

AMRITA BHATTACHARYA

Department of Biology, Indiana University
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EDUCATION

Ph.D. Candidate	Indiana University, Evolution, Ecology, and Behavior, GPA: 4.0 Advisors: Curtis M Lively, Farrah Bashey-Visser 2013- Present
MSc. Biology	Tata Institute of Fundamental Research, Class: Distinction, Advisor: Vidita A Vaidya, July 2013
BSc. Microbiology	Ramnarain Ruia College, University of Mumbai, Class: First, Rank: First, May 2010

RESEARCH APPOINTMENTS

2013 – Present	PhD Candidate, Ecology, Evolution and Behavior Program, Indiana University Advisors: Prof. Curtis M Lively, Dr Farrah Bashey-Visser
2010-2013	Junior Research Fellow, Tata Institute of Fundamental Research, India Advisor: Prof. Vidita A Vaidya
2008-2010 (<i>Undergraduate Summer Research</i>)	Project Oriented Biological Education Fellow, Jawaharlal Nehru Center for Advanced Scientific Research, India Advisor: Prof Amitabh Joshi.

PUBLICATIONS

1. Samuel P Slowinski*, Levi T Morran*, Raymond C Parrish, Eric R Cui, Amrita Bhattacharya, Curtis M Lively, Patrick C Phillips, 2016, Coevolutionary interactions with parasites constrain the spread of self-fertilization into outcrossing host populations. *Evolution*. **70**:2632-2639 (*Equal author contribution)
2. Madhavi Pusalkar, Deepika Suri, Ashwin Kelkar, Amrita Bhattacharya, Sanjeev Galande, Vidita A Vaidya. 2016. Early stress evokes dysregulation of histone modifiers in the medial prefrontal cortex across the life span., *Dev Psychobiol*. **58 (2)** : 198-210
3. Deepika Suri, Amrita Bhattacharya, Vidita A Vaidya. 2014. Early stress evokes temporally distinct consequences on the hippocampal transcriptome, anxiety and cognitive behaviour., *Int. J. Neuropsychopharmacol*. **17**, 289–301

In preparation ([#] indicates undergraduate co-author)

1. Amrita Bhattacharya, Hannah Pak[#], Farrah Bashey-Visser. Competition sensing: is bacteriocin production induced by the presence of non-self competitors?

RESEARCH GRANTS

2016	Sigma Xi, Grant in Aid of Research Award (\$500)
2014	Society for the Study of Evolution, Rosemary Grant Award (\$2,500)

FELLOWSHIPS AND TRAVEL AWARDS

Fellowships

2017 (Summer)	Louise Constable Hoover Fellowship, Department of Biology, Indiana University
2016 (Summer)	Donna Graam Fellowship, Indiana University
2008-2010	Project Oriented Biological Education Fellowship, JNCASR, India

Travel Awards

2016	Indiana University Provost's Women in Science Travel Award
2016	Indiana University Center for the Integrated Study of Animal Behavior Travel Award
2016	Indiana University Department of Biology Travel Award
2015	Indiana University Provost's Women in Science Travel Award
2015	Indiana University Department of Biology Travel Award
2014	Indiana University Provost's Women in Science Travel Award
2014	Indiana University Center for the Integrated Study of Animal Behavior Travel Award
2014	Indiana University Department of Biology Travel Award

HONORS

2013	Distinction, MSc Thesis, Tata Institute of Fundamental Research, Mumbai
2010	Sir Dinshaw Manockjee Petit (First Baronet) Science Prize, University of Mumbai

PRESENTATIONS

1. Evolution, 2016, Austin, TX, USA [*contributed talk*]
2. Ecology and Evolution of Infectious Diseases (EEID) 2016, Ithaca, NY, USA [*Poster*]
3. Ecology and Evolution of Infectious Diseases (EEID) 2015, Athens, GA, USA [*Poster*]
4. Microbiology Retreat, Indiana University, 2014 and 2016, Bloomington, IN, USA [*Poster*]

TRAINING ACTIVITIES

1. Guarda Workshop in Evolutionary Biology 2014, Guarda, Switzerland

OUTREACH

2016 – Present:	Writer and Associate Editor, SciU - Communications in Science at Indiana University'
2016:	Volunteer at Indiana University's "Science Fest"
2016:	Instructor, Jim Holland Summer Enrichment Program, Indiana University
2015:	Volunteer at Indiana University's "Science Fest"
2015-16:	Groups STEM Mentor for first generation college students at Indiana University

TEACHING

Teaching Appointments

2013-2016	Associate Instructor, Indiana University (L113 Introductory Biology, B200 The Intricate Human, S318 Honors Evolution, L111 Evolution and Diversity, L318 Evolution, L104 Biology of the Senses)
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Guest lectures

Fall, 2016	Laboratory exercise on 'Rock Paper Scissors' game to understand mechanisms that maintain biodiversity, S318, Honors Evolution
Spring, 2016	Laboratory exercise on the evolution of antimicrobial resistance, S318, Honors Evolution
Spring, 2016	'The evolution of social behavior', lecture, L318, Evolution

MENTORING

2016 – Present: Ms. Elizabeth Lambert, Emerging Scholars Research Experiences for Undergraduate Women Program, Indiana University
2016 Ms Elizabeth Huls, High School Research Student, Indiana
2015-2016: Ms. Hannah Pak, Undergraduate Employee, Indiana University
2014-2015: Mr. Cheyenne Smith, Mr. Jay Trivedi, Undergraduate volunteers, Indiana University

PROFESSIONAL SERVICE

Peer review

2016 Molecular Ecology

Organizing conferences, moderating panel discussions

2016 IU Center for the Integrative Study of Animal Behavior (CISAB) Conference, Session Moderator
2016 IU CISAB Animal Behavior Conference, Poster Committee
2015 IU CISAB Animal Behavior Conference, Poster Committee
2012 International Society for Developmental Neuroscience, Annual Meeting, Mumbai, Volunteer

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society of Naturalists
American Genetics Association
Indiana University Center for the Integrative Study of Animal Behavior

PROFESSIONAL REFERENCES

Prof Curtis M Lively Graduate Advisor, Indiana University, clively@indiana.edu, 812-855-1842
Dr Farrah Bashey-Visser Graduate Advisor, Indiana University, fbasheyv@indiana.edu, 812-855-1962
Prof Vidita A. Vaidya MSc Thesis Advisor, Tata Institute of Fundamental Research, vvaidya@tifr.res.in