

# Abhilesh Dhawanjewar

PH.D. CANDIDATE · EVOLUTIONARY BIOLOGY

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## Education

### Ph.D. in Evolutionary Biology

UNIVERSITY OF NEBRASKA-LINCOLN, USA

Advisors: Dr. Kristi Montooth & Dr. Colin Meiklejohn

Expected 2020

### Integrated B.S.-M.S. Dual Degree

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, PUNE, INDIA

Advisor: Dr. M.S. Madhusudhan

Aug 2010 - May 2015

## Publications

**Dhawanjewar A.S. \***, Roy A.A. \*, & Madhusudhan M.S. (2019). A knowledge-based scoring function to assess the stability of quaternary protein assemblies. *Oxford Bioinformatics (In revision)*

Roy, A. A. \*, **Dhawanjewar, A. S. \***, Sharma, P., Singh, G., & Madhusudhan, M. S. (2019). Protein Interaction Z Score Assessment (PIZSA): an empirical scoring scheme for evaluation of protein-protein interactions. *Nucleic acids research*, 47(W1), W331-W337

Montooth, K. L., **Dhawanjewar, A. S.**, & Meiklejohn, C. D. (2019). Temperature-sensitive reproduction and the physiological and evolutionary potential for Mother's Curse. *Integrative and comparative biology*, 59(4), 890-899.

Nelson, T. C., Jones, M. R., Velotta, J. P., **Dhawanjewar, A. S.**, & Schweitzer, R. M. (2019). UNVEILING connections between genotype, phenotype, and fitness in natural populations. *Molecular ecology*, 28(8), 1866-1876.

**Dhawanjewar A.S.**, Meese S., Baba Y., Tanaka K., Li S., Uhl G., Krehenwinkel H. A genome-wide phylogeography of a highly dispersive Palearctic spider provides insights into the causes of incongruent divergence of mitochondrial and nuclear genomes. *Journal of Biogeography (Submitted)*

\* Equal contribution

## Honors & Awards

- 2019 Milton E. Mohr Fellowship, **UNL Center for Biotechnology (\$1000)**
- 2019 Suzanne O. Prather Memorial Fund, **University of Nebraska Foundation (\$1500)**
- 2019 Runner-Up Best Poster Award, **School of Biological Sciences, UNL (\$50)**
- 2019 AAAS/Science Program for Excellence in Science, **American Association for the Advancement of Science**
- 2018 Jessie A. Lee Fund, **School of Biological Sciences, UNL (\$2000)**
- 2018 Best Poster Award, **School of Biological Sciences, UNL (\$100)**
- 2018 Conference Registration Award, **Society for Molecular Biology and Evolution (\$450)**
- 2017 Travel Grant, **Society for Molecular Biology and Evolution (\$250)**
- 2017 Runner-Up Best Poster Award, **School of Biological Sciences, UNL (\$50)**
- 2017 Mary D. Rogick Memorial Fund, **School of Biological Sciences, UNL (\$1300)**
- 2016 Travel Grant, **Society for the Study of Evolution (\$500)**
- 2016 Blair Paxton Udale Fund for Life Sciences, **The University of Nebraska Foundation (\$1500)**
- 2016 Rosemary Grant Award, **Society for the Study of Evolution (\$2500)**
- 2014 Travel Grant, **The Indian Institute of Science Education and Research, Pune (\$1300)**
- 2014 Travel Grant, **The American Society of Naturalists (\$250)**
- 2013 Working Internship, **Max Planck Institute for Evolutionary Biology (\$3500)**
- 2010 INSPIRE Scholarship, **Department of Science and Technology, India (\$8000)**
- 2006 National Talent Search Examination (NTSE) Scholar, **NCERT, India (\$250)**