the Health and Retirement Study. *Gerontology & Geriatric Medicine* (Special Issue on Aging in Diverse Populations).

Baker, Tamara A., Rosalyn Roker, **Heather R. Collins-Farmer**, Vicki Johnson-Lawrence, Roland J. Thorpe, Chivon Mingo, & Elizabeth Vasquez. (2016). Beyond Race and Gender: Measuring Behavioral and Social Indicators of Pain Treatment Satisfaction in Older Black and White Cancer

Patients. *Gerontology & Geriatric Medicine*.

MANUSCRIPTS UNDER REVIEW

Xu, Hanzhang, **Heather R. Farmer**, Bradi Granger, Kevin Thomas, Eric Peterson, & Matthew E. Dupre. 30-day Readmission in Patients with Cardiovascular Disease: Do Patients Know Their Risk Before Discharge? (Revise and resubmit at *Circulation: Cardiovascular Quality and Outcomes*)

Dupre, Matthew E., Heather R. Farmer, Hanzhang Xu, Ann Marie Navar, Michael G. Nanna, Lina K. George, & Eric D. Peterson. Chronic Stress and Risks for Myocardial Infarction in U.S. Adults. (Under review at *New England Journal of Medicine*).

Farmer, Heather R., Matthew E. Dupre, & Hanzhang Xu. Racial Differences in 30-Day Readmission Risk in Patients with Cardiovascular Disease. (Under review at *American Heart Journal*).

MANUSCRIPTS IN PROGRESS

Armendariz, Marina, **Heather R. Farmer**, & Linda A. Wray. Nativity, Duration of Residence in the United States, and C-Reactive Protein in Mexican Middle-Aged and Older Adults. (in preparation for *The Gerontologist*).

Cobb, Ryon J., & Heather R. Farmer. Everyday Discrimination and All-Cause Mortality: An Exploration of Mediating Biopsychosocial Factors. (in preparation for *The Journals of Gerontology, Series A: Medical Sciences*).

Farmer, Heather R., Matthew E. Dupre, & Hanzhang Xu. Everyday Discrimination and Trajectories of Blood Pressure in U.S. Older Adults. (in preparation for *The Journals of Gerontology, Series A: Medical Sciences*).

Farmer, Heather R., Danica Slavish, John Ruiz, Kimberly Kelly, Camilo Ruggero, Jessica Dietch, Brett Messman & Daniel Taylor. The Association Between Chronic Stress and Intraindividual Variation in Sleep with Inflammatory Markers by Race. (in preparation for *Journal of Behavioral Medicine*).

Thierry, Amy D., **Heather R. Farmer**, Marina Armendariz, & Linda A. Wray. Impact of Life Course Socioeconomic Status and Chronic Stress on C-Reactive Protein in Later Life. (in preparation for *The Gerontologist*).

PRESENTATIONS AT SCIENTIFIC AND PROFESSIONAL MEETINGS

Farmer, Heather R., Hanzhang Xu, Ann Marie Navar, Michael Nanna, Linda K. George, & Matthew E. Dupre. (2020). Chronic Stress and Risks for Myocardial Infarction in U.S. Adults. Poster abstract accepted for the Gerontological Society of America Annual Meeting.

Xu, Hanzhang, **Heather R. Farmer**, Bradi B. Granger, & Matthew E. Dupre. (2019). 30-Day Readmission in Patients with Cardiovascular Disease: Do Patients Know Their Risk Before Discharge? Poster abstract accepted for the Gerontological Society of America Annual Meeting, Austin, TX.

- Farmer, Heather R.,** & Amy D. Thierry. (2019). Exploring the Multidimensional Biopsychosocial Pathways Linking Social Status and Health Among Older Adults. Symposium abstract accepted for the Gerontological Society of America Annual Meeting, Austin, TX.
- Mueller, Collin, & **Heather R. Farmer.** (2019). Racial/Ethnic Disparities in Healthcare Satisfaction. Symposium abstract accepted for the Gerontological Society of America Annual Meeting, Austin, TX.
- Farmer, Heather R.,** Linda A. Wray, Ying Xian, Hanzhang Xu, Neha Pagidipati, Eric D. Peterson, & Matthew E. Dupre. (2019). Racial Differences in Elevated C-Reactive Protein Among U.S. Older Adults. Symposium presented at the Gerontological Society of America Annual Meeting, Austin, TX.
- Farmer, Heather R.,** & Linda A. Wray. (2018). Race and Everyday Discrimination on Mortality Risk in the Health and Retirement Study. Poster presented at the Gerontological Society of America Annual Meeting, Boston, MA.
- Thierry, Amy D., **Heather R. Farmer,** Marina Armendariz, & Linda A. Wray. (2018). Impact of Life Course Socioeconomic Status on CRP in Later Life. Poster presented at the Population Association of America Annual Meeting, Denver, CO.
- Collins-Farmer, Heather R.,** Linda A. Wray, & Duane F. Alwin. (2017). Socioeconomic Factors and the Black-White Difference in C-Reactive Protein: Evidence from the Health and Retirement Study. Paper presented at the Lives of Color: Race-ethnicity and the Life Course conference, University Park, PA.
- Collins-Farmer, Heather R.,** Linda A. Wray, & Jason R. Thomas. (2017). Everyday Discrimination is Associated with All-Cause Mortality: Evidence from the Health and Retirement Study. Paper presented at the American Sociological Association Annual Meeting, Montreal, Canada.
- Collins-Farmer, Heather R.,** & Amy D. Thierry. (2016). A Biobehavioral Approach to Health in Midlife and Older Ages. Symposium presented at the 21st International Association of Gerontology and Geriatrics World Congress Meeting.
- Collins-Farmer, Heather R.,** & Linda A. Wray. (2016). An Examination of the Biopsychosocial Mechanisms Linking Race to All-Cause Mortality. Symposium presented at the 21st International Association of Gerontology and Geriatrics World Congress Meeting.
- Armendariz, Marina, **Heather R. Collins-Farmer,** Amy D. Thierry, & Linda A. Wray. (2016). Examining the Hispanic Paradox in C-Reactive Protein (CRP) in Middle-Aged and Older Americans. Symposium presented at the 21st International Association of Gerontology and Geriatrics World Congress Meeting.
- Collins-Farmer, Heather R.,** & Linda A. Wray. (2016). Social Status and C-Reactive Protein: An Intersectional Approach. Poster presented at the Gerontological Society of America Annual Meeting, New Orleans, LA.
- Collins-Farmer, Heather R.,** Linda A. Wray, & Duane F. Alwin. (2016). Socioeconomic Factors and the Black-White Difference in C-Reactive Protein: Evidence from the Health and Retirement Study. Paper presented at the American Sociological Association Annual Meeting, Medical

Sociology Regular Session, Seattle, WA.

Collins-Farmer, Heather R. & Linda A. Wray. (2015). The Effect of Parental Education on Everyday Discrimination and C-Reactive Protein. Symposium paper presented at the Gerontological Society of America Annual Meeting, Orlando, FL.

Collins-Farmer, Heather R., & Linda A. Wray. (2015). The Relationship Between C-Reactive Protein and Perceived Everyday Discrimination in Black and White Adults. Paper presented at the American Sociological Association Annual Meeting, Section on Medical Sociology Roundtable, Chicago, IL.

Collins-Farmer, Heather R., & Linda A. Wray. (2015). Perceived Everyday Discrimination and C-Reactive Protein in Middle-Aged and Older Adults. Poster presented at the College of Health and Human Development and College of Nursing Annual Interdisciplinary Research Forum and Social. University Park, PA.

Collins, Heather R., & Linda A. Wray. (2014). Perceived Everyday Discrimination and C-Reactive Protein in Middle-Aged and Older Adults. Poster presented at the Gerontological Society of America Annual Meeting, Washington, DC.

Collins, Heather R., Rosalyn Roker, & Tamara A. Baker. (2013). Does it Matter if I'm Satisfied? Predictors of Satisfaction with Pain Treatment in Older Cancer Patients. Poster presented at the American Pain Society Annual Meeting, New Orleans, LA.

Collins, Heather R., Jessica L. Krok, & Tamara A. Baker. (2012). The Relationship Between Pain Indicators and Self-Efficacy among Older Black And White Adults with Cancer. Poster presented at the Moffitt Cancer Center Scientific Symposium, Tampa, FL.

Collins, Heather R., Jessica L. Krok, & Tamara A. Baker. (2012). The Relationship Between Pain Indicators and Self-Efficacy among Older Black and White Adults with Cancer. Poster presented at the Society of Behavioral Medicine Annual Meeting, New Orleans, LA.

Collins, Heather R., Jessica L. Krok, & Tamara A. Baker. (2012). The Relationship Between Pain Indicators and Self-Efficacy among Older Black and White Adults with Cancer. Poster presented at the University of South Florida's Undergraduate Research and Arts Colloquium, Tampa, FL.

INVITED CAMPUS/DEPARTMENTAL TALKS

Farmer, Heather R. (Anticipated October 2020). An Overview of the Postdoctoral Fellowship. Department of Gerontology, University of Massachusetts-Boston.

Farmer, Heather R. & Matthew E. Dupre. (2019). Leveraging Patient-Reported Data to Address Racial Differences in 30-Day Readmission of Patients with Cardiovascular Disease. REACH Equity Works in Progress Seminar, Duke University.

TEACHING EXPERIENCE

Instructor, Department of Human Development & Family Sciences

University of Delaware, College of Education and Human Development, Newark, DE

Fall 2020 HDFS 328: Introduction to the research Process

Instructor, Department of Biobehavioral Health

The Pennsylvania State University, College of Health and Human Development at University Park, PA

Spring 2018 BBH 119: Behavior, Health, and Disease

Fall 2017 WC BBH 315: Gender and Biobehavioral Health

Summer 2015 BBH 101: Introduction to Biobehavioral Health

Teaching Assistant Department of Biobehavioral Health

The Pennsylvania State University, College of Health and Human Development at University Park, PA

Spring 2016 BBH 411W: Research and Applications in BBH Honors (Lab instructor)

Fall 2015 BBH 411W: Research and Applications in BBH (Lab instructor)

Spring 2015 BBH 101: Introduction to Biobehavioral Health

BBH 301: Values and Ethics in Biobehavioral Health Research and Practice

Fall 2014 BBH 416: Health Promotion II: Planning and Implementation

BBH 302: Diversity and Health

PROFESSIONAL AFFILIATIONS

2012 - Gerontological Society of America (*Behavioral and Social Sciences*)

2012 - 2013 American Sociological Association (*Medical Sociology; Aging and the Life Course*)

2013 - 2018 American Public Health Association (*Aging and Public Health; Epidemiology*)

2015 - National Center for Faculty Development & Diversity

PROFESSIONAL SERVICE AND COMMITTEES

2019 - **Section Editor**, "Resilience" in *Encyclopedia of Gerontology and Population Aging*, edited by Drs. Matthew Dupre and Danan Gu. New York: Springer Publishing.

2019 **Symposium Organizer**, Gerontological Society of America

2019 **Panelist**, Gerontological Society of America, Emerging Scholar and Professional Organization, Austin, TX

2018 - **Ad Hoc Journal Reviewer**, *Journals of Gerontology: Social Sciences, Journal of Aging and Health, Ethnicity and Health*

2016 **Panelist**, College of Health and Human Development Student Council, The Pennsylvania State University, University Park, PA

2016 **Coordination Assistant**, 2nd Annual Interdisciplinary Population Health Conference: Persistent and Emerging Issues in Population Health Science, Population Research Institute, The Pennsylvania State University, University Park, PA

2016 **Committee Member**, Graduate Student Orientation, Department of Biobehavioral

Health, The Pennsylvania State University, University Park, PA

- 2015 - 2016 **Committee Member**, 21st Annual Graduate Student Methods Workshop, Population Research Institute, The Pennsylvania State University, University Park, PA
- 2014 - 2018 **Committee Member**, College of Health and Human Development/College of Nursing Diversity Task Force at The Pennsylvania State University, University Park, PA
- 2013 - 2018 **Organizer**, Healthy People Penn State Conference and Expo, College of Health and Human Development, The Pennsylvania State University, University Park, PA

RESEARCH, STATISTICAL, & PROFESSIONAL TRAINING

- 2020 Optimizing Mentoring Experiences, Resource Centers for Minority Aging Research (RCMAR)
- 2019 22nd Annual National Institute on Environmental Health Sciences (NIEHS) Biomedical Career Symposium
- 2019 Multilevel/Longitudinal Modeling Using Stata, Duke University Population Research Institute
- 2017 Lives of Color: Race-ethnicity and the Life Course
- 2016 2nd Annual Interdisciplinary Population Health Conference: Persistent and Emerging Issues in Population Health Science
- 2016 RAND Summer Institute Mini-Medical Workshop and Demography, Economics, Psychology, and Epidemiology of Aging Conference
- 2016 23rd Annual Population Research Institute Graduate Student Methods Workshop on Agent-Based Modeling, Department of Sociology, The Pennsylvania State University
- 2015 - 2016 Institute on Teaching and Mentoring, Southern Regional Education Board
- 2015 NRSA/NIH Grant Writing Preparation, Department of Biobehavioral Health, The Pennsylvania State University
- 2015 Workshop on Race and Racism, Department of Sociology, The Pennsylvania State University
- 2014 Workshop on Life Course and Aging, Department of Sociology, The Pennsylvania State University
- 2012 Healthy People Penn State Conference and Expo, College of Health and Human Development, The Pennsylvania State University