

# Sharmi Sen

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## EDUCATION

### University of Michigan

Ph.D. Candidate, Biological Anthropology

Sep 2015 – Present

### Indian Institute of Science Education and Research Mohali

Dual B.S. - M.S. in Biological Sciences

Aug 2010 – May 2015

## RESEARCH EXPERIENCE

### Graduate

2015 – 2018

Independent Research, Core Assay Facility, University of Michigan

2016 – Present

Independent Research, Genomic Diversity Lab, University of Michigan

May 2017 – Jul 2017

Pre-dissertation fieldwork in Simien Mountain National Park, Ethiopia

May 2016 – Jul 2016

Pre-dissertation fieldwork in Simien Mountain National Park, Ethiopia

### Undergraduate

2014 – 2015

Master's Thesis, Indian Institute of Science Education and Research Mohali

2013 – 2014

Internship, National Institute of Advanced Studies, Bangalore

2011

Indian Academy of Sciences Summer Research Fellow, University of Mysore

2012

Summer Research Fellow, IISER Mohali

## PUBLICATIONS

- 2017 **Sharmi Sen**, Caitlin Barale, Amy Lu, Jacinta Beehner. Testosterone as a predictor of dispersal strategies in male *Theropithecus gelada* in the wild. At the Annual Meeting of American Association of Physical Anthropologists, New Orleans, USA (Conference abstract)
- 2016 Shenoi, Vinesh Naresh, Sayatri Mustafi Banerjee, Brindha Guruswamy, **Sharmi Sen**, Syed Zeeshan Ali, Nagaraj Guru Prasad. *Drosophila melanogaster* males evolve increased courtship as a correlated response to larval crowding. *Animal Behaviour* 120: 183-193
- 2014 Sayantan Das, Saurav Dutta, **Sharmi Sen**, Jijumon A. S., S. Babu, Honnavalli Nagraj Kumara, Mewa Singh. Identifying regions for conservation of sloth bears through occupancy modelling in north-eastern Karnataka, India. *Ursus*, 25(2):111-120
- 2013 Nandy, B., Gupta, V., Udaykumar, N., Samant, M. A., **Sen, S.**, Prasad, N. G. Experimental evolution of female traits under different levels of intersexual conflict in *Drosophila Melanogaster*. *Evolution*, 68: 412–425
- Nandy, B., Vanika, G., **Sen, S.**, Udaykumar, N., Samant, M., Ali S.Z., Prasad, N.G. Evolution of mate-harm, longevity and behaviour in male fruit flies subjected to different levels of interlocus conflict. *BMC Evolutionary Biology*, 13:212
- 2012 Nandy, B., Abhilasha J., Zeeshan, S.A., **Sen, S.**, Prasad, N.G. Degree of adaptive male mate choice is positively correlated with female quality variance, *Scientific Reports*, 2, 447

**FELLOWSHIPS**

2018	The Leakey Foundation Franklin Mosher Baldwin Fellowship - 1 <sup>st</sup> year support for graduate studies (\$14,995)
2014	Council of Scientific and Industrial Research, Junior Research Fellowship (Declined)
2012	Indian Academy of Sciences, Summer Research Fellowship (\$200)
2010 – 2015	Department of Science and Technology, Government of India - INSPIRE Fellowship for pursuing undergraduate studies in Basic Science (\$5,400)

**GRANTS**

2018	International Primatological Society - Student Research Grant (\$1500) Rackham Graduate Student Research Award for Ph.D. Candidates (\$3,000) Rackham International Research Award (\$4,000)
2017	International Institute Individual Grant (\$1,500) African Studies Centre Award (\$2,000) American Society of Mammologists - Grants-in-aid of Research Award (\$1,500)
2016	Rackham Graduate Student Research Award for Pre- candidates (\$1,500) Department of Anthropology Pre-candidate Summer Award (\$4,000) International Institute Individual Grant (\$1,500)

**TEACHING & MENTORING****Graduate Student Instructor, University of Michigan**

Winter 2018	ANTHRBIO 201, Introduction to Biological Anthropology
Fall 2017	ANTHRBIO 368, Primate Social Behavior
Winter 2017	PSYCH 337, Hormones and Behavior
Fall 2016	ANTHRBIO 368, Primate Social Behavior

**Undergraduate Student Mentor, University of Michigan**

Winter 2018	Hala Abbas, Angela Yu (Undergraduate Research Opportunity Program)
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**SERVICE****Women in Science and Engineering, University of Michigan**

2018	Coordinated STEM activities for Grade 4 - 6 school girls
2017	Served as a group leader for Grade 4 - 6 school girls

**Science Communication Fellow, Ruthvens Museum of Natural History, University of Michigan**

2018	Presented activity on "How do animals use honest signals in the wild?" Scientist Spotlight, Forsythe Middle School and Ypsilanti District Library
2017	Presented activity on "What can DNA tell us about animal movement?" Scientist Spotlight, Ruthven Museum of Natural History

**Department of Anthropology, University of Michigan**

2017 – Present	Biological Anthropology Diversity Working Group, Member
2017	Conducted a session on Human Evolution for Grade 6 students, Tappan Middle School, Ann Arbor