

# Prateek Kumar Sahu

Graduate Student  
Department of Psychology  
University of Alberta, CA

## Contact

psahu@ualberta.ca  
<https://prateeksahu.com>

## Education

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

## Experience

- Bioacoustic analysis and role of feed time duration on acoustic perception of zebra finch distance calls  
*Dr. Christopher Sturdy* Masters' thesis  
2019-now
- Neural basis of sugar elicited search behaviour of *Drosophila*  
*Dr. Axel Brockmann* Research Project  
2018-2019
- Understanding reunification dynamics in ant colonies  
*Dr. Sumana Annagiri* Summer Project, Masters' thesis  
2015, 2017-2018
- Consistency in personality traits of the shoals of climbing perch  
*Dr. V. V. Binoy* Summer Project  
2016

## Awards & Honours

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

## 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>

## Manuscript Reviews

*Ostrich* (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  
Professor  
Department of Psychology  
University of Alberta, CA  
email: csturdy@ualberta.ca
- Dr. Sumana Annagiri  
Professor  
Department of Biological Sciences  
Indian Institute of Science Education and Research, Kolkata  
email: annagiri.sumana@gmail.com
- Dr. Axel Brockmann  
Assistant Professor  
National Centre for Biological Sciences, Bangalore, India  
email: axel.ncbs@gmail.com