**HEATHER SHATTUCK-HEIDORN**

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**EDUCATION**

2017 Ph.D. Human Evolutionary Biology, Harvard University

Secondary Field: Studies of Women, Gender, and Sexuality

Dissertation: *The Innate Immune System, Energetics, and the Early Life Environment*

2013 M.A. Human Evolutionary Biology, Harvard University

2009 B.A. Geography-Anthropology, University of Southern Maine, *Magna cum Laude*

**POSITIONS HELD**

2019 - Assistant Professor Women and Gender Studies, University of Southern Maine

2018 - Cofounder, Assistant Director, GenderSci Lab, Harvard University

2017 - 2019 Maine State Refugee Health Coordinator

2017 - 2018 Lecturer, Studies of Women, Gender, and Sexuality, Harvard University

**PEER-REVIEWED PUBLICATIONS**

**Shattuck-Heidorn H**, Boulicault M, Rushovich T, Richardson SS. Intersectionality and the natural sciences: Theory, methods, praxis. Eds. Nash J and Pinto S. *forthcoming volume on Intersectionality* Routledge

2021 **Shattuck-Heidorn H**, Danielsen AC, Gompers A, Bruch JD, Zhao H, Boulicault M, Marsella J,

Richardson S. Matters Arising: Assessing immune phenotype sex differences in patients with

COVID-19. *Nature*, 597, E7-E9

2021 DuBois Z. and **Shattuck-Heidorn H.** Challenging the Binary: Gender/Sex and the Bio-logics of

Normalcy. *American Journal of Human Biology*

2021 Rushovich T, Boulicault M, Danielsen AC, Tarrant A, Richardson S, **Shattuck-Heidorn** **H**. Sex disparities in COVID-19 mortality vary across US racial groups. *Journal of General Internal Medicine*, <https://doi.org/10.1007/s11606-021-06699-4>

2020 **Shattuck-Heidorn H**, Snodgrass JJ, Eick G, Ellison PT. Inflammation and the early life

environment: Variability in an immigrant population. *American Journal of Human Biology*, e23547.

2020 Richardson SS, Reiches MW, Bruch J, Boulicault M, Noll NE, **Shattuck-Heidorn H.** Is there a

gender equality paradox in STEM? *Psychological Science*. 0956797619872762

2019 Richardson SS, Borsa A, Boulicault M, Galka J, Ghosh N, Gompers A, Noll NE, Perret M, Reiches MW, Sandoval JCB, **Shattuck-Heidorn H**. Genome studies must account for history. *Science*. 366(6472), p.1461.

2019 **Shattuck-Heidorn H** and Richardson S. Sex/Gender and the biosocial turn. *Scholar and Feminist Online*.15(2).

2017 **Shattuck-Heidorn H**, Reiches M, Prentice AM, Moore SE, Ellison PT. Trade-offs associated with non-acute levels of CRP in adolescent Gambians. *Evolutionary Medicine and Public Health.* 1:27-38.

2015 Richardson SS, Reiches M, **Shattuck-Heidorn H**, La Blonte M, Consoli, T. Focus on preclinical sex differences will not address women’s and men’s health disparities. *PNAS*. 112(44) 13419-13420.

2013 D’Alpoim Guedes J, Bestor TC, Carrasco D, Flad R, Fosse E, Herzfeld M, Lamberg-Karlovsky CC, Liebmann M, Meadow R, Patterson N, Price M, Reiches M, Richardson S, **Shattuck-Heidorn H**, Ur J, Urton G, Warriner C. Is poverty in our genes? A critique of Ashraf and Galor, “The ‘Out of Africa’ hypothesis, human genetic diversity, and comparative economic development,” American Economic Review. *Current Anthropology*. 54(1), 71-79.

2012 Ellison PT, Reiches MW, **Shattuck-Faegre H**, Breakey A, Konecna M, Urlacher S,

Wobber V. Puberty as a life history transition. *Annals of Human Biology*. 39(5):352-360.

**OPINION PIECES**

2020 **Shattuck-Heidorn H,** Reiches M, Richardson S. What’s really behind the gender gap in Covid-19 deaths? *The New York Times*. 6/24/20

2019 **Shattuck-Heidorn H**, Richardson S. Focusing on differences between the sexes is leading

medical researchers astray. *Washington Post*. 5/30/19

**PEDAGOGICAL TOOLS**

2020 GenderSci Lab. Gender/Sex Disparities in COVID-19 Outcomes: Guide and Toolkit by

Harvard University’s GenderSci Lab. Retrieved from https://www.genderscilab.org/gender-sex-

in-covid19-teaching-module

**BOOK REVIEWS**

2016 **Shattuck-Heidorn H**.Ghost stories for Darwin: The science of variation and the politics of diversity, by Banu Subramaniam. Journal of the History of Sexuality 25(1): 209-211.

**INVITED PRESENTATIONS**

2021 Invited speaker at Gates Foundation Annual Grand Challenges meeting, WomenLift Health Panel: Reimagining Leadership for Improved Health Resilience and Equity. 11/9/2021

2021 Invited speaker for Princeton, Department of Anthropology, Graduate Seminar. 11/9/21

2021 Invited speaker for Salem State University, Interdisclipinary Program, Women and Gender Studies. 11/8/21

2021 Invited speaker for Harvard Pre-College program Evolutionary Medicine course, Dr. Mariel Young

2021 Invited speaker for University of Ohio’s Cutler Scholars Institute colloquium course, on social determinants of health and feminist scholarship

2020 Invited speaker for USM’s Women in Leadership Fall program on COVID and Health: Staying Sane in Messed Up Times. 11/20/20

2020 Presentation on social determinants of health to Harvard Pre-College program Evolutionary Medicine course, Dr. Mariel Young

2019 Trauma, mental health, and refugees/asylum seekers: Exploring the impact of gender

Building Bridges Conference: Advancing Trust and Understanding in Our Communities, Auburn, Maine. 11/4/2019.

2019 Researching Immigrant Health and Well-being in Contemporary American Society, Navigating

the Complex Issues Surrounding Participant Protection and Advocacy in Study Design. Invited Discussant, Dartmouth University, Hanover, NH.

2019 Sex and gender in human biology and health. Knight Science Journalism Program, MIT

2018 Engaged Scholarship and Social Justice Undergraduate Research Conference, Invited Panelist, Harvard University

2017 Sex/Gender: Theory into Practice Series, Mahindra Humanities Center, Harvard University

2017 Agency and objectivity: Working together towards better science. Invited presentation, American Association of Physical Anthropology Conference

**SELECTED PRESENTATIONS/PUBLISHED ABSTRACTS**

**Shattuck-Heidorn H**. (September, 2021). Beyond the binary: Understanding gender/sex in COVID-19. FemQuant Conference, program and recordings: https://femquant.squarespace.com/conference2021

**Shattuck-Heidorn H**. (March, 2020). Intersectionality in the natural sciences. Conference conducted at the meeting of Neurogenderings. Leiden, Netherlands.

**Shattuck-Heidorn H**, Eick G, Kramer KL, Sugiyama LS, Champang M, Madimenos FC, &

Ellison PT. (2019, March). Comparisons of C-reactive protein and metabolic syndrome in first

generation US immigrants and those remaining in home communities in Ecuador. Conference conducted

at the meeting of American Association of Human Biology. Cleveland, OH.

**Shattuck-Heidorn H** and Ahmadov T. (2017, November). The health needs of recent arrival immigrants. Maine Public Health Association Health Equity Conference. Rockport, ME.

**Shattuck-Heidorn H**,Sugiyama LS, Snodgrass JJ, Eick G, Ellison PT. (2017, March). Possible

influences of early life on immigrant immune function: CRP in a first-generation Ecuadorian immigrant

population living in the US. Conference conducted at the meeting of American Association of

Human Biology. New Orleans, LA.

**Shattuck-Heidorn H**, Richardson S. (2017). Sex-gender research and the new biosocial sciences.

Plasticity and Its Limits: An Interdisciplinary Workshop.

**Shattuck-Heidorn H**. (2016, October). Human biology research and ethical, feminist methodology: A

reflection on a dissertation. Conference conducted at the meeting of the Feminist Epistemology

Methodology Metaphyics and Social Science Conference. University of Notre Dame.

**Shattuck-Heidorn H**,Reiches M, Prentice A, Moore S, Ellison P. (2015, March). Inflammation and

anthropometric indices during the pubertal transition: What do the commonly used markers mean?

Conference conducted at the meeting of American Association of Human Biology. St. Louis, MO.

**Shattuck-Heidorn H**, Reiches M, Prentice A, Moore S, Ellison P. (2013, March) C-reactive protein,

early life, and growth in the Gambia. Conference conducted at the meeting of the American Association

of Physical Anthropologists. Knoxville, TN.

Saine ME, **Shattuck-Heidorn H**. (2013, March). Ethical practice in biological anthropology: an

introduction to the 2013 symposium. Conference conducted at the meeting of the American Association

of Physical Anthropologists. Knoxville, TN.

**Shattuck-Faegre H**, Ridgeway-Diaz J, Blackwell A, Madimenos F, Liebert M, Squires E, Sugiyama L,

and Snodgrass J. (2011, March). The Shuar Health and Life History Project: Immune pathways and

Epstein-Barr virus. Conference conducted at the meeting of the American Association of Human

Biology. Portland, OR.

Ridgeway-Diaz J, **Shattuck-Faegre H**, Blackwell A, Madimenos F, Liebert M, Squires E, Sugiyama L,

and Snodgrass J. (2011, March). Epstein - Barr virus as a marker of psychosocial stress in the indigenous

Shuar of Ecuadorian Amazonia. Conference conducted at the meeting of the American Association of

Human Biology. Portland, OR.

**ORGANIZED SYMPOSIA & CONFERENCES**

2018 Survivors of Torture Conference on Refugee and Asylee Mental Health in Maine, Portland Maine

2013 Ethical Practice in Biological Anthropology: Continuing the Dialogue. American Association of Physical Anthropologists, 82nd Annual Meeting

**AWARDED GRANTS**

2017 “Immigrant Health Equity in Maine” County Health Rankings, Robert Wood Johnson Program ($4,500). Role: Principle Applicant

2017 “Refugee Health Promotion for New Mainers” Office of Refugee Resettlement ($119,000). Role:

Principal Investigator

2014 “Immigration, Inflammation, and the Early Life Environment” Harvard Global Health Institute Research and Planning Fellowship ($27,677). Role: Principal Investigator

2013 “Cultural Models of Transnational Migrants: A Cross-National and Intrapopulation

Comparison” National Science Foundation Award Research Experience for Graduates

BCS0964031, Karen Kramer PI, ($4,750). Role: Collaborating Investigator

2011 “Immune Function and Reproductive Ecology in Rural Gambian Women” Harvard Graduate Society Summer Research Fellowship ($3,000). Role: Collaborating Investigator

2011 National Science Foundation Graduate Research Fellowship

**GRANT APPLICATIONS**

2021 NSF Science and Technology Proposal: Collaborative Research: Pluralism in Biological Models of Sex (co-PI, under review).

2018 NIH R21 PA-17-042 Proposal: Addressing the Etiology of Health Disparities and Health Advantages Among Immigrant Populations (unsucessful, positively reviewed)

**TEACHING**

Feminist Theory

Feminism and Science

Introduction to Women and Gender Studies

Medical Anthropology

Introduction to Biological Anthropology

Introduction to Human Evolution

Hormones and Behavior

**FELLOWSHIPS, HONORS, AWARDS**

2019 Harvard Bok Center Excellence in Teaching Award

2018 Harvard Bok Center Excellence in Teaching Award

2017 Harvard Presidential Scholars Award (and 2010-2011)

2016 Cora Du Bois Fellowship

2016 Harvard Dissertation Completion Fellowship

2014 Harvard Merit Scholarship

2010 Harvard Graduate Fellowship

**PROFESSIONAL MEMBERSHIPS**

National Women Studies Association

NeuroGenderings

American Association of Physical Anthropologists

American Association of Human Biologists

**PROFESSIONAL SERVICE**

Committees:

2020 - Chair, USM Women and Gender Studies Social Justice Minor Committee

2019 - Chair, USM Women and Gender Studies Curriculum Committee

2019- Member, USM Women and Gender Studies Council

2014-2016 Graduate Student Representative, Ethics Subcommittee, American Association of Physical Anthropologists

Advising/Thesis Committees:

2021 Masters Thesis Committee for Natalie Bornstein, University of Southern Maine, Social Work

2021 - Dissertation Committee for Maria Cox, Department of Anthropology, University of Illinois Urbana-Champaign

2020 Undergraduate Thesis Committee for Kristen Carter, University of Southern Maine

2019 Summer Research Advisor for Sarah Lipson, Harvard College

2016 Co-Advisor, Undergraduate Thesis for Jamie Tanzer, Harvard College

**SELECTED EXAMPLES OF PUBLIC OUTREACH**

2020 **Shattuck-Heidorn H**. The GenderSci Lab takes on the Gender Equality Paradox

Hypothesis: Introduction and primer,” GenderSci Blog, February 11, 2020,

https://genderscilab.org/blog/the-gendersci-lab-takes-on-the-gender-equality-paradox-

hypothesis-introduction-and-primer

Analytics: As 11/8/21 this blog post has nearly 5,000 unique views. This blog series was also mentioned in media coverage related to the Psychological Science piece.

2019 **Shattuck-Heidorn H**, Boulicault M, Sudaii M. Ethical oversight of GWAS studies: Are

we doing enough to protect the community? GenderSci Blog, December 19, 2019.

https://www.genderscilab.org/blog/ethical-oversight-gwas

2016 **Shattuck-Heidorn H**. Sex, gender, and the new NIH policy. Gap Junction Science Blog

2016 Richardson SS, **Shattuck-Heidorn H**, Consoli T. Sex and gender in a petri dish. Nursing Clio Blog Post

**RELEVANT WORK/VOLUNTEER EXPERIENCE**

2016 Consultant for co-creation of Introduction to Women and Gender Studies course, Tufts

2016 Grant collaboration and writing with North Central Mass Minority Health Coalition and Burbank Community Health Center. Development of resources for addressing health disparities in Central MA area.

2015 – 2016 Consultant for North Central Mass Minority Health Coalition and Community Health and Resource Training Program. Created and delivered trainings on social determinants of health and health disparities to hospital and school staff at Heywood Hospital, Athol MA.

2014 Data base coordinator for YWCA and Lawrence Community Health Coalition, Lawrence MA

2009-2010 Research assistant, Snodgrass Laboratory, University of Oregon

2007-2008 Assistant, Women’s Resource Center, Multicultural Center, University of Southern Maine