



Alejandra Echeverri Ochoa

Postdoctoral Scholar, Biology

Bio

BIO

Dr. Alejandra Echeverri is an interdisciplinary conservation scientist and a postdoctoral fellow with the Natural Capital Project at Stanford University. Alejandra's research focuses on integrating the ecological and the social dimensions of biodiversity. Her academic research has focused on understanding human-nature relationships, such as how human impacts to the environment (such as habitat conversion and climate change) impact biodiversity, and how biodiversity impacts people by providing psychological benefits or harms. Her research areas are: ecology, ecosystem services, conservation psychology, human dimensions of wildlife, and tropical ornithology. Aside from her academic work, Alejandra has worked as an environmental consultant for infrastructure projects in Colombia, is a National Geographic Young Explorer, and an advocate for youth engagement in the United Nations Convention on Biological Diversity.

HONORS AND AWARDS

- Freda Pagani Award for Outstanding Doctoral Dissertation, University of British Columbia (2020)
- Raja Rosenbluth Award for Women in Biological Sciences, University of British Columbia (2018)
- Isaac Walton Killam Doctoral Scholarship, Killam Trusts (2017)
- Les Lavkulich Award for Outstanding Leadership and Service, University of British Columbia (2017)
- Freda Pagani Award for Outstanding Master's thesis, University of British Columbia (2016)
- National Geographic Young Explorers Grant, National Geographic Foundation (2016)
- Werner and Hildegard Hesse Research Award in Ornithology, University of British Columbia (2016)
- Graduate Global Leadership Fellowship, University of British Columbia (2015)
- R Howard Webster Foundation Fellowship, Green College at the University of British Columbia (2013)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Youth Delegate at the Conference of the Parties of the United Nations Convention on Biological Diversity, Global Youth Biodiversity Network (2016 - 2016)
- President for the Resources, Environment, and Sustainability Student Society, Institute for Resources, Environment, and Sustainability at the University of British Columbia (2015 - 2016)
- Volunteer and Junior Branch Representative, CISV Colombia (1998 - 2012)

PROFESSIONAL EDUCATION

- PhD, University of British Columbia , Resources, Environment, and Sustainability (2019)
- MSc, University of British Columbia , Resource Management and Environmental Studies (2015)
- BSc, Universidad de los Andes , Biology (2012)

STANFORD ADVISORS

- Gretchen Daily, Postdoctoral Faculty Sponsor
- Gretchen Daily, Postdoctoral Research Mentor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am an interdisciplinary conservation scientist interested in studying the social and ecological dimensions of biodiversity conservation in Latin America. I study questions related to the cultural value of biodiversity, the human footprint on ecological communities, and the policy interventions that can be done to support biodiversity conservation across Latin American ecosystems.

My work sits at the intersection of various academic fields, mostly drawing from ecosystem services, community ecology, biogeography, conservation psychology, and human-animal studies.

LAB AFFILIATIONS

- Gretchen Daily (2/18/2020)

Publications

PUBLICATIONS

- **Avian cultural services peak in tropical wet forests** *CONSERVATION LETTERS*
Echeverri, A., Karp, D. S., Frishkoff, L. O., Krishnan, J., Naidoo, R., Zhao, J., Zook, J., Chan, K. A.
2020
- **Complex landscapes stabilize farm bird communities and their expected ecosystem services** *JOURNAL OF APPLIED ECOLOGY*
Smith, O. M., Kennedy, C. M., Echeverri, A., Karp, D. S., Latimer, C. E., Taylor, J. M., Wilson-Rankin, E. E., Owen, J. P., Snyder, W. E.
2022
- **Shifts in species interactions and farming contexts mediate net effects of birds in agroecosystems** *ECOLOGICAL APPLICATIONS*
Olimpi, E. M., Garcia, K., Gonthier, D. J., De Master, K. T., Echeverri, A., Kremen, C., Sciligo, A. R., Snyder, W. E., Wilson-Rankin, E. E., Karp, D. S.
2020; 30 (5): e02115
- **Iconic manakins and despicable grackles: Comparing cultural ecosystem services and disservices across stakeholders in Costa Rica** *ECOLOGICAL INDICATORS*
Echeverri, A., Naidoo, R., Karp, D. S., Chan, K. A., Zhao, J.
2019; 106
- **Precipitation and tree cover gradients structure avian alpha diversity in North-western Costa Rica** *DIVERSITY AND DISTRIBUTIONS*
Echeverri, A., Frishkoff, L. O., Pablo Gomez, J., Zook, J. R., Juarez, P., Naidoo, R., Chan, K. A., Karp, D. S.
2019; 25 (8): 1222–33
- **Using the Phylo Card Game to advance biodiversity conservation in an era of Pokemon** *PALGRAVE COMMUNICATIONS*
Callahan, M. M., Echeverri, A., Ng, D., Zhao, J., Satterfield, T.
2019; 5
- **Remnant forest in Costa Rican working landscapes fosters bird communities that are indistinguishable from protected areas** *JOURNAL OF APPLIED ECOLOGY*
Karp, D. S., Echeverri, A., Zook, J., Juarez, P., Ke, A., Krishnan, J., Chan, K. A., Frishkoff, L. O.
2019; 56 (7): 1839–49
- **Eco-xenophobia among rural populations: the Great-tailed Grackle as a contested species in Guanacaste, Costa Rica** *HUMAN DIMENSIONS OF WILDLIFE*
Dinat, D., Echeverri, A., Chapman, M., Karp, D. S., Satterfield, T.

2019; 24 (4): 332–48

- **Can avian functional traits predict cultural ecosystem services?** *PEOPLE AND NATURE*
Echeverri, A., Karp, D. S., Naidoo, R., Tobias, J. A., Zhao, J., Chan, K. M.
2019; 14
- **Evolving Food Safety Pressures in California's Central Coast Region** *FRONTIERS IN SUSTAINABLE FOOD SYSTEMS*
Olimpi, E. M., Baur, P., Echeverri, A., Gonthier, D., Karp, D. S., Kremen, C., Sciligo, A., De Master, K. T.
2019; 3: 24
- **Do correlated responses to multiple environmental changes exacerbate or mitigate species loss?** *OIKOS*
Frishkoff, L. O., Echeverri, A., Chan, K. A., Karp, D. S.
2018; 127 (12): 1724–34
- **Approaching human-animal relationships from multiple angles: A synthetic perspective** *BIOLOGICAL CONSERVATION*
Echeverri, A., Karp, D. S., Naidoo, R., Zhao, J., Chan, K. A.
2018; 224: 50–62
- **Agriculture erases climate-driven beta-diversity in Neotropical bird communities** *GLOBAL CHANGE BIOLOGY*
Karp, D. S., Frishkoff, L. O., Echeverri, A., Zook, J., Juarez, P., Chan, K. A.
2018; 24 (1): 338–49
- **Explicit Not Implicit Preferences Predict Conservation Intentions for Endangered Species and Biomes** *PLOS ONE*
Echeverri, A., Callahan, M. M., Chan, K. A., Satterfield, T., Zhao, J.
2017; 12 (1): e0170973
- **How Messaging Shapes Attitudes toward Sea Otters as a Species at Risk** *HUMAN DIMENSIONS OF WILDLIFE*
Echeverri, A., Chan, K. A., Zhao, J.
2017; 22 (2): 142–56