Sahas Barve PhD

(+1) 650-669-0350 ◇ sbarve@archbold-station.org ◇ www.sahasbarve.com

PROFESSIONAL APPOINTMENTS

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

Certificate: Teaching and Learning in a Diverse Classroom CornellX (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

Peer-reviewed Publications Google Scholar

47. Beauchamp. G., Bakley T.B., Fitzpatrick J.W., **Barve S.** (In review, Animal Behavior) Breeding experience and pair-bond duration both increase reproductive success in an avian cooperative breeder

46. Lison A., Beauchamp G., **Barve S.** (in review, Royal Society Interface). Alerting and orienting attention in anti-predator vigilance: Neurocognitive modelling and behavioural evidence.

45. Shah S.S., Diamond J., **Barve S.**, Cosgrove E.J., Bowman R., Fitzpatrick J.W., Chen N. (In revision, Proceedings of the Royal Society B) Lifetime fitness benefits of breeding site fidelity and low costs of inbreeding permit inbreeding tolerance in an avian cooperative breeder.

44. Beres S., Bakley T., Summers J., Fitzpatrick J.W., **Barve S.** (in review, Journal of Animal Ecology). Spatial analysis reveals the nature of partial territorial inheritance by female Florida Scrub-Jays.

43. Thyme S., Lewia P., Krell J., **Barve S.** (in press, Florida Field Naturalist). Cliff Swallows (*Petrochelidon pyrrhonota*) breed in Glades and Highlands counties, Florida

42. Albery G., Bansal, S., Sweeny, A., Becker, D., Ravindran, S., Webber, Q., Firth, J., Vander Wal, E., Silk, M., de Moor, D., Newman, C., Macdonald, D., Buesching, C., Shizuka, D., Lyon, B., Chaine, A., Block, T., Madsen, A., Jacoby, D., Papastamatiou, Y., Caselle, J., Kusch, J., Lane, J., Pemberton, J., Clutton-Brock, T., Sheldon, B., VanderWaal, K., Pinter-Wollman, N., McDonald, R., Delahay, R., Walters, E., **Barve, S.**, Mourier, J., Planes, S., Spiegel, O., Sih, A., Payne, E., Sinn, D., Leu, S., Godfrey, S., Wohlfeil, C., Gardner, M., Manser, M., Ilany, A., Koren, L., Geffen, E., Jackson, J., Bradley, J., Paterson, S., Begon, M., Birtles, R., Wanelik, K., Telfer, S., Burthe, S., Lambin, X., Rodríguez-Muñoz, R., Hopwood, P., Tregenza, T., Kirkpatrick, L., Marien, J., Sluydts, V., Massawe, A., Sabuni, C., Leirs, H., Raulo, A., Knowles, S., Allen, B., Wilson-Aggarwal, J., Frere, C., Jackson, N., Fielding, H., Block, B., Curnick, D., Ferretti, F., Chapple, T., Carlisle, A., Schallert, R., Tickler, D., Cattuto, C., Ozella, L., Graham, A., Budischak, S., Pedersen, A., Fenton, A., Thomason, C., Babayan, S., Hammond, P., Cheney, B., Klarevas-Irby, J., Ogino, M., Farine, D., Nyaguthii, B., Nussear, K., Sah, P., Morelle, K., Heurich, M., Klamm, A., Miloš, J., Mann, J., Foroughirad, V., Jacoby, A., Collier, M., Krzyszczyk, E., Wielgus, E., Henrich, M., Rudd, L., Packer, C., Walmsley, S., Feyrer, L., Whitehead, H. (2025). Density-dependent network structuring within and across wild animal systems. ***Nature Ecology and Evolution*** **https://doi.org/10.1038/s41559-025-02843-z Link**

41. Smith O.A., Bakely T.D., Fitzpatrick J.W., **Barve S.** (2025). Florida Scrub-Jay *Aphelocoma coerulescens* reproductive success is associated with habitat variables and female breeder experience in the absence of helpers. ***Ibis*** 167(4): 1073-1079

40. Hood C., Bakely T.D., **Barve S.** 2025. Instance of a Mourning Dove (*Zenaida macroura*) re-using a Florida Scrub-Jay (*Aphelocoma coerulescens*) nest. ***Florida Field Naturalist*** 53(2): 34-39

39. **Barve S.**, Tori D. Bakley, Fitzpatrick J.W. 2025. Florida Scrub-Jays (*Aphelocoma coerulescens*) and fire: update from an ongoing multi-decadal experiment. ***Florida Field Naturalist*** 53(2): 29-33

38. Beauchamp G., Bakely T.D., Fitzpatrick J.W., **Barve S.** 2025. Food, weather, and population density, not social group composition, drive overwinter survival in Florida Scrub-Jays. ***Oecologia*** 205(5): 1-10

37. **Barve S.**, Bakley T. D., Tringali A., Fitzpatrick J.W., Bowman R. 2024. Warm winters lead to increased breeding effort, but lower reproductive success: Hidden costs of climate warming in a threatened bird. ***Ornithology*** ukae053

36. Beauchamp G., **Barve S.** 2024. Gazing strategies among sentinels of a cooperative breeder are repeatable but unrelated to survival. ***Biology*** 13:458 Link

35. Bala R., Kumar S.R., Gokhale P., Mohan D., **Barve S.** 2024. House sparrows (*Passer domesticus*) show an increase in body size and dorsal feather insulation along a Himalayan elevational gradient. ***Journal of Field Ornithology*** 95(2):10 # *Mentee lead-author* Link

34. Heather M. H., Bakley T., **Barve S**. 2024. Florida Scrub-Jay (*Aphelocoma coerulescens*) pair constructs highest nest on record for the species. ***Florida Field Naturalist*** 52: 11-16

33. Menon T., Ramesh V., **Barve S.** 2023. Himalayan birds that show the greatest elevational shifts remain within the narrowest thermal regimes. ***Global Ecology and Biogeography*** 32: 2111-2121

32. Johnson A.E.*, **Barve S.***, Dreiss L., Shizuka D., Walters E.L. 2023. Smoke alters patterns of movement and association in a cooperatively breeding bird. ***Current Biology*** 19: R996-997. * denotes equal co-authors.

31. Beauchamp G., **Barve S.** 2023. Multiple sentinels in a cooperative breeder synchronize rather than coordinate gazing. ***Animals*** 13:1524 Link

30. Koenig W.D., **Barve S.**, Haydock J., Dugdale H.L., Oli M.K., Walters E.L. 2023. Inclusive fitness of cooperative polygamy in the acorn woodpecker. ***Proceedings of the National Academy of Sciences, USA*** 120: e2219345120 Link

29. **Barve S.**, Daniel Cadena, C. 2022. Variation in insulative feather structure in songbirds replacing each other along a tropical elevation gradient. ***Ecology and Evolution*** 12: e8698. Link

28. 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

27. Thompson C.L., Alberti M., **Barve S.**, Battistuzzi F.U., Drake J.L., Govaert L., Partridge C., Yang Y. 2021. *Integrative and Comparative Biology*), Back to the future: Reintegrating biology to understand how past eco-evolutionary change can predict future outcomes. ***Integrative and Comparative Biology*** 61:2218-2232 Link

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

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

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 ecomorphology 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

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

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

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

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

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 (*Opihiophagus hannah*). ***Hamadryad***, 36:80-86

4. **Barve S.**, Warrier 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

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/ Non peer-reviewed Publications

Barve S. Menon T. 2024. Book Review: Ecology and Conservation of Mountain Birds. ***Ornithology*****, ukae017.** **Link**

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 contributers. 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

TECHNICAL REPORTS

Bakley T.D., Lynch S., Thyme S., **Barve S.**, 2025. Annual Banding Report and Population Summary of Florida Scrub-Jay (*Aphelocoma coerulescens*) Populations on the Lake Wales Ridge Wildlife and Environmental Area: Carter Creek, Henscratch, Highlands Park Estates, Holmes Avenue, Lake Placid Scrub, and McJunkin Tract. Annual Technical Report Report to the Florida Fish and Wildlife Conservation Commission. Highlands County, FL.

[Bakley T.D., Lynch S., Thyme S., Beres S. K., **Barve S.**, 2025. Distribution and population patterns of Florida Scrub-Jays on the Lake Wales Ridge Wildlife and Environmental Area: Results of regional surveys conducted July 2024. Annual Tech. Report to the Florida Fish and Wildlife Conservation Commission. Highlands County, FL.

Bakley T.D. and **Barve S.**, 2025. Report of Florida Scrub-Jays (*Aphelocoma coerulescens*) Along State Road 70. Special report to Florida Department of Transportation.

Bakley T.D., Beres S. K.,**Barve S.**, 2024. Florida Scrub-Jay Population Monitoring and Habitat Quality Assessments at Flamingo Villas Unit for USFWS. Monitoring Report to the U.S Fish and Wildlife Service. Avon Park, FL.

Bakley, T.D., Beres, S. K., **Barve S.**, 2024. Distribution and population of Florida Scrub-Jays in Carter Creek: Results of surveys conducted for USFWS Order No. 140FS323P0185. Monitoring Report to the U.S Fish and Wildlife Service. Avon Park, FL.

Beres, S. K., Bakley, T.D., **Barve S.**, 2024. Annual Banding Report and Population Summary of five Florida Scrub-Jay (*Aphelocoma coerulescens*) Populations on the Lake Wales Ridge Wildlife and Environmental Area: Carter Creek, Lake Placid Scrub, Henscratch, Highlands Park Estates and Holmes Avenue. Annual Tech. Report to the Florida Fish and Wildlife Conservation Commission. Highlands County, FL.

Bakley, T.D., Beres, S. K., **Barve S.**, 2024. Distribution and population patterns of Florida Scrub-Jays on the Lake Wales Ridge Wildlife and Environmental Area: Results of regional surveys conducted July- August 2023. Annual Tech. Report to the Florida Fish and Wildlife Conservation Commission. Highlands County, FL.

Beres, S. K., Bakley, T.D., **Barve S.**, 2024. Demography, Population Trends, and Management Recommendations for Florida Scrub-Jays on the McJunkin Tract of the Lake Wales Ridge Wildlife and Environmental Area. Annual Tech. Report to the Florida Fish and Wildlife Conservation Commission. Venus, FL.

Roberts, K., Bakley, T.D., **Barve S.**, Bowman, R., 2023. Annual Banding Report and Population Summary of five Florida Scrub-Jay (*Aphelocoma coerulescens*) Populations on the Lake Wales Ridge Wildlife and Environmental Area: Carter Creek, Silver Lakes, Sun 'N Lakes, Henscratch, and Jack Creek. Annual Tech. Report to the Florida Fish and Wildlife Conservation Commission. Highlands County, FL.

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

National Fellow, Explorers Club	*2023*
Maxwell/Hanrahan Award in Field Biology, Maxwell/Hanrahan Foundation	*2023*
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

Royal Society International Exchanges Global Round 2 (2024)	*$15,585*
Maxwell Hanrahan Foundation Science Illustration Internship Grant (2024)	*$15,000*
Maxwell Hanrahan Foundation Award in Field Biology (2023)	*$100,000*
Smithsonian Institution Scholarly Studies Award (2022)	*$44,181*
National Geographic Society Early Career Grant (2020)	*$9,101*
National Science Foundation Collaborative Research Grant (2019) 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*

RESEARCH CONTRACTS THROUGH ARCHBOLD BIOLOGICAL STATION

Florida Fish and Wildlife Conservation Commission: Florida Scrub-Jay monitoring and banding Lake Wales Ridge Wildlife and Environmental Areas (2023-2025)	*$120,050*
U.S. Fish and Wildlife Service: Florida Scrub-Jay monitoring habitat assessment Services Lake Wales Ridge National Wildlife Refuge (2023)	*$23,343*
U.S. Fish and Wildlife Service: Florida Scrub-Jay monitoring habitat assessment Services Headwaters of the Eevrglades National Wildlife Refuge (2024-2025)	*$49,570*
The Nature Conservancy: M4 Florida Scrub-Jay Translocation Project (2025)	*$98,408*

TEACHING EXPERIENCE

Guest Faculty

Ornithology Course (Colby College)	*2025*
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	*2020,21*
SPROUTS (India), Online Ornithology Course Link	*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 35 undergraduate and 16 graduate students from five countries. Currently I lead the Avian Ecology Program at Archbold Biological Station with a team typically of seven employees and interns

INVITED TALKS AND SEMINARS

Florida Trail Association Monthly Seminar *2025*

Hendry-Glades Audubon Chapter Monthly Seminar *2025*

University of California, Merced Quantitative and Systems Biology Seminar *2025*

U.S. Fish and Wildlife Service BirdCall Seminar *2024*

Bok Tower Bok is for the Birds Invited Seminar *2024*

Highlands Biological Station Zahner Lecture *2024*

Smithsonian National Museum of Natural History Life on our Planet, Distinguished Speaker *2024*

Audubon of Highlands County Spring Seminar Series *2024*

Defenders of Wildlife Drivers of Biodiversity Crisis Florida Focus, Panelist *2024*

Auburn University College of Forestry, Widllife and Environment Seminar Series *2024*

Bishop Museum of Natural History Invited Educational Seminar *2024*

NPTEL Basic Course in Ornithology, (online) Invited Seminar *2024*

Bok Tower Gardens Ask-me-anything about birds, Educational Seminar *2023*

Louisiana State University Museum of Natural History Seminar Series *2023*

University of North Florida Biology Seminar Series *2023*

University of Montana Ecology and Evolution Seminar Series *2023*

Bangor University, (In-person at Archbold Biological Station) *2023*

NPTEL Basic Course in Ornithology, (online) Invited Seminar *2023*

Mumbai University, Mithibai College, Mumbai (India) Invited Seminar *2023*

Indian Institute of Science Education and Research, Mohali (India) Invited Seminar *2022*

Nature Conservation Foundation (India) Invited Research Seminar *2022*

Indian Institute of Science, Centre for Ecological Sciences (India) *2022*

Azim Premji University (India) Invited Research Seminar *2022*

National Center for Biological Sciences (India) Invited Seminar *2022*

Wildlife Institute of India (India) Invited Research Seminar *2022*

Smithsonian National Museum of Natural History (DC) Invited Research Seminar *2022*

Archbold Biological Station (FL) Invited Research Seminar *2022*

University of Maryland (MD) Invited Research Seminar *2022*

Cal Poly Humboldt (CA) Invited Research Seminar *2022*

Ithaca College (NY) Biology Seminar Series *2022*

Zumbro Valley Audubon Society (MN) Virtual Seminar *2022*

Florida Museum of Natural History, Gainsville, Florida,Virtual Seminar *2022*

Smithsonian Associates, Valentine's Day Special Program Smithsonian at 8 *2022*
Virtual Seminar

Patuxent Bird Club and Prince George's County Audubon Soceity *2022*
Monthly Seminar Series Virtual Seminar

Southern Maryland Audubon Society Monthly Seminar Series Virtual Seminar *2021*

Natural History Museum, Los Angeles Research and Collections Virtual Seminar *2021*

Duke University Long-term Animal Research Seminar Series Virtual Seminar *2021*

USGS Eastern Ecological Science Centre's Lunch and Learn Virtual Seminar *2021*

Early Career Award Plenary American Ornithological Society Conference Virtual Seminar *2021*

Pondicherry University School of Life Sciences Pondicherry,India Virtual Seminar *2021*

Maricopa Audubon Society Arizona, United States Virtual Seminar *2021*

University of Louisville Louisville, KY Virtual Seminar *2021*

Ram Narain Ruia College Mumbai, India Virtual Seminar *2021*

Center for Macroecology, Evolution and Climate Copenhagen, Denmark Virtual Seminar *2021*

Northern Virginia Bird Club Monthly Speaker Series Virtual Seminar *2021*

Smithsonian National Museum of Natural History, Science Cafe Virtual Seminar *2021*

Santa Clara Valley Audubon Society Monthly Speaker Series Virtual Seminar *2021*

Audubon Society of Northern Virginia Audubon Afternoon Virtual Seminar *2021*

Washington D.C. Audubon Society Monthly Seminar Series Virtual Seminar *2020*

Nature Conservation Foundation Weekly Seminar Series, Mysuru, India *2020*

Smithsonian Senate of Scientists Invited Lightening Talk, Washington, DC *2020*

SPROUTS (NGO) Earth Day Lecture, Link, Mumbai, India *2020*

Princeton University Integrative Research in Behavior Group, Princeton, NJ *2020*

Cape Henry Audubon Society Monthly Seminar Series, Norfolk, VA *2019*

Old Dominion University Biological Sciences Seminar, Norfolk, VA *2019*

National Museum of Natural History Vertebrate Zoology Seminar, Washington, DC *2018*

Smithsonian Conservation Biology Institute Rock Creek Seminar Series, *2018*
Washington, DC

Cal Poly Biological Sciences Seminar, San Louis Obispo, CA *2017*

University of Chicago Darwin's Weekly Natural History Seminar Series, Chicago, IL *2016*

Cornell Lab of Ornithology Monday Night Seminar Series, Ithaca, NY *2016*

University of Cape Town, Biosciences Seminar, Cape Town, South Africa *2015*

Centre for Ecological Sciences Invited seminar, Indian Institute of Science, Bengaluru, India *2014*

SELECTED CONFERENCE PRESENTATIONS

American Ornithological Society Conference (poster), London, Ontario, Canada *2023*

American Ornithological Society Conference, San Juan Peurto Rico *2022*

American Ornithological Society Conference, *Invited symposium seminar* *2021*

American Society of Naturalists Meeting, Virtual *2021*

North American Ornithology Conference, Virtual
Invited symposium seminar *2020*

American Ornithological Society Conference, Anchorage, AL
Invited symposium seminar *2019*

American Ornithological Society Conference, Tuscon, AZ *2018*

American Society of Naturalists Meeting, Asilomar, CA *2018*

American Ornithological Society, East Lansing, MI *2017*

North American Ornithological Conference, Washington, DC
**Alexander Wilson Best Student Paper Award* *2016*

Ecological Society of America Conference, Fort Lauderdale, FL
** Best paper in Natural History Section Award* *2016*

Uttarakhand State Birding Festival, Pawalgarh, Uttrakhand, India *2015*

Society for the Study of Evolution Conference, Raleigh, NC *2014*

OTHER PROFESSIONAL EXPERIENCE

Research taxon

Junior Research Fellow, National Centre for Biological Sciences, India 2011 *birds*

Project Leader, Draco Trust, India 2010-2011 *snakes*

Researcher, Aaranyak, India 2010 *large mammals*

Researcher, Tiger Watch, India 2007 *small carnivores*

OUTREACH ACTIVITIES

Outreach activities for Archbold Biological Station (ABS) Avian Ecology Program

Darwin Day, Tour of ABS's Natural History Collection *2023*

Bird Lab Open House, Interactive Session for visitors about ABS Bird Science *2023*

Previous or non-Archbold Outreach activities

Expert Interview, Wild Animals Podcast Link *2023*

Expert Interview, WIRED Expert Answers Twitter Questions Link *2022*

Smithsonian YEAH Virtual Internship for High-school Students, Webinar *2021*

Smithsonian Science How, Live Webinar Link *2021*
Participation by more than 650 students

Expert Interview, Afternoons on BBC Radio Berkshire *2021*

#NatureNerding101 Outreach Series *2020*
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.

Smithsonian Science How, Live Webinar Link *2020*
Participation by more than 500 students

Smithsonian Science How, Educational Webcast Link *2020*
Participation by more than 2800 elementary school students

The Expert Is In, and Volunteer Enrichment Programs *2020*

Instagram Take-over *2020*
Content viewed by over 129000 unique users and generated 8900 likes

Expert Interview Quirks and Quarks CBC Radio *2020*

Expert Interview Scientific American Podcast *2020*

Story-telling, NAOC 2020 story-telling event. I told a story about my experiences speaking English as an immigrant in the USA Link *2020*

Expert Interview, The County, Naturally, Radio Talk Show 93.9 County FM *2019*

Founder, moderator and editor, www.scienceoutside.com Link *2017-Present*

Consultant, BBC "Wonders of India" series *2016*

Expert, Career with Birds, video interview, Cornell Lab of Ornithology Link *2014*

Nature Guide, for over 10 not-for-profit-organizations in Mumbai, India *2004-2007*

SELECTED PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE

Reviewer, over 75 manuscripts reviewed (selected journals) American Naturalist, 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, Ornithology, Proceedings of the Royal Society B, Proceedings of the National Academy of Sciences-USA, Wilson Journal of Ornithology

Member, U.S. Fish and Wildlife Service Florida Scrub-Jay Recovery Team *2024-present*

National Fellow, Explorer's Club *2023-present*

Co-Chair Research Awards Committee, American Ornithological Society *2023-present*

Elective Councilor, American Ornithological Society *2023-present*

Elective Member, American Ornithological Society *2021-present*

Associate Editor, *Indian BIRDS*, New Ornis Foundation *2020-Present*

Member and Co-lead, Science Structure Task Force (internal review sub-group) *2021-2022*

National Museum of Natural History

Member, Science Culture Task Force (external review sub-group) *2021-2022*

National Museum of Natural History

Member, Science Creative Communications Council (external review sub-group) *2022*
National Museum of Natural History

Committee Lead Diversity Equity, Inclusion, and Accessibility Committee
American Ornithological Society Annual Conferences *2021, 2022*

Founder, Mountain Ecology and Evolution Journal Club (Virtual) *2020-2022*
Bi-weekly, attended by graduate students from 6 research institutes in India

Member, Diversity and Inclusion Committee, American Ornithological Society *2019-Present*

Member, Early Professionals Committee, American Ornithological Society *2019-Present*

Research Affiliate, Wildlife Institute of India *2013-present*

SKILLS AND RESEARCH TECHNIQUES

Wilderness First Aid, (including CPR/AED and epinephrine treatment),
Cornell Outdoor Education, Cornell University *2016*

Building Academic Mentorship Skills Certificate Program, Cornell University *2016*

Colman Leadership Program, Cornell University *2016*

PROFESSIONAL SOCIETY MEMBERSHIPS

American Ornithological Society, American Society of Naturalists, Ecological Society of America, Explorer's Club, Society for Integrative & Comparative Biology, Society for the Study of Evolution