

Aarti C. Bhat

Human Development and Family Studies | Center for Healthy Aging
405 Biobehavioral Health (BBH) Building, University Park, PA, 16802
e-mail: acb6009@psu.edu | twitter: [@aarti_bhat](https://twitter.com/aarti_bhat)

Education

PhD in Human Development and Family Studies and Demography (2024, expected)

Certificate in Translational Science

The Pennsylvania State University

Specialization: stress pathways and life course health

Advisor: Dr. David M. Almeida

Marjorie M. Knoll Distinguished Graduate Fellow

BS in Human Development and Family Sciences, BA in Plan II Honors, Summa Cum Laude (2018)

Minor in Sociology

Certificates in Evidence & Inquiry and Global Business Foundations

The University of Texas at Austin

Thesis: Paternal and Maternal Relationship and C-Reactive Protein and Glucose Levels: Effects and Moderating Factors

Advisor: Dr. Aprile D. Benner

Honors and Awards

1. Pre-doctoral fellow, Social Environments and Population Health T32 Training Program, funded by the National Institutes of Health (2020-2022)
2. Marjorie M. Knoll Distinguished Graduate Fellow in the College of Health and Human Development (2019-2020)
3. Plan II Distinguished Graduate (2018)
4. Recipient of Carolyn Frost Keenan Endowed Scholarship in Human Ecology (2017-2018)
5. Ford Foundation Predoctoral Fellowship Honorable Mention (2020)
6. Recipient of PRI Travel Award (2020)
7. Recipient of Plan II Honors Continuing & Plan II Honors EPS Scholarship (2016, 2017)

Research Interests

Understanding how socioeconomic and racial adversity across the life course creates health disparities in adulthood.

Scholarly Publications

Peer-Reviewed Publications

1. Long, K., Silva, D. C. D., Dias, F. F., Khoeini, S., **Bhat, A. C.**, Pendyala, R. M., & Bhat, C. R. (2019). Role of Childhood Context and Experience in Shaping Activity-Travel Choices in Adulthood. *Transportation Research Record: Journal of the Transportation Research Board*, 2673(7), 575–585. doi: 10.1177/0361198119840338
2. Bhat, C. R., Astroza, S., & **Bhat, A. C.** (2016). On allowing a general form for unobserved heterogeneity in the multiple discrete–continuous probit model: Formulation and application to tourism travel. *Transportation Research Part B: Methodological*, 86, 223–249. doi: 10.1016/j.trb.2016.01.012
3. Bhat, C. R., Astroza, S., **Bhat, A. C.**, & Nagel, K. (2016). Incorporating a multiple discrete-continuous outcome in the generalized heterogeneous data model: Application to residential self-selection effects analysis in an activity time-use behavior model. *Transportation Research Part B: Methodological*, 91, 52–76. doi: 10.1016/j.trb.2016.03.007

Manuscripts under Review

1. Modal, A., Bhat, C. R., Costey, M. C., **Bhat, A. C.**, Webb, T., Magassy, T. B., Pendyala, R. M., & Lam, W. H. K. How Do People Feel While Walking? A Multivariate Analysis of Emotional Well-Being for Utilitarian and Recreational Walking Episodes. Under review.

Manuscripts in Preparation

1. **Bhat, A. C.**, Santos, A., & Muñoz, I. G. Maternal Stress and Environmental Disasters in Puerto Rico.
2. **Bhat, A. C.** & Santos, A. An Educational Paradox in Maternal Health Outcomes in the United States.
3. **Bhat, A. C.** & Almeida, D. M. Post-Recession Housing Insecurity and Physical and Mental Health in Older Adults.
4. Muñoz, I. G., Santos, A., & **Bhat, A. C.** The Impact of Hurricane Georges on Infant Birthweight.
5. Santos, A., Pérez-Rivera, D. T., & **Bhat, A. C.** How differential privacy will affect our understanding of population growth in the United States.

Research Presentations

Oral Presentations

1. **Bhat, A. C.** (2018, May). Paternal and Maternal Relationship and C-Reactive Protein and Glucose Levels: Effects and Moderating Factors. Thesis presented at the School of Human Ecology Honors, College of Natural Sciences Honors, and Plan II Honors Theses Symposiums, Austin, TX.

Poster Presentations

1. **Bhat, A. C.** (2017, April). Paternal and Maternal Relationship and C-Reactive Protein and Glucose Levels: Effects and Moderating Factors. Poster presented at the University of Texas Undergraduate Research Forum, Austin, Texas.

Teaching Experiences

Schreyer Institute:

- Completed New Instructor Orientation
- Completed Instructional Foundations Series

Undergraduate-level courses at UT Austin:

- Plan II Freshmen Tutorial Courses: Pathways to Civic Engagement; Civic Viewpoints
- Created course syllabus, communicated consistently with professor and guest speakers, communicated expectations to students, graded student assignments, designed semester-long social justice research project topics for students, primary individual overseeing students' progress on projects

7-8 Grade Science and Engineering Teacher at Education for Change Public Schools:

- Taught summer school science in Oakland, whilst taking graduate level courses in education via Loyola Marymount
- Responsible for middle school science teaching at a TK-8 school in Fruitvale area; responsible for designing curriculum; obtaining materials for student projects; communicating consistently with staff and parents; grading student assignments; designing and administering assessments; independently creating and teaching/facilitating daily lesson plans, projects, and class discussions; supporting students with academic, behavioral, and socio-emotional needs and goals; attending and contributing to staff culture and meetings; differentiating assignments for English Language Learners and students with learning needs; attending IEP meetings; recommending steps for students; collecting and analyzing student data; administering surveys to assess material students need help on and areas for improvement in class culture/student engagement; organizing field trips; holding advisory period; teaching responsibility four 80 minute classes per day

Research Positions

- Graduate research assistant, MIDUS Lab, Center for Healthy Aging, The Pennsylvania State University (2019-present)
- Graduate research assistant, SAFE Lab, The Pennsylvania State University (2020-present)
- Research assistant, Center for Transportation Research, Austin (2019)
- Undergraduate research assistant, Benner Lab, The University of Texas at Austin (2016-2018)
- Freshman Research Initiative research assistant, Functional Genomics Lab, The University of Texas at Austin (2015)

Service to the Department, College, and University

- Community service chair, HDFS Graduate Steering Committee (2020-2021)

Service to the Community

- Volunteer and Fundraising Intern, *Girls Empowerment Network*, a nonprofit organization in Texas dedicated to igniting the power in girls by teaching them skills to thrive and believe in their ability and promise (2012-2018)

Professional Affiliations

- Gerontological Society of America (2019-present)
- Population Association of America (2019-present)