

Prateek Kumar Sahu

Graduate Student
Department of Psychology
University of Alberta, CA

Contact

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Education

- **University of Alberta** Edmonton, Canada
PhD, Department of Psychology 2022 - Now
- **University of Alberta** Edmonton, Canada
MSc, Department of Psychology 2019 - 2022
- **Indian Institute of Science Education and Research** Kolkata, India
BSc & MSc, Department of Biological Sciences 2013 - 2018

Research Experience

- Methodological comparisons of classification techniques and refinement of an operant go/no-go procedure Masters' thesis
Dr. Christopher Sturdy 2019-2022
- Neural basis of sugar elicited search behaviour of *Drosophila* Research Project
Dr. Axel Brockmann 2018-2019
- Understanding reunification dynamics in ant colonies Summer Project, Masters' thesis
Dr. Sumana Annagiri 2015, 2017-2018
- Consistency in personality traits of the shoals of climbing perch Summer Project
Dr. V. V. Binoy 2016

Publications

1. **Sahu, P.K.**, Campbell, K.A., Oprea, A., Phillmore, L.S., & Sturdy, C.B. (2022) Comparing methodologies for classification of zebra finch distance calls, The Journal of the Acoustical Society of America, 151, 3305 <https://doi.org/10.1121/10.0011401>
2. Lambert, C., **Sahu, P.K.**, Sturdy, C.B., & Guillette, L.M. (2022) Among-individual differences in auditory and physical cognitive abilities in zebra finches, Learning & Behaviour, <https://doi.org/10.3758/s13420-022-00520-w>
3. Montenegro, C., **Sahu, P.K.**, & Sturdy, C.B. (2021). Individual differences in female black-capped chickadee (*Poecile atricapillus*) fee-bee songs, The Journal of the Acoustical Society of America, 150(4), 3038-3046, <https://doi.org/10.1121/10.0006532>

4. Montenegro, C., Service, W.D., Scully, E.N., Mischler, S.K., **Sahu, P.K.**, Benowicz, T.J., Fox, K.V. R., & Sturdy, C.B. (2021). The impact of anthropogenic noise on individual identification via female song in Black-capped chickadees (*Poecile atricapillus*), Scientific Reports, 11(1), <https://doi.org/10.1038/s41598-021-96504-3>
5. **Sahu, P.K.**, Kolay, S. & Annagiri, S. (2019) To reunite or not: A study of artificially fragmented *Diacamma indicum* ant colonies, Behavioural Processes 158, 4-10
<https://doi.org/10.1016/j.beproc.2018.10.017>

Teaching Experience & Service

- Teaching assistant: Basic Psychological Processes (2019, 2020, 2021), Behaviour Modification (2020, 2021, 2022), Principle of Learning (2020), Behaviour & Genetics (2021), Neuroethology (2022)
- Skype A Scientist: [The importance of making sounds in animals](#): Talk at Sekolah Bina Persada School, Indonesia (2022)

Awards & Scholarships

Scholarship from Department of Psychology, University of Alberta	2019- 2022
INSPIRE Fellowship	2013- 2018
National Means cum Merit Scholarship	2008- 2010

Conferences

- International Conference On Comparative Cognition 2021
- Animal Behaviour Society Conference 2020
- Virtual ROYCE Conference 2020
- Insect Multisensory Integration Workshop 2019
- 2nd Bangalore Meeting on Asian Bees 2019
- Preparatory School on Population Genetics and Evolution 2019
- Understanding Behaviour 2019
- Workshop on Cyberspace and Cyber Security 2017
- The Ambassadors of Evolution Workshop 2017
- The 10th Year Celebration of IISER Kolkata Advances in Life Sciences 2017
- The Frontiers in Modern Biology (FIMB) symposium 2015

Manuscript Reviews

Ostrich (2022), PeerJ (2022), Behavioral Ecology and Sociobiology (2022)

Skills

Animal care, handling birds University of Alberta, 2019-now
Raising and handling *Drosophila* National Centre for Biological Sciences, 2018-19
Insect(Ants, Bees) research and basics of insect biology IISER-K,NCBS 2015-19
Handling fishes National Institute of Advanced Studies, 2016
Coding and Statistics "R","Python", "Matlab"
Graphics Designing "Photoshop", "Illustrator"

References

- Dr. Christopher Sturdy
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- Dr. Sumana Annagiri
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