



Jorge Ramos Jr

Academic Prog Prof Mgr, Jasper Ridge

Bio

BIO

Dr. Jorge Ramos is the Executive Director of the Jasper Ridge Biological Preserve and a Lecturer in the Department of Biology at Stanford University. Jorge oversees the research, education and conservation actions of Jasper Ridge. From 2019 to 2023, he co-taught along with Dr. Rodolfo Dirzo the Ecology and Natural History of Jasper Ridge Biological Preserve that immerses students in the scientific basis of ecological research in the context of a field station and multidisciplinary environmental education. After completing this PhD, Jorge worked at Conservation International in Washington DC, where he was the manager of the Blue Climate team in the Center for Oceans, a role in which he helped develop, implement, and manage coastal community carbon conservation projects worldwide. Jorge has also founded and led national and international initiatives to promote the inclusion and retention of a diverse population in science, including taking on local and national-level leadership roles with Latino Outdoors, Ecological Society of America, Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS), NSF GK-12 Sustainability Schools Program, Long-Term Ecological Research (LTER) network and Save the Redwoods League. In 2023, Jorge received Eugene P. Odum Award for Excellence in Ecology Education from the Ecological Society of America for his 20+ years of supporting ecological educational activities for historically marginalized communities in research and field stations.

CURRENT ROLE AT STANFORD

Executive Director, Jasper Ridge Biological Preserve, Stanford University

Lecturer, Department of Biology, Stanford University

Member, Lab Safety Committee, Department of Biology, Stanford University

Council member, Environmental Justice Working Group, Stanford University

Chapter Advisor, ESA SEEDS Chapter, Stanford University

Chapter Advisor, SACNAS Chapter, Stanford University

Member, Diversity Equity Inclusion and Belonging Committee, Dept of Biology, Stanford University (2020-2022)

HONORS AND AWARDS

- Eugene P. Odum Award for Excellence in Ecology Education, Ecological Society of America (2023)
- Human Diversity Award to Jasper Ridge Biological Preserve, accepted by Jorge Ramos, Organization of Biological Field Stations (2021)
- Sustainability Science for Sustainable Schools Fellowship, National Science Foundation GK-12 Program (2015)
- Minority Graduate Education at Mountain States Alliance (MGE@MSA) Scholarship, Western Alliance to Expand Student Opportunities (WAESO) and National Science Foundation (2011-2016)
- National Science Foundation Graduate Research Fellowship, National Science Foundation (2011-2013)
- EcoService Award, Union of Concerned Scientists and Ecological Society of America Student Section (2011)
- Ford Foundation PreDoctoral Honorable Mention, Ford Foundation Fellowship Program (2011, 2012)

- Graduate Opportunities & Minority Achievement Fellowship, Graduate School, University of Washington (2007-2009)
- Dandoles Alas a tu Exito/Giving Flight to Your Success, Hispanic Association of Colleges and Universities (HACU)/Southwest Airlines (2008)
- SEEDS Undergraduate Research Fellowship, SEEDS, Ecological Society of America (2005)

EDUCATION AND CERTIFICATIONS

- Ph.D., Arizona State University (2017)
- M.S., University of Washington (2011)
- B.S., University of Texas at El Paso (2006)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Council Member, Save the Redwoods League (3/25/2021)
- Advisory Board Member, Latino Outdoors (9/1/2019)
- Mentor, SEEDS Program, Ecological Society of America (8/1/2006)
- Science Committee, Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) (8/1/2005)
- Mentor, Mentoring365, American Geophysical Union (6/1/2019)
- Mentor, Ecology + : Broadening Pathways to Ecological Careers through a Collective Impact Approach (5/1/2018 - 4/30/2019)
- Member, Coalition for Public Understanding of Science (10/17/2019)

LINKS

- Jasper Ridge Biological Preserve: <https://jrpb.stanford.edu/>

Teaching

COURSES

2022-23

- Ecology and Natural History of Jasper Ridge Biological Preserve: BIO 105A (Win)
- Ecology and Natural History of Jasper Ridge Biological Preserve: BIO 105B (Spr)
- Ecology and Natural History of Jasper Ridge Biological Preserve: EARTHSYS 105A (Win)
- Ecology and Natural History of Jasper Ridge Biological Preserve: EARTHSYS 105B (Spr)

2021-22

- Ecology and Natural History of Jasper Ridge Biological Preserve: BIO 105A (Win)
- Ecology and Natural History of Jasper Ridge Biological Preserve: BIO 105B (Spr)
- Ecology and Natural History of Jasper Ridge Biological Preserve: EARTHSYS 105A (Win)
- Ecology and Natural History of Jasper Ridge Biological Preserve: EARTHSYS 105B (Spr)

2020-21

- Ecology and Natural History of Jasper Ridge Biological Preserve: BIO 105B, EARTHSYS 105B (Spr)

Professional

WORK EXPERIENCE

- Associate Director for Environmental Education - Stanford University (5/15/2019 - 9/30/2022)
- Manager, Center for Oceans - Conservation International (2017 - 2019)
- SEEDS Student Coordinator - Ecological Society of America (1/1/2006 - 6/30/2006)

- Wetland and Amphibian Ecology Technician - U.S. Fish and Wildlife Service (USFWS) (5/1/2004 - 9/1/2004)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, Organization of Biological Field Stations (OBFS) (2019 - present)
- Member, Society of Latinxs/Hispanics in Earth and Space Science (SOLESS) (2019 - present)
- Chair, Environmental Justice Section, Ecological Society of America (2019 - 2021)
- Member, The International Network of Next-Generation Ecologists (INNGE) (2011 - 2019)
- Chair, Student Section, Ecological Society of America (2011 - 2012)
- Member, American Geophysical Union (AGU) (2010 - present)
- Member, Long Term Ecological Research Network (LTER) (2005 - 2017)
- Advisory Board Member (2019-2021) and Meeting Advisor, Strategies for Ecology Education, Diversity and Sustainability (SEEDS-ESA) (2004 - present)
- Member, Ecological Society of America (ESA) (2004 - present)
- National Committee Member and Stanford Chapter Advisor, Society for the Advancement of Chicanos/Latinos and Native Americans in Science (SACNAS) (2004 - present)

Publications

PUBLICATIONS

- **Five Ways to Become a Science Advocate in 2020**
Varga, M., Ramos, J., Valorie, A.
Medium. <https://medium.com/stem-and-culture-chronicle/five-ways-to-become-a-science-advocate-in-2020-d12d053b895>.
2020
- **Fourteen Recommendations to Create a More Inclusive Environment for LGBTQ+ Individuals in Academic Biology** *CBE—Life Sciences Education*
Cooper, K. M., et al
2020
- **Y tú, de dónde eres?**
Ramos, J.
Bay Nature Magazine. <https://baynature.org/2020/08/19/natural-history-through-time/>.
2020
- **Tidal Saltmarshes** *Nature's Solutions to Climate Change*
Ramos, J.
CEMEX Nature, <http://www.cemexnature.com/libro/natures-solutions-to-climate-change/>.2019
- **Consumption explains intraspecific variation in nutrient recycling stoichiometry in a desert fish** *ECOLOGY*
Moody, E. K., Carson, E. W., Corman, J. R., Espinosa-Perez, H., Ramos, J., Sabo, J. L., Elser, J. J.
2018; 99 (7): 1552–61
- **Foundations and Frontiers of Ecosystem Science: Legacy of a Classic Paper (Odum 1969)** *ECOSYSTEMS*
Corman, J. R., Collins, S. L., Cook, E. M., Dong, X., Gherardi, L. A., Grimm, N. B., Hale, R. L., Lin, T., Reichmann, L. G., Sala, O. E.
2018: 1-13
- **Maximising return on conservation investment in the conterminous USA.** *Ecology letters*
Withey, J. C., Lawler, J. J., Polasky, S., Plantinga, A. J., Nelson, E. J., Kareiva, P., Wilsey, C. B., Schloss, C. A., Nogeire, T. M., Ruesch, A., Ramos, J., Reid, W.
2012; 15 (11): 1249-1256
- **Ecological Society of America's Initiatives and Contributions during the Deepwater Horizon Oil Spill** *BULLETIN OF THE ECOLOGICAL SOCIETY OF AMERICA*
Ramos, J., Lymn, N., Salguero-Gomez, R., Power, M.
2012; 93 (2): 115-116

- **The next generation of peer reviewing** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
Zimmerman, N., Salguero-Gomez, R., Ramos, J.
2011; 9 (4): 199-199
- **Special Session 5 Student Diversity: Trail Blazers in Transforming the Culture of Ecology** *BULLETIN OF THE ECOLOGICAL SOCIETY OF AMERICA*
Mourad, T., Rino, R., Berkowitz, A. R., Finley, A., Ramos, J.
2009; 90 (1): 103-108
- **SEEDS of a New Millennium** *BULLETIN OF THE ECOLOGICAL SOCIETY OF AMERICA*
Wong, C., Baquera, N., Colon-Rivera, R., Machona, B., McLaughlin, C., Ramos, J., Rivera, A., Sanfiorenzo, C., Face-Collins, M. S., Tooke, T., Vasquez-Radonic, L., Vickery, K.
2006; 87 (3): 225-228