

# Sahas Barve PhD

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## PROFESSIONAL APPOINTMENTS

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| John W. Fitzpatrick Director of Avian Ecology, Archbold Biological Station | 2023-Present |
| Peter Buck Fellow, Smithsonian National Museum of Natural History          | 2019-2022    |
| Postdoctoral Associate, Old Dominion University                            | 2017-2019    |

## EDUCATION

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| Certificate: Teaching and Learning in a Diverse Classroom CornellIX (TLDC101x) | 2020 |
| PhD (Ecology and Evolutionary Biology), Cornell University,                    | 2017 |
| Master of Science (Wildlife Sciences), Wildlife Institute of India             | 2009 |
| Bachelor of Science (Zoology), Mumbai University                               | 2007 |

## PUBLICATIONS

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### Scientific Publications [Google Scholar](#)

33. Johnson A.E., **Barve S.**, Dreiss L., Shizuka D., Walters E.L. (In review, *Frontiers of Ecology and the Environment*). Smoke alters patterns of movement and association in a cooperatively breeding bird.
32. Koenig W.D., **Barve S.**, Haydock J., Dugdale H.L., Oli M.K., Walters E.L., (In review, *PNAS*). Inclusive fitness of cooperative polygamy in the acorn woodpecker.
31. Rutledge S.L., **Barve S.** (In revision, *Wilson Journal of Ornithology*) Birds of a feather caught together? The influence of flocking behavior on the representation of North American birds in collections.
30. **Barve S.**, Menon T., Ramesh V. (In revision, *American Naturalist*), Thermal niche breadth and diet explain variation in elevational migration in Himalayan birds.
29. **Barve S.**, Daniel Cadena, C. (Accepted, *Ecology and Evolution*) Hermits in a puffy jacket: Variation in insulative feather structure in songbirds along a tropical elevation gradient.
28. Thompson C.L., Alberti M., **Barve S.**, Battistuzzi F.U., Drake J.L., Govaert L., Partridge C., Yang Y. (In press *Integrative and Comparative Biology*), Back to the future: Reintegrating biology to understand how past eco-evolutionary change can predict future outcomes.
27. Shizuka D., **Barve S.**, Johnson A, Walters E. L. (2022) Constructing social networks from automated telemetry data: a worked example using within- and across-group associations in cooperatively breeding birds. *Methods in Ecology and Evolution* 13: 133-143
26. **Barve S.**, Riehl C., Walters E.L., Haydock J., Dugdale H.L., Koenig W.D. (2021). Lifetime reproductive benefits of cooperative polygamy vary for males and females in the acorn woodpecker (*Melanerpes formicivorus*). *Proceedings of the Royal Society-B* 288: 20210579 \* Chosen as cover article
25. Dalvi S., Dixit S., Dharwadkar O., Thackeray T., **Barve S.**, Khot R. (2021). The Sakhalin Leaf Warbler *Phylloscopus borealoides*: A new species for the Indian Subcontinent, and its status in the Andaman Nicobar Islands. *Indian Birds* 17: 65-69 [Link](#)
24. **Barve S.**, Ramesh V., Dotterer T.M., Dove C.D. 2021. Elevation, evolutionary origin, and body size drive variation in thermo-insulative feather structure of Himalayan birds. *Ecography* 44: 680-689 [Link](#)
23. **Barve S.**, Lahey A.S., Brunner R.M., Koenig W.D., Walters E.L. 2020. Woodpecker wars: Tracking soldiers and spectators with telemetry. *Current Biology* 30: R982-R983 \* Chosen as cover article

22. **Barve S.**, Shankar Raman T. R., Jathar G., Datta A. 2020. Guidelines for conducting research on nesting biology of Indian birds. *Indian Birds* 16: 10-11 # *Invited manuscript*
21. **Barve S.**, Shankar Raman T. R., Jathar G., Datta A. 2020. When and how to study nesting biology of Indian birds: research needs, ethical considerations, and best practices. *Indian Birds* 16:1-9 # *Invited manuscript*
20. **Barve S.**, Hagemeyer N., Winter R., Chamberlain S., Koenig W., Winkler D., Walters E. 2020. Wandering woodpeckers: foray behavior in a social bird. *Ecology* 101: e02943
19. Koenig W., Walters E., **Barve S.** 2019. Does helping-at-the-nest help? The case of the acorn woodpecker. *Frontiers of Ecology and Evolution* 7:272
18. **Barve S.**, Koenig W., Haydock J., Walters E. 2019. Habitat saturation results in joint-nesting female coalitions in a social bird. *American Naturalist* 193:830-840
17. Ishtiaq, F., **Barve S.** 2018. Do avian blood parasites influence hypoxia physiology in a high elevation environment? *BMC Ecology* 18:15
16. **Barve S.**, Dixit S., Dhondt A., Ishtiaq F. 2017. Sexual dimorphism in breast stripe width and beak eco-morphology in Himalayan green-backed tits (*Parus monticolus*). *Avian Biology Research* 10:259-263
15. **Barve S.**, Dhondt A. 2017. Elevational replacement of two Himalayan titmice: interspecific competition or habitat preference? *Journal of Avian Biology* 48:1189-1194 \* Chosen as cover article
14. Ramesh V., Gopalkrishna T., **Barve S.**, Melnick D. 2017. Finer spatial resolution improves accuracy of species distribution models in heterogeneous landscapes - a response to Praveen J. *Biological Conservation* 213:247-248 # *Student mentee lead-author*
13. Heaton-Crisologo T., Joshi V., **Barve S.** 2017. Jack of all calls and master of few: vocal mimicry in the tawny lark (*Galerida deva*). *Avian Biology Research* 10:174-180 # *Student mentee lead-author*
12. Ramesh V., Gopalkrishna T., **Barve S.**, Melnick D. 2017. IUCN greatly underestimates threat levels of endemic birds in the Western Ghats. *Biological Conservation* 210:205-221 # *Student mentee lead-author*
11. **Barve S.**, Mathur V., Dhondt A., Ishtiaq F., Cheviron Z. 2016. Life-history characteristics influence physiological strategies to cope with hypoxia in Himalayan birds. *Proceedings of the Royal Society-B* 283:2016.2201
10. **Barve S.**, La Sorte F. 2016. Fruiting season length drives the global distribution of female-only parental care in frugivorous passerines. *PLoS ONE* 11:e0154871
9. Dixit S., Joshi V., **Barve S.** 2016. Bird diversity of the Amrutganga valley, Kedarnath, Uttarakhand, India with an emphasis on the elevational distribution of species. *Checklist* 12:1874 # *Student mentee lead-author*
8. **Barve S.**, Dhondt A. 2015. A yellow-browed tit (*Sylviparus modestus*) nest from Kedarnath Wildlife Sanctuary, Uttarakhand, India. *Indian Birds* (3&4):110-111
7. **Barve S.\***, Mason N.\* 2015. Interspecific competition affects evolutionary links between cavity nesting, migration and clutch size in Old World flycatchers (*Muscicapidae*). *Ibis* 157:299-311 (\* Denotes equal contributions)
6. Fry B., Hendrikx I., Rowley P., Jackson T., van der Ploeg H., Johnson R., Sasa M., Dunstan N., **Barve S.**, Lock B., Phillip T., Zivkovic M., Wiley K., Harrison J., Carmichael R., Morris C., Brandl D., Shankar G., McCarthy S., Sunagar K., Pittman J., Cochran C. 2015. Maintaining venomous animal collections: protocols and occupational safety. *Venomous Reptiles And Their Toxins: Evolution, Pathophysiology And Biodiscovery* pp 89-133. Oxford University Press.

5. **Barve S.**, Bhaisare D., Giri A., Gowrishankar P., Whitaker R., Goode M. 2013. A preliminary study on translocation of “rescued” king cobras (*Ophiophagus hannah*). *Hamadryad*, 36:80-86
4. **Barve S.**, Warriar R. 2013. Birds of the Sharavathy landscape. *Indian Birds* 8:57-61
3. Muralidhar A., **Barve S.** 2013. Peculiar choice of nesting site in Red wattled lapwing (*Vanellus indicus*) in an urban site. *Indian Birds* 8:6-9 # *Student mentee lead-author*
2. **Barve S.** 2010. Sri Lanka Frogmouths of Kogar, filling in the gaps. *Indian Birds* 5:179
1. **Barve S.**, Mohan D., Qureshi Q. 2009. Responses shown by bird communities to teak plantations and surrounding natural forests in Sagar Forest Division, Karnataka, India. *Master's thesis* submitted to the Wildlife Institute of India.

### Popular Publications

- Barve S.** 2022. The unique physiologies of elevational niche shifters. *Current Conservation* 15.4. [Link](#)
- Barve S.** 2020. Himalayan birds: Balancing elevation and weather. Sanctuary Asia (October). [Link](#)
- Barve S.** and other contributors. 2020. Fifty things we have learnt about the Earth since the first Earth day. Smithsonian Magazine. [Link](#)
- Barve S.**, Hagemeyer N., Winter R., Chamberlain S., Koenig W., Winkler D., Walters E. 2020. Wandering woodpeckers: foray behavior in a social bird. Bulletin of Ecological Society of America [Link](#)
- Barve S.** 2017. Immortal flatulence. www.scienceoutside.com [Link](#)
- Barve S.** 2015. A drop of blood, a sea of information. Deccan Herald Spectrum. [Link](#)
- Barve S.** 2015. Banded Tickell's Thrush, Uttarakhand. www.conservationindia.org [Link](#)
- Barve S.** 2014. The Eurasian Woodcock, Kedarnath, Uttarakhand. www.conservationindia.org [Link](#)
- Barve S.** 2014. The Shola Sky-lands. Saevus 37:22-27
- Barve S.** 2014. Snake Translocation: New information, new insights. Nature Kaleidoscope, Bulletin of the Wildlife Institute of India. [Link](#)
- Barve S.** 2013. Translocation tragedies: are we really “rescuing” snakes? www.conservationindia.org [Link](#)
- Barve S.** 2009. The Fox, Outfoxed. Hornbill, July-September:4-8

### FELLOWSHIPS AND AWARDS

**Fellowships** Total fellowship support awarded: **\$201000**

|   |           |
|---|-----------|
| Peter Buck Postdoctoral Fellowship, Smithsonian Institution               | 2019-2022 |
| Linda and Samuel Kramer Graduate Student Fellowship, Cornell University   | 2016      |
| Johnson Graduate Fellowship for Teaching and Research, Cornell University | 2015      |
| Halberstad and Mary Hartshorne Endowment Fellowship, Cornell University   | 2015      |
| Cornell Lab of Ornithology Research Fellowship, Cornell University        | 2014-2015 |
| Cornell University Fellowship, Cornell University                         | 2011-2012 |
| Graduate Fellowship, Wildlife Institute of India                          | 2007-2009 |

## Awards

|   |      |
|---|------|
| Ned. K. Johnson Early Investigator Award, American Ornithological Society       | 2021 |
| Natural History Section Student Award, Ecological Society of America Conference | 2016 |
| Alexander Wilson Prize for Best Paper, North American Ornithological Conference | 2016 |
| Overall First Prize, Harry W. Greene Grilled Cheese Contest, Cornell University | 2016 |
| Finalist, Cornell University 3 Minute Thesis Competition                        | 2016 |
| James F. Slevin Assignment Sequence Prize, Knight Institute, Cornell University | 2016 |
| Early Career Ecologist Mentorship Award, Ecological Society of America          | 2016 |

## RESEARCH GRANTS

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| Smithsonian Institution Scholarly Studies Award (2022)   | \$44,181 |
| National Geographic Society Early Career Grant (2020)  | \$9,101  |
| National Science Foundation Collaborative Research Grant (2019)<br>Evolution of cooperation in social woodpeckers (supplement) | \$82,077 |
| American Ornithological Society Conference Travel Grant (2017)   | \$250    |
| Cornell University Conference Travel Grant (2016)  | \$350    |
| American Ornithologists Union Conference Travel Award (2016)   | \$100    |
| Explorer's Club Exploration Fund (2015)  | \$1,000  |
| Athena Fund (2015)   | \$5,000  |
| Cornell Graduate School Conference Travel Grant (2014)   | \$360    |
| Athena Fund (2013)   | \$5,000  |
| Cornell Graduate School Research Travel Grant (2013)   | \$1,930  |
| Sigma-Xi Grants-in-Aid-of-Research Award (2013)  | \$700    |
| Sigma-Xi (Cornell Chapter) Research Award (2013)   | \$600    |
| Athena Fund (2012)   | \$6,000  |
| Atkinson Centre Sustainable Biodiversity Fund (2012)   | \$5,000  |
| Paul Feeny Fund (2012)   | \$810    |
| Athena Fund (2011)   | \$1,800  |

## TEACHING EXPERIENCE

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### Guest Faculty

|   |            |
|---|------------|
| Smithsonian Natural History Research Experiences (National Museum of Natural History) | 2021       |
| George Mason University, Introduction to Animal Behavior (BIOL 472)                   | 2020       |
| Ithaca College, Introduction to Avian Biology   | 2020       |
| SPROUTS (India), Online Ornithology Course <a href="#">Link</a>                       | 2020       |
| SPROUTS, Mumbai Lecture Series  | 2015       |
| Wildlife Institute of India   | 2013, 2014 |

**Instructor**

Skype a Scientist-

Interactive classrooms for grade school students on evolutionary biology

2020-present

Cornell University-

Ecology and Evolution on Islands, Freshman Writing Seminar (BIOEE 1640)

Fall 2015

**Teaching Assistant**

2012-2016

**Cornell University Courses:** Ecology and the Environment (Head TA, BIOEE 1610), Introduction to Conservation Biology (Head TA, BIOEE 2670), Introduction to Evolutionary Biology and Diversity (Head TA, BIOEE 1780) and Tropical Field Ornithology (BIOEE 2460)

**Academic Mentoring** I have mentored 18 undergraduate and 10 graduate students from five countries. Selected students and mentoring experience below

2010-present

| <b>Student</b>       | <b>Academic Institution</b>                       | <b>Degree</b>        | <b>Year</b>  |
|----------------------|---|----------------------|--------------|
| Martin Burmeister    | University of Applied Sciences, Germany.          | Undergraduate thesis | 2010-2011    |
| Vijay Ramesh         | Columbia University, United States                | PhD thesis           | 2014-Present |
| Soham Dixit          | University of Bonn, Germany                       | Master's thesis      | 2015-Present |
| Taylor Crisologo     | Cornell University, United States                 | Undergraduate thesis | 2015-2016    |
| Anisha Jayadevan     | National Centre for Biological Sciences, India    | Master's internship  | 2015         |
| Manon Munoz          | University of Tours, France                       | Undergraduate thesis | 2015         |
| Toni Dotterer        | National Museum of Natural History, United states | Intern               | 2017-2021    |
| Tarun Menon          | Indian Institute of Science, India                | PhD thesis           | 2020-Present |
| Samantha Rutledge    | National Museum of Natural History, United States | Virtual intern       | 2020-Present |
| Efrain Salazar-Ortiz | National Museum of Natural History, United States | Virtual intern       | 2021-2022    |
| Mariana Quintero     | National Museum of Natural History, United States | Intern               | 2022-Present |
| Pranav Gokhale       | National Museum of Natural History, United States | Technician           | 2022-Present |

**INVITED TALKS AND SEMINARS**

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| <b>NPTEL Basic Course in Ornithology, (online)</b> Invited Seminar                                 | 2022 |
| <b>Mumbai University, Mithibai College, Mumbai (India)</b> Invited Seminar                         | 2022 |
| <b>Indian Institute of Science Education and Research, Mohali (India)</b> Invited Seminar          | 2022 |
| <b>Nature Conservation Foundation (India)</b> Invited Research Seminar                             | 2022 |
| <b>Indian Institute of Science, Centre for Ecological Sciences (India)</b>                         | 2022 |
| <b>Azim Premji University (India)</b> Invited Research Seminar                                     | 2022 |
| <b>National Center for Biological Sciences (India)</b> Invited Seminar                             | 2022 |
| <b>Wildlife Institute of India (India)</b> Invited Research Seminar                                | 2022 |
| <b>Smithsonian National Museum of Natural History (DC)</b> Invited Research Seminar                | 2022 |
| <b>Archbold Biological Station (FL)</b> Invited Research Seminar                                   | 2022 |
| <b>University of Maryland (MD)</b> Invited Research Seminar  | 2022 |
| <b>Cal Poly Humboldt (CA)</b> Invited Research Seminar   | 2022 |
| <b>Ithaca College (NY)</b> Biology Seminar Series  | 2022 |
| <b>Zumbro Valley Audubon Society (MN)</b> Virtual Seminar  | 2022 |
| <b>Florida Museum of Natural History, Gainesville, Florida,</b> Virtual Seminar                    | 2022 |
| <b>Smithsonian Associates, Valentine's Day Special Program Smithsonian at 8</b><br>Virtual Seminar | 2022 |

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| <b>Patuxent Bird Club and Prince George's County Audubon Society</b>                                 | 2022 |
| Monthly Seminar Series Virtual Seminar   |      |
| <b>Southern Maryland Audubon Society</b> Monthly Seminar Series Virtual Seminar                      | 2021 |
| <b>Natural History Museum, Los Angeles</b> Research and Collections Virtual Seminar                  | 2021 |
| <b>Duke University</b> Long-term Animal Research Seminar Series Virtual Seminar                      | 2021 |
| <b>USGS</b> Eastern Ecological Science Centre's Lunch and Learn Virtual Seminar                      | 2021 |
| <b>Early Career Award Plenary</b> American Ornithological Society Conference Virtual Seminar         | 2021 |
| <b>Pondicherry University School of Life Sciences</b> Pondicherry, India Virtual Seminar             | 2021 |
| <b>Maricopa Audubon Society</b> Arizona, United States Virtual Seminar                               | 2021 |
| <b>University of Louisville</b> Louisville, KY Virtual Seminar                                       | 2021 |
| <b>Ram Narain Ruia College</b> Mumbai, India Virtual Seminar   | 2021 |
| <b>Center for Macroecology, Evolution and Climate</b> Copenhagen, Denmark Virtual Seminar            | 2021 |
| <b>Northern Virginia Bird Club</b> Monthly Speaker Series Virtual Seminar                            | 2021 |
| <b>Smithsonian National Museum of Natural History, Science Cafe</b> Virtual Seminar                  | 2021 |
| <b>Santa Clara Valley Audubon Society</b> Monthly Speaker Series Virtual Seminar                     | 2021 |
| <b>Audubon Society of Northern Virginia</b> Audubon Afternoon Virtual Seminar                        | 2021 |
| <b>Washington D.C. Audubon Society</b> Monthly Seminar Series Virtual Seminar                        | 2020 |
| <b>Nature Conservation Foundation</b> Weekly Seminar Series, Mysuru, India                           | 2020 |
| <b>Smithsonian Senate of Scientists</b> Invited Lightning Talk, Washington, DC                       | 2020 |
| <b>SPROUTS (NGO)</b> Earth Day Lecture, <a href="#">Link</a> , Mumbai, India                         | 2020 |
| <b>Princeton University</b> Integrative Research in Behavior Group, Princeton, NJ                    | 2020 |
| <b>Cape Henry Audubon Society</b> Monthly Seminar Series, Norfolk, VA                                | 2019 |
| <b>Old Dominion University</b> Biological Sciences Seminar, Norfolk, VA                              | 2019 |
| <b>National Museum of Natural History</b> Vertebrate Zoology Seminar, Washington, DC                 | 2018 |
| <b>Smithsonian Conservation Biology Institute</b> Rock Creek Seminar Series, Washington, DC          | 2018 |
| <b>Cal Poly</b> Biological Sciences Seminar, San Louis Obispo, CA                                    | 2017 |
| <b>University of Chicago</b> Darwin's Weekly Natural History Seminar Series, Chicago, IL             | 2016 |
| <b>Cornell Lab of Ornithology</b> Monday Night Seminar Series, Ithaca, NY                            | 2016 |
| <b>University of Cape Town</b> , Biosciences Seminar, Cape Town, South Africa                        | 2015 |
| <b>Centre for Ecological Sciences</b> Invited seminar, Indian Institute of Science, Bengaluru, India | 2014 |

#### SELECTED CONFERENCE PRESENTATIONS

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| <b>North American Ornithology Conference</b> Virtual <i>Invited symposium seminar</i> | 2021 |
| <b>American Society of Naturalists Meeting</b> , Virtual                              | 2021 |

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| <b>North American Ornithology Conference</b> , Virtual<br><i>Invited symposium seminar</i>                                    | 2020 |
| <b>American Ornithological Society Conference</b> , Anchorage, AL<br><i>Invited symposium seminar</i>                         | 2019 |
| <b>American Ornithological Society Conference</b> , Tuscon, AZ  | 2018 |
| <b>American Society of Naturalists Meeting</b> , Asilomar, CA   | 2018 |
| <b>American Ornithological Society</b> , East Lansing, MI   | 2017 |
| <b>North American Ornithological Conference</b> , Washington, DC<br><i>*Alexander Wilson Best Student Paper Award</i>         | 2016 |
| <b>Ecological Society of America Conference</b> , Fort Lauderdale, FL<br><i>* Best paper in Natural History Section Award</i> | 2016 |
| <b>Uttarakhand State Birding Festival</b> , Pawalgarh, Uttrakhand, India  | 2015 |
| <b>Society for the Study of Evolution Conference</b> , Raleigh, NC  | 2014 |

## OTHER PROFESSIONAL EXPERIENCE

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|---|-------------------------|
|   | <i>Research taxon</i>   |
| <b>Junior Research Fellow</b> , National Centre for Biological Sciences, India 2011 | <i>birds</i>            |
| <b>Project Leader</b> , Draco Trust, India 2010-2011                                | <i>snakes</i>           |
| <b>Researcher</b> , Aaranyak, India 2010  | <i>large mammals</i>    |
| <b>Researcher</b> , Tiger Watch, India 2007   | <i>small carnivores</i> |

## OUTREACH ACTIVITIES

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| <b>Expert Interview</b> , Wild Animals Podcast <a href="#">Link</a>   | 2023 |
| <b>Expert Interview</b> , WIRED Expert Answers Twitter Questions <a href="#">Link</a>   | 2022 |
| <b>Smithsonian YEAH Virtual Internship for High-school Students</b> , Webinar   | 2021 |
| <b>Smithsonian Science How, Live Webinar</b> <a href="#">Link</a><br>Participation by more than 650 students  | 2021 |
| <b>Expert Interview</b> , Afternoons on BBC Radio Berkshire   | 2021 |
| <b>#NatureNerding101 Outreach Series</b><br>Developed the Birding 101 and #SpeakBird mini-series for Twitter, Facebook and Instagram. The campaign generated 52,504 likes/comments/shares and reached over 0.7 million users. | 2020 |
| <b>Smithsonian Science How, Live Webinar</b> <a href="#">Link</a><br>Participation by more than 500 students  | 2020 |
| <b>Smithsonian Science How, Educational Webcast</b> <a href="#">Link</a><br>Participation by more than 2800 elementary school students  | 2020 |
| <b>The Expert Is In, and Volunteer Enrichment Programs</b>  | 2020 |
| <b>Instagram Take-over</b><br>Content viewed by over 129000 unique users and generated 8900 likes   | 2020 |
| <b>Expert Interview</b> Quirks and Quarks CBC Radio   | 2020 |



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| <b>Expert Interview</b> Scientific American Podcast  | 2020         |
| <b>Story-telling</b> , NAOC 2020 story-telling event. I told a story about my experiences speaking English as an immigrant in the USA <a href="#">Link</a> | 2020         |
| <b>Expert Interview</b> , The County, Naturally, Radio Talk Show 93.9 County FM  | 2019         |
| <b>Founder, moderator and editor</b> , www.scienceoutside.com <a href="#">Link</a>   | 2017-Present |
| <b>Consultant</b> , BBC “Wonders of India” series  | 2016         |
| <b>Expert</b> , Career with Birds, video interview, Cornell Lab of Ornithology <a href="#">Link</a>  | 2014         |
| <b>Nature Guide</b> , for over 10 not-for-profit-organizations in Mumbai, India  | 2004-2007    |

## SELECTED PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE

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| <b>Reviewer, over 30 manuscripts reviewed (selected journals)</b> American Naturalist, Auk, Avian Conservation and Ecology, Biotropica, Current Zoology, Diversity and Distribution, Ecology, Ecology and Evolution, EMU-Austral Ornithology, Evolutionary Applications, Frontiers in Ecology and Evolution, Global Ecology and Biogeography, Ibis, Journal of Avian Biology, Journal of Biogeography, Journal of Field Ornithology, Proceedings of the Royal Society B, Proceedings of the National Academy of Sciences-USA, Wilson Journal of Ornithology |              |
| <b>Elective Member</b> , American Ornithological Society  | 2021-present |
| <b>Member and Co-lead</b> , Science Structure Task Force (internal review sub-group)<br>National Museum of Natural History  | 2021-2022    |
| <b>Member</b> , Science Culture Task Force (external review sub-group)<br>National Museum of Natural History  | 2021-2022    |
| <b>Member</b> , Science Creative Communications Council (external review sub-group)<br>National Museum of Natural History   | 2022         |
| <b>Committee Lead</b> Diversity Equity, Inclusion, and Accessibility Committee<br>American Ornithological Society Annual Conferences  | 2021, 2022   |
| <b>Founder</b> , Mountain Ecology and Evolution Journal Club (Virtual)<br>Bi-weekly, attended by graduate students from 6 research institutes in India  | 2020-Present |
| <b>Editorial Board Member</b> , <i>Indian BIRDS</i> , New Ornithology Foundation  | 2020-Present |
| <b>Member</b> , Diversity and Inclusion Committee, American Ornithological Society  | 2019-Present |
| <b>Member</b> , Early Professionals Committee, American Ornithological Society  | 2019-Present |
| <b>Research Affiliate</b> , Wildlife Institute of India   | 2013-present |

## SKILLS AND RESEARCH TECHNIQUES

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|---|------|
| <b>Wilderness First Aid</b> , (including CPR/AED and epinephrine treatment),<br>Cornell Outdoor Education, Cornell University | 2016 |
| <b>Building Academic Mentorship Skills Certificate Program</b> , Cornell University   | 2016 |
| <b>Colman Leadership Program</b> , Cornell University   | 2016 |

## PROFESSIONAL SOCIETY MEMBERSHIPS

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American Ornithological Society, American Society of Naturalists, Ecological Society of America, Society for Integrative & Comparative Biology, Society for the Study of Evolution, Sigma Xi