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| **Leah R. Gerber**  **Arizona State University**  **Founding Director ●** Center for Biodiversity Outcomes  **Professor ●** School of Life Sciences, College of Liberal Arts and Sciences | | | | | | | |
|  | | | | | | | |
| **Icon  Description automatically generated** | [leah.gerber@asu.edu](mailto:leah.gerber@asu.edu) |  | [web.asu.edu/gerber](https://sols.asu.edu/leah-gerber)  [biodiversity.asu.edu](https://sustainability.asu.edu/biodiversityoutcomes/) |  | (480) 727-3109 |  | PO Box 875402  Tempe, AZ 85287 |

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| Icon  Description automatically generated | [Leah Gerber](https://www.youtube.com/channel/UChhOOeXFAGYrfknI3JvwlCw/videos) | A green and white map  Description automatically generated with low confidence | [@LeahLeopold](https://twitter.com/leahleopold?lang=en) |  | [Leah Gerber](https://www.researchgate.net/profile/Leah-Gerber) |

**Education**

1998 PhD, Wildlife Ecology, University of Washington, Seattle, Washington

1993 MMA, Marine Policy, University of Washington, Seattle, Washington

1992 BA, Environmental Biology & French, Mills College, Oakland, California

**Professional Appointments**

2013- Professor, Arizona State University, Tempe, AZ

2017-18 Fulbright Fellow, University de San Francisco de Quito, Ecuador

2017- Adjunct Faculty, Leuphana University, Luneburg, Germany

2017- Fellow, Institute for the Future of Innovation in Society, ASU, Tempe AZ

2013- Honors Faculty, Barrett Honors College, Arizona State University, Tempe, AZ

2013- Affiliate Faculty, Applied Math for Life and Social Sciences, Arizona State University, AZ

2011- Senior Sustainability Scientist, Global Institute of Sustainability, Tempe, AZ

2011- Affiliate Faculty, School of Public Affairs, Arizona State University, Tempe, AZ

2010-11 Distinguished Visiting Associate Professor, UC Santa Barbara, Santa Barbara, CA

2009-10 Sabbatical Fellow, National Center for Ecological Analysis and Synthesis, SB, CA

2007-13 Exemplar Associate Professor, Arizona State University, Tempe, AZ

2002-07 Assistant Professor, School of Life Sciences, Arizona State University, Tempe, AZ

1999-02 Postdoctoral Fellow, National Center for Ecological Analysis and Synthesis, SB, CA

1993-98 Marine Ecologist, National Marine Mammal Laboratory, Seattle, WA

1992-93 Biological Diversity Associate, Center for Marine Conservation, Seattle, WA

**Leadership**

2014-Current Founding Director, Center for Biodiversity Outcomes, Arizona State University

* Envisioned and executed the establishment of academic boundary organization to cultivate innovation among ASU’s diverse scholars and link this scholarship to practitioner needs in governmental, NGO and corporate sectors.
* Developed strategic plan, led staff hiring, engaged faculty affiliates and program leads. Supported alignment of activities by securing, coordinating, and configuring resources, capacity, and projects to address the most critical science questions, threats and strategies.
* Developed a fundraising and development plan for the Center’s growth, which grew from a modest internal investment to multi-million dollar enterprise.
* Established partnership programs with a dozen external organizations, organized collaborative efforts among faculty and with partners and served as the primary spokesperson for CBO to internal and external audiences to cultivate support and promote CBO’s mission and vision.

**Teaching**

2018- Arizona State University: Marine ecology and conservation

2017- University de San Francisco de Quito: Environmental leadership and communication

2016- Arizona State University: Quantitative methods in conservation and ecology

2012- Arizona State University: Environmental leadership and communication

2011- Arizona State University: Conservation biology and ecological sustainability

2011 UC Santa Barbara: Conservation planning

2010 UC Santa Barbara: Environmental modelling

2007 Arizona State University: Principles of sustainability (co-instructor)

2006-8 Arizona State University: Marine mammal behavior and conservation

2002- Arizona State University: Quantitative conservation biology

2003 Arizona State University: Applications of behavioral ecology to conservation biology

2003- Arizona State University: Marine conservation biology

2002 University of Oregon: Marine protected areas (field course at marine lab)

2002 Prescott College: Marine mammal biology and conservation (field course in Mexico)

2000 University of California at Santa Barbara: Problem-solving in conservation biology

1999 University of California at Santa Barbara: Graduate seminar on ESA recovery plans

1998 The Nature Conservancy: Population viability analysis workshop

1998 University of Washington, Friday Harbor Laboratories: Marine conservation biology

1993 University of Washington: Ecology and the biosphere

**Grants and Research Contracts**

*Unless otherwise indicated, LRG is principal investigator.*

2022 ASU Women in Philanthropy ($50,000, PI: Gwen Iacona)

2021 NSF SOS-DCI ($625,000)

2021 USAID ($800,000; PI: Percy Summers)

2020 Electric Power Research Institute ($168,000)

2020 Bayer Charitable Trusts ($490,000)

2019 Johnson Foundation ($200,000)

2019 Pew Charitable Trusts, Lenfest Ocean Program ($350,000)

2018 NSF ADVANCE ($1,730,447; PI: Elizabeth Wentz)

2017 NSF, Science of Science & Innovation Policy ($392,000)

2017 Nippon Foundation ($120,000; PI: Jack Kittinger)

2016 NCEAS, Science and Nature for People ($200,000)

2016 Levi Strauss Corporation ($60,000)

2016 The Nature Conservancy ($100,000)

2016 Central Arizona Conservation Alliance ($12,000)

2015 NCEAS, Science and Nature for People ($125,000)

2015 The Earth Genome ($110,000)

2014 National Socio-Environmental Synthesis Center ($85,000)

2014 ASU, Center for Biodiversity Outcomes seed support (1.5M)

2013 The Lighthouse Foundation ($81,000)

2012 National Center for Ecological Analysis and Synthesis ($37,000)

2012 The Walton Family Foundation ($30,000)

2012 NOAA, Pacific Islands Fishery Science Center ($24,000)

2012 The Field Family Foundation ($3,500)

2011 The Center for Independent Experts ($8,000)

2010 NOAA, Hawaiian Monk Seal Recovery Program ($17,000)

2009 The Nature Conservancy ($60,000)

2008 The Pew Charitable Trust, Lenfest Ocean Program ($342,000)

2007 ASU, Promotion and Tenure Exemplar ($50,000)

2006 The David and Lucile Packard Foundation ($40,000)

2006 NSF, Developing Global Scientists and Engineers ($20,000)

2006 The Ocean Foundation ($45,000)

2005 Conservation International ($40,000)

2005 ASU University-School Partnerships ($12,000; N Crocker, C. Saltz, M. Elser, D. White)

2004 The David and Lucile Packard Foundation ($30,000)

2004 NSF, Undergraduate Mentoring in Environmental Biology ($60,000; PI: J. Collins, ASU)

2004 NSF, Faculty Early Career Development Award ($550,000; including 5 REU supplements)

2003 The David and Lucile Packard Foundation ($205,275; PI: E. Sala, UCSD)

2003 The Tinker Foundation ($107,000; PI: E. Sala, UCSD)

2003 World Wildlife Fund, Mexico ($30,000)

2003 Conservation International ($60,000; PI E. Sala, UCSD)

2001 USGS, National Wildlife Health Laboratory Contract ($9,000)

1998 NOAA, Endangered Species Act Implementation Grant ($21,000; PI: G. VanBlaricom, UW)

1. NOAA, National Marine Mammal Laboratory Research Contract ($5,000)

1998 New Zealand Squid Fishery Management Council Contract ($5,000; PI: R. Hilborn, UW)

1997 NOAA, Endangered Species Act Implementation Grant ($25,000; PI: G. VanBlaricom, UW)

1997 NOAA, National Marine Mammal Laboratory Research Contract ($5,000)

1. North Pacific Marine Mammal Research Consortium Grant ($10,000)
2. NOAA, Endangered Species Act Implementation Grant ($24,000; PI: G. VanBlaricom, UW)
3. US Marine Mammal Commission Research Contract ($5,000)

1994 NOAA, Southwest Fisheries Science Center Research Contract ($7,500)

1993 NOAA, National Marine Mammal Laboratory Research Contract ($2,500)

1992 North Pacific States Marine Fisheries Commission Research Contract ($4,500)

**Academic Awards, Fellowships and Honors**

2022 Spirit of Defenders Award for Science, Defenders of Wildlife

2020 Fellow, American Association for the Advancement of Science  
2020 Nominee, Faculty Women’s Association Outstanding Faculty Mentor Award

2017 Fellow, Ecological Society of America

2017 Fulbright Scholar, Ecuador, J. William Fulbright Foreign Scholarship Board

2017 Top 200 for 100 & Change Award, John D. and Catherine T. MacArthur Foundation

2015 Inspirational Faculty Award, ASU office of Student-Athlete Development

2011 Aldo Leopold Leadership Fellow, Stanford University

2010 Distinguished Visiting Associate Professor, UC Santa Barbara

2009 Significant contribution of women in science, *Women hold up half the sky*, Mills College

2008 Rising Star in Ecology, Ecological Society of America

2007 Promotion and Tenure Faculty Exemplar, Arizona State University

2006 ASU President’s Medal for Social Embeddedness, K-12 Environmental Education Program

2004 NSF Early Career Investigator Award

2003 U.S. Geological Survey toward Best Practices in Biocomplexity and Conservation Award

1998 Outstanding Doctoral Student Performance, Cooperative Fish and Wildlife Research Unit

**Recent Broader Impacts of Science**

***Selected videos and audio presentations***

2021 Expert Witness for U.S. Senate Committee on Environment and Public Works, [Examining Biodiversity Loss: Drivers, Impacts, and Potential Solutions](https://www.youtube.com/watch?v=vl56M9S9S04&list=PLQMLWfSHs9Ev-MIyrymRYEcJQmEbGrfap&index=6)

2020 Learn with Me ASU, [Extinction and the Value of Biodiversity](https://www.youtube.com/watch?v=9ArU5pAsPJw&list=PLQMLWfSHs9EtbK03Gq1OvWQsSv6k2VHf-)

2020 ASU Now, [Today I learned: How to save the environment](https://asunow.asu.edu/20200421-global-engagement-today-i-learned-how-save-environment?utm_campaign=ASU_ASU+Now+4-22-20&utm_medium=email&utm_source=ASU%20Now&utm_term=ASU&utm_content=%20Read+more_Earth+Day+video)

2020 ASU Now, [Leah Gerber on 50th Anniversary of Earth day](https://www.youtube.com/watch?v=mBQTTibHi88)  
2020 NCEAS, [Essential Skills for Early Career Ecologists](https://www.youtube.com/watch?app=desktop&v=lNuMETQPV58)

2020 Politico, Panelist, [Nature in Crisis](https://www.politico.com/live-events/2019/12/05/nature-in-crisis-000342)

2019 Congressional briefing, [Solving the Biodiversity Crisis and Saving Endangered Species: Solving the Biodiversity Crisis and Saving Endangered Species: The critical need for federal funding](https://www.youtube.com/watch?v=1ooBv-wjwbw&t=62s)

2019 ASU Now, [Got a minute? Leah Gerber on endangered species](https://www.youtube.com/watch?v=4ErTyF4DrjM&t=8s)

2019 Global Institute of Sustainability, [About ASU's Center for Biodiversity Outcomes](https://www.youtube.com/watch?v=cKkmzhwwtvA)

2019 Global Institute of Sustainability, [What is biodiversity and why is it important?](https://www.youtube.com/watch?v=GJ3bmZt-T1g)

2019 Global Institute of Sustainability, [Keys to success in conservation science](https://www.youtube.com/watch?v=MImungdn-z0)

2019 Global Institute of Sustainability, [Intergovernmental Panel on Biodiversity](https://www.youtube.com/watch?v=bS73Df1Heoo)

2018 ASU Now, [Endangered species](https://vimeo.com/287099020)

2017 Security and Sustainability Forum Webinar, [Why Business Should Care about Biodiversity](https://www.youtube.com/watch?v=5Qm-22qK8eo&t=10s)

2016 Julie Ann Wrigley Global Institute of Sustainability, [Leah Gerber at forefront of global biodiversity policy](https://www.youtube.com/watch?v=BfY-J9XnFx0)

2016 KJZZ, National Public Radio, [It’s Time to Prioritize, Restructure Endangered Species Funding](http://kjzz.org/content/279426/asu-researcher-its-time-prioritize-restructure-endangered-species-funding)

2015 Arizona PBS, [A pragmatic approach to preventing extinction](https://azpbs.org/horizon/2015/11/a-pragmatic-approach-to-extinction/)

2015 Arizona Horizon, [Arizona Courts Awards & Extinction & Baby-Boomer Giving](https://www.youtube.com/watch?v=Bdd2pnIL3kU)

2014 Julie Ann Wrigley Global Institute of Sustainability, [On biodiversity and sustainability](https://sustainability.asu.edu/media/video/leah-gerber-on-biodiversity-and-sustainability)

2012 Beyond the Frontier, [A new way to see seafood: Linking sustainability and public health](https://player.fm/series/frontiers-in-ecology-and-the-environment/a-new-way-to-see-seafood-linking-sustainability-and-public-health)

2012 Generation Anthropocene, [Marine ecosystem conservation and entrenched ideologies](http://www.stanford.edu/group/anthropocene/cgi-bin/wordpress/?p=833)

2012 RadioLIVE New Zealand, [Whales for sale](https://onlineradiobox.com/nz/radiolive/)

2011 UCSB Bren School, [Of whales, fish and sanctuaries](http://www.youtube.com/watch?v=OwJE9V2l5qg)

2009 The Science Show, [Whales not to blame for fish depletion](http://www.abc.net.au/radionational/programs/scienceshow/whales-not-to-blame-for-fish-depletion/3158774)

2009 Science Studio, [Of Whales, Fish and Men: Managing Marine Reserves](https://engineering.curiouscatblog.net/2008/04/14/asu-science-studio-podcasts/)

***Selected op-eds***

2021 Monga Bay, [Communities, conservation, and development in the age of COVID: Time for rethinking approaches](https://news.mongabay.com/2020/08/communities-conservation-and-development-in-the-age-of-covid-time-for-rethinking-approaches-commentary/)

2020 Ensia, [It’s time for a Project drawdown for conservation.](https://ensia.com/voices/drawdown-biodiversity-solutions/)

2020 Issues in Science and Technology, [A Global Strategy for Preventing the Next Pandemic](https://issues.org/preventing-the-next-pandemic/)

2019 El Universal, [Aprendiendo a proteger la biodiversidad](https://www.animalpolitico.com/blog-invitado/aprendiendo-a-proteger-la-biodiversidad/)

2018 The Conservation, [New data tool can help scientists use limited funds to protect the greatest number of endangered species](http://theconversation.com/new-data-tool-can-help-scientists-use-limited-funds-to-protect-the-greatest-number-of-endangered-species-105255).

2017 The Christian Science Monitor, [Is the Endangered Species Act facing extinction?](http://www.csmonitor.com/Technology/Breakthroughs-Voices/2017/0413/Commentary-Is-the-Endangered-Species-Act-facing-extinction)

2017 Ecological Society of America, [Early career ecologists, why engage with the corporate sector?](https://esa.org/earlycareer/early-career-ecologists-why-engage-with-the-corporate-sector/)

***Selected media coverage***

2022 Stokstad, E. [How do you protect fish that swim beyond your safety net?](https://www.science.org/content/article/how-do-you-protect-fish-swim-beyond-your-safety-net) Science.

2022 NPR KJZZ, [How Colombia can balance conservation and development](https://kjzz.org/content/1772290/study-how-colombia-can-balance-conservation-and-development)

2021 NPR 1A, [Gone For Good: How A Species Is Declared Extinct](https://the1a.org/segments/gone-for-good-how-a-species-is-declared-extinct/)

2021 Young, E. [The Enormous Hole that Whaling Left Behind](https://www.theatlantic.com/science/archive/2021/11/whaling-whales-food-krill-iron/620604/). The Atlantic.

2021 Einhorn, C. [Projected Too Late: U.S. Officials Report More Than 20 Extinctions.](https://www.nytimes.com/2021/09/28/climate/endangered-animals-extinct.html) The New York Times.

2021 Root, T. [A new ‘green status of species’ will measure the recovery of threatened plants and animals.](https://www.washingtonpost.com/climate-solutions/2021/07/28/green-status-endangered-species-iucn/) The Washington Post.

2021 Showstack, R. [Ensuring that Science Has a Seat at the Table.](https://academic.oup.com/bioscience/advance-article/doi/10.1093/biosci/biab017/6162974?login=true) BioScience.

2019 Editors. [How to preserve nature on a tight budget.](https://www.economist.com/science-and-technology/2019/02/09/how-to-preserve-nature-on-a-tight-budget) The Economist.

2019 Aguilera, J. [Changes to the Endangered Species Act Pushes More Species to Extinction](https://time.com/5651168/trump-endangered-species-act/). Time.

2019 Piotrowski, J. [Eco-nomics](https://www.economist.com/science-and-technology/2019/02/09/how-to-preserve-nature-on-a-tight-budget). The Economist.

2019 Nicla, A. [ASU scientist crusades for action to help environment](https://www.azcentral.com/story/news/local/arizona-environment/2019/05/15/what-united-nations-biodiversity-report-means-arizona/1130989001/). Arizona Republic.

2019 Gerbis, N. [Major Biodiversity Report Sounds Dire Warning Of Species Declines And Extinctions](https://science.kjzz.org/content/924821/major-biodiversity-report-sounds-dire-warning-species-declines-and-extinctions). KJZZ, National Public Radio.

2018 Gilman, S. [Who lives and who dies: Is Conservation “Triage” a Good Idea, or a Dangerous One?](https://www.allaboutbirds.org/news/who-lives-and-who-dies-endangered-species-funding-and-conservation-triage/) Living Bird.

2017 Bernstein, S. [How a math formula could decide the fate of US endangered species.](http://www.reuters.com/article/us-endangered-species-triage/how-a-math-formula-could-decide-fate-of-endangered-u-s-species-idUSKBN19A1DK) Reuters.

2017 Ferry, D. [It’s Time to Let Certain Animals Go Extinct](https://www.outsideonline.com/2176276/its-time-choose-which-animals-we-let-go-extinct). Outside Magazine.

2016 Cosier, S. [U.S. needs Robin Hood approach to saving endangered species](http://www.sciencemag.org/news/2016/03/us-needs-robin-hood-approach-saving-endangered-species-researcher-argues). Science.

2016 Reynolds, E. [Funding for endangered animals is “unevenly distributed”](http://www.wired.co.uk/news/archive/2016-03/23/conservation-animal-inequality). Wired Science

2016 Davila, A. [The ESA May Be Neglecting The Animals that Need it Most](https://thinkprogress.org/the-endangered-species-act-may-be-neglecting-the-animals-that-need-it-most-453843fd8b2b). Think Progress.

2016 Kobilinsky, D. [Wildlife funding could better prioritize recovery](http://wildlife.org/wildlife-funding-could-better-prioritize-recovery/). The Wildlife Society Bulletin.

2016 Bernier, A. [It’s time to prioritize, restructure Endangered Species funding.](http://kjzz.org/content/279426/asu-researcher-its-time-prioritize-restructure-endangered-species-funding) NPR/KJZZ.

2015 Lee, J. [Japan Halts Whaling in Response to International Court Ruling.](https://www.nationalgeographic.com/news/2014/4/140331-whaling-japan-international-court-ocean-animal-conservation/) National Geographic.

2014 Erik Stockstad. [Psst. Wanna buy a whale.](https://www.sciencemag.org/news/2014/01/psst-wanna-buy-whale) Science.

2013 Editors. [How economics can save the whales](https://blog.supplysideliberal.com/post/60909061847/evan-soltas-how-economics-can-save-the-whales). Bloomberg.

2012 Eilperin, J. [Researchers propose putting a price on whales](http://www.washingtonpost.com/national/health-science/researchers-propose-putting-a-price-on-whales/2012/01/10/gIQAHSH8qP_story.html). The Washington Post.

2012 Editors. [Good whale hunting](http://www.economist.com/blogs/babbage/2012/03/commercial-whaling). The Economist.

2012 Erik Stokstad. [Putting a price on whales.](https://www.sciencemag.org/news/2012/01/researchers-propose-putting-price-whales) Science.

2012 Editors. [Whales for Share](http://www.nature.com/nature/journal/v481/n7380/full/481114a.html). Nature.

2011 Jones, N. [Seals slide towards extinction in Hawaiian reserve.](https://www.nature.com/news/2011/110912/full/news.2011.522.html) Nature

2011 Mosher, J. [Sea lions surprise scientists by adoption orphaned pups](http://www.wired.com/wiredscience/2010/11/sea-lion-adoption/). Wired Science.

2009 Williams, R. [Whales not to blame for fish depletion](http://content.time.com/time/health/article/0,8599,1880128,00.html). ABC News.

2009 Walsh, B. [Will killing whales save the world’s Fisheries?](http://www.time.com/time/health/article/0,8599,1880128,00.html) Time Magazine

2005 Dye, Lee. [The dilemma of Delisting Species](http://abcnews.go.com/Technology/story?id=120117&page=1). ABC News.

2005 Norris, Scott. [How much data is enough?](https://www.conservationmagazine.org/2002/07/how-much-data-is-enough/) Conservation Magazine

**Leadership and Service**

**National and International**

2022- National Academy of Science Panel, [National Biodiversity and Climate Change Assessment](https://www.usgs.gov/programs/climate-adaptation-science-centers/biodiversity-and-climate-change-assessment-faqs)

2020-Steering committee for [Beyond the Academy: an impact-oriented research network](https://beyondtheacademy.dash.umn.edu/)

2020- Scientific Advisory Board, [Defenders of Wildlife](https://defenders.org/)

2020- Scientific Advisory Board, [Charles Darwin Foundation for the Galapagos Islands](https://www.darwinfoundation.org/en/)

2016- Red List Committee, [International Union for the Conservation of Nature](https://www.iucn.org/)

2019- Decision Science Specialist Group, [International Union for the Conservation of Nature](https://www.iucn.org/)

2016-9 Biodiversity Project Steering Group, [Natural Capital Coalition](https://naturalcapitalcoalition.org/)

2016-8 Reducing Ocean Waste Task Force, [World Business Council on Sustainable Development](https://www.wbcsd.org/)

2016-9 Lead Author, Global Assessment, [United Nations Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services](https://ipbes.net/)

2016-8 Knowledge Partner Liaison Delegate, [World Business Council on Sustainable Development](https://www.wbcsd.org/)

2016-7 External Reviewer, Scientific Committee, [International Whaling Commission](https://iwc.int/home)

2015-7 Lenfest Ecosystem Based Fishery Management Task Force member, [Pew Charitable Trusts](https://www.pewtrusts.org/en/)

2015-6 Nominating Committee, Indianapolis Prize, [Indianapolis Zoo](https://www.indianapoliszoo.com/)

2015 External Review Panel, NMFS Endangered Species Program, [NOAA](https://www.noaa.gov/)

2014-6 Member at large, [Ecological Society of America’s Board of Governors](https://www.esa.org/)

2013 Editorial Board, [Conservation Biology](https://conbio.org/)

2012 Antarctic Ecosystems Review Panel, [NSF](https://www.nsf.gov/)

2012 Development Committee, [Ecological Society of America](https://www.esa.org/)

2012 Chair, NMFS shark predation management review panel, [Center for Independent Experts](https://www.st.nmfs.noaa.gov/science-quality-assurance/cie-peer-reviews/index)

2011 Chair, Review Panel, Hawaiian monk seal translocation plan, [NMFS](https://www.fisheries.noaa.gov/)

2011 Editorial Board, [ISRN Ecology](https://core.ac.uk/display/226678193)

2007 Editorial Board, [Conservation Letters](https://conbio.onlinelibrary.wiley.com/journal/1755263x)

2007 Ocean Science Review Panel, [NSF](https://www.nsf.gov/)

2006 Advisory Panel for [NSF CAREER program](https://beta.nsf.gov/funding/opportunities/faculty-early-career-development-program-career)

2003-8 Editorial Board, [Conservation Biology](https://conbio.org/)

2004-9 Editorial Board, [Endangered Species Research](http://www.int-res.com/journals/esr/esr-home/?fbclid=IwAR0l4XJ4IGLL7B2nxxLZV05UEDftLulOBo3_epFJL1mdVFa2VrJsvBBEHxo)

2002-7 Recovery Team Member and Plan co-author, [White Abalone Recovery Team](https://marinescience.ucdavis.edu/research-programs/conservation/saving-white-abalone/overview)

2002- Recovery Team Member, [Mount Graham Red Squirrel Recovery Team](https://www.fws.gov/southwest/es/arizona/Documents/RecoveryPlans/MtGrahamRedSquirrel.pdf)

1. Reviewer, President’s Panel on Ocean Exploration, [NOAA](https://www.noaa.gov/)

2002 Advisory Panel Member, [Abalone Recovery and Management Team](https://wildlife.ca.gov/Conservation/Marine/ARMP)

* 1. Policy Committee, [Society for Conservation Biology Board of Governors](https://conbio.org/)
  2. Science Chair, [Marine Section of the Society for Conservation Biology](https://conbio.org/groups/sections/marine)
  3. Member-at-Large, [Society for Marine Mammalogy Board of Governors](https://marinemammalscience.org/)

2003- Reviewer, Ecology and Biological Oceanography Panels, [National Science Foundation](https://www.nsf.gov/)

**Regional and ASU**

2022- Faculty advisor, [Women in STEM at ASU](https://asu.campuslabs.com/engage/organization/women-in-stem)

2021- Faculty advisor, [Sustainability at ASU](https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations/)

2021- Implementation committee, ASU-Cintana-UIDE [Galapagos Research](https://urldefense.com/v3/__https:/youtu.be/8MSQKUXOb3Y__;!!IKRxdwAv5BmarQ!N0jM2H27ggnE0On7x_XToVL8g4f4EOckkGC6SQBfCoFI5bwLn2wcVRcsOSdEi9L36A$) Station

2015-9 President’s [Council on Women in Leadership](https://global.asu.edu/asu-part-global-effort-accelerate-leadership-women-2030), ASU

2016-9 Co-director, [ASU-Conservation International Knowledge Partnership](https://www.conservation.org/corporate-engagements/arizona-state-university)

2014- Founding Director, [Center for Biodiversity Outcomes](https://sustainability-innovation.asu.edu/biodiversityoutcomes/), ASU

2012- Co-coordinator, [Hugh Hanson Ecology Seminar Series](https://www.sols.asu.edu/news-events/events/hugh-hanson-seminar-series-frontiers-assessment-global-funding-biodiversity), ASU

2012- Coordinator, [Environmental Leadership and Communications Certificate](https://sols.asu.edu/degree-programs/environmental-communication-leadership-graduate-certificate), ASU

2011-5 Research and Training Initiatives Committee, [School of Life Sciences](https://sols.asu.edu/), ASU

2007-9 Personnel committee, [School of Life Sciences](https://sols.asu.edu/), ASU

2007-9 Undergraduate Programs Committee, [School of Sustainability](https://schoolofsustainability.asu.edu/), ASU

2006-9 Review committee, [School of Life Sciences](https://sols.asu.edu/) Undergraduate Research Program, ASU

2005- Honors Disciplinary Faculty, [Barrett Honors College](https://barretthonors.asu.edu/honors-faculty/faculty-staff-resources/disciplinary-honors-faculty), ASU

2004-7 Research Coordination Network, [Colorado River Delta](https://www.geo.arizona.edu/rcncrd/), NSF

2002- Co-director, [Undergraduate Conservation Biology Program,](https://sols.asu.edu/degree-programs/biological-sciences-conservation-biology-ecology) Arizona State University

2003-6 Undergraduate Programs Committee, [School of Life Sciences](https://sols.asu.edu/), Arizona State University

**Publications**

h-index = 50 ([Google Scholar](https://scholar.google.com/citations?user=DDd1gSAAAAAJ&hl=en)); *Graduate student co-authors are underlined, undergraduates are double-underlined, and postdocs are italicized*

**2023**

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| 8. | *Morissette, L*., Melgo*,* J. L., *Kaschner, K.,* & **Gerber, L.R.** 2009. Modelling the Trophic Role of Marine Mammals in Tropical Areas: Data requirements, uncertainty, and validation. *UBC Fisheries Center Research Reports*, *17(2)*, 120 pp. ([link](https://conservation-innovation.lab.asu.edu/wp-content/uploads/2021/03/2009_Modelling_Trophic_Role_Marine_Mammals.pdf)) | |
| 7. | *D’Agrosa, C.,* **Gerber, L.R.**, Sala, E., Wielgus, J., & Ballantyne IV, F. 2007. Navigating Uncertain Seas: Adaptive monitoring and management of Marine Protected Areas. 32 pp. | |
| 6. | Szteren, D., Aurioles D., & **Gerber, L.R.** 2006. Population status and trends of the California sea lion (*Zalophus californianus*) in the Gulf of California, México. In: Trites, A., Atkinson, S., DeMaster, D., Fritz, L., Gelatt, T., Rea, L., & Wynne, K. (Eds.), *Sea Lions of the World: Conservation and Research in the 21st Century.* Alaska Sea Grant College Program, University of Alaska Fairbanks | |
| 5. | **Gerber, L.R.** 2004. Biological uncertainty and extinction risk for Steller sea lions *(Eumetopias jubatus*) In: R.A. Akcakaya (Ed.), Developing models for conservation and management using RAMAS GIS. Island Press, Washington, DC. | |
| 4. | Sabo, J. S. & **L.R. Gerber**. 2001. Trophic Ecology. In: *McGraw-Hill Encyclopedia of Science and Technology*, McGraw-Hill Book Co., New York. ([link](https://conservation-innovation.lab.asu.edu/wp-content/uploads/2021/04/2001_Trophic_Ecology.pdf)) | |
| 3. | **Gerber, L.R.** 1999. Marine Conservation and Marine Reserves In: *McGraw-Hill Encyclopedia of Science and Technology*, McGraw-Hill Book Co., New York, ISBN 0-07-052771-7. | |
| 2. | Morris, W., Doak, D., Groom, M., Kareiva, P., Fieberg, J., **Gerber, L.R.,** Murphy, P., & Thomson, D. 1999. A practical handbook for population viability analysis. The Nature Conservancy, ISBN: 0-9624590-4-6. 133 pp. ([link](https://conservation-innovation.lab.asu.edu/wp-content/uploads/2021/03/1999__Practical_Handbook_Population_Viability_Analysis.pdf)) | |
| 1. | **Gerber, L.R.** 1999. Scientific uncertainty and sentimentality: Extinctions & protective legislation of marine mammals In: International Cooperation in Science and Technology. Sigma Xi, The Scientific Research Society, Inc. ISBN: 0-914446-13-4. | |

**Recent Invited and Organized Symposia**

2022 Ethics, and Human Development, [The International Conference for Interdisciplinary Science and Education](https://www.icisequynhon.com/conference-calendar/)

2021 International Congress for Conservation Biology, [Conserving smarter: Using decision science to address the biodiversity crisis.](https://conbio.org/mini-sites/iccb-2021/program/short-courses-1/#conserving%20smarter)

2021 International Congress for Conservation Biology, [Collecting and reporting data on costs of conservation interventions](https://conbio.org/mini-sites/iccb-2021/program/short-courses-1/#collecting%20and%20reporting).

2020 United Nations Global Compact’s Uniting Business LIVE, [Industry partnerships for biodiversity outcomes: Measuring private sector contributions toward mitigating biodiversity loss](https://www.youtube.com/watch?app=desktop&v=y6_au-cPOmo&list=PLkFQW5ziN6obwdzkyn7HH9dQvM3nz9dBw&index=2).

2020 Udall NM Success Climate Change Education Seminar, [Knowledge to Outcomes in Global Biodiversity Conservation](https://www.youtube.com/watch?app=desktop&v=qdB0fusRvfA&t=1s).

2020 Consortium for Science, Policy Outcomes, [A global strategy for preventing the next pandemic](https://vimeo.com/428534672).

2020 Greenbiz, [Biodiversity and Profitability: mapping the natural environment’s influence on your firm’s profitability](https://sustainability-innovation.asu.edu/biodiversityoutcomes/news/archive/cbo-takes-on-greenbiz/).

2019 UN World Conservation and Monitoring Center, [Workshop on biodiversity and business](https://www.unep-wcmc.org/system/comfy/cms/files/files/000/001/845/original/aligning_measures_corporate_reporting_disclosure_dec2020.pdf).

2017 International Congress for Conservation Biology Workshop 202, [Partnerships for conservation](https://sustainability-innovation.asu.edu/news/archive/iccb-workshop-202-partnerships-conservation/).

2016 Expanding diversity in the next generation of ecology, [What works to recruit, matriculate, and retain disadvantaged youth in undergraduate degrees in ecological degree programs?](https://eco.confex.com/eco/2015/webprogram/Session10880.html)

2014 National Socio-Environmental Synthesis Center to develop new decision tools for recovery and spending decisions in endangered species conservation, [Developing decision tools to facilitate recovery planning under the Endangered Species Act.](https://sustainability-innovation.asu.edu/food/news/archive/tool-save-species/)

2013 Symposium at annual AAAS meeting, Boston, Massachusetts, Escaping the Ivory tower.

2013 Plenary Speaker for Western Society of Naturalists, [Integrating theory and data in marine science](http://www.wsn-online.org/meeting-archives/548-2/).

2011 Ecological Society of America, [Advice from Theorists on Managing Ecosystems in a Changing Climate](https://eco.confex.com/eco/2010/techprogram/S5416.HTM).

**Mentoring**

**Postdoctoral Researchers**

Ford Ballantyne (2003-2005, co-advised with E. Sala, currently Prof at U Kansas)

Michael Westphal (2003-2004, co-advised with E. Sala, currently with World Resources Institute)

Jeffrey Wielgus (2004-2006, currently with World Resources Institute)

Julie Young (2006-2007, currently Assoc Prof at Utah State U)

Lyne Morrissette (2007-2009, currently private consultant)

Haridas Chirakkal Variam (2007-2010, currently postdoc at U Nebraska)

Victoria Baaker (2008-Fall; currently Asst Prof at MSU)

Caterina D’Agrosa (2006-2010, currently private consultant)

José Daniel Anadón (Fall 2010-Fall 2013, currently Asst Prof at SUNY)

Elena Finkbeiner (Fall 2017-currently Marine Scientist with Conservation International)

Samantha Cheng (Fall 2017-Spring 2019; currently Biodiversity Scientist at Smithsonian)

Krista Kemppinen (Fall 2017-current Postdoctoral Researcher with IUCN)

Danica Schaffer-Smith (Fall 2018-2020; currently Asst Research Professor at ASU)

Gwen Iacona (Fall 2018-2020; currently Asst Research Professor at ASU)

Franzinho Smith (Fall 2019-current)

Steffen Eikenberry (Fall 2019-current)

Candice Carr Kellman (Fall 2020-current)

Simon Lhoest (Fall 2021-current)

**Doctoral Students - primary advisor**

Manuela Gonzalez-Suarez (2003-2007, Currently Professor at University of Reading, London)

Jared Underwood (2004-2007, Currently Director of Hawaii National Wildlife Refuge)

Claudia Camacho-Hernandez (2004-2009, currently professor at CICIMAR in La Paz, MX)

Marie Fujitani (2007-2012, currently postdoctoral fellow at German Academy of Sciences)

Maria del Mar Mancha Cisneros (2011-2017, currently postdoc at Duke)

Biao Huang (2010-2015, currently postdoc at U Munich)

Tiffany Lewis (2015-currently PhD student at ASU)

Miranda Bernard (2016-current)

Katie Surrey-Bergman (2018-current)

Erin Murphy (2018-current)

Oliva Davis (2019-current)

Paola Sangolqui (2020-current)

Camilla Guerrero (2020-current)

Caitlin Hawley (2021-current)

Rebecca Snyder (2022-current)

Livia Cruz (2022-current)

**Doctoral Students - committee member**

Alan Giese (2002-2005)

Kirsten Rowell (2002-2006)

Richard Fredrickson (1999-2007)

Benjamin Campbell (2004-2007)

Sarah Boyle (2001-2005)

Mark Neff (2006-2008)

Jason Schooley (2006-2007)

Angela Picco (2004-2008)

Verma Miera (2002-Fall 2005)

Diana Szern (Fall 2004-Fall 2006)

TaShana Taylor (Fall 2003-Fall 2008)

Aireona Rashke (2012-2017)

Heather Fisher (2014-2017)

Kyle Stronglin (2016-2021)

Ute Brady (2012-2020)

Laura Prickett (2016-2019)

Camila Delgado-Montes (2021-current)

Chris Barton (2019-current)

Beckah Campbell (2020-current)

Jessica Beaudette (2020-current)

**Masters Students**

Jennifer Rupnow (2003-2007)

Sage Tezak (2006-2009, currently with NOAA Marine Sanctuaries)

Ramona Flatz (2007-2010, currently Research Technician at Willamette College)

Zach Hughes (2007-2010, currently with NOAA Fisheries)

Robert Wildermuth (2010-2012, currently PhD candidate at U Mass, Dartmouth)

Tara Gancos (2010-2012, currently PhD candidate at U Georgia)

Melanie Sturm (2013-2014, currently Policy Intern with American Fisheries Society)

Caiti Troyer (2013-2014, currently Law Student at Stanford)

Mary Ross (2014-2015, currently decision risk analyst)

Anna Bettis (2015-2015, currently works with Pulliam Charitable Trusts)

Micah Harp (2014-current research associate at Cornell)

Leigh-Anne Tower (2014-2017, currently private consultant)

Amy Wiedenfeld (2015-2018)

Arielle Amrein (2018-2020; currently biologist with NOAA)

Erin Spencer (2018-currently PhD student at University of Florida)

Laura Prickett (2017-2020)

Alex Tunas Corzon (2019-2020, currently in PhD program)

Infynity Hill (2019-current, currently small business owner)

Kesha Cummings (2017-2020, currently employed with SRP)

Katherine Ball (2021-2022)

Tori Northrop (2022-current)

**Selected Undergraduate Researchers – primary advisor**

Kate Buenau (Honors student, 2001-2003, currently postdoc at UC Santa Barbara)

Jennifer Laliberte (Honors student, 2003-2004, currently MS Student at Duke University)

Lauren Horwitz (2004-2005, currently PhD student at San Diego State University)

Pam Marcum (2003-2005, currently high school science instructor)

Cristen Jester (2002-2004, currently employed with the Bureau of Land Management)

Andrew Keller (2002-2005, currently environmental consultant in San Diego, CA)

Matthew Petelle (2004-2006-currently PhD student at UCLA)

Michael Britt (2002-2005-current with AZ Fish and Game)

Kathy Robertson (SoLS Undergraduate Research Assistant 2003-2005, unknown)

David Green (SoLS Undergraduate Research Assistant, 2004-2006, PhD student at U Michigan)

David Jacobs (SoLS Undergraduate Research Assistant, 2006-2008, currently law student at ASU)

Allison Hoynes O'Connor (SoLS Research Assistant, 2005, currently MS student at UCSD)

Easton White (SoLS Undergraduate Research Assistant, 2006-2008, currently Fulbright Fellow)

Andrea Nozigilia (SoLS Undergraduate Researcher, 2012-2014, currently with AZ Game & Fish)

Sarah Geren (SoLS Undergraduate Research Assistant, 2013-2014, currently PhD student at ASU)

Dee Sagawae (SoLS Undergraduate Research Assistant, 2013-2014, currently Fulbright Fellow)

Kylee Farington (Honors student, 2016-2018, currently Doris Duke Conservation Fellow)

Madison Boldoc (Honors student, 2018-2019)

Celeste Dulane (Honors student, 2018-2019)

Ryan VanBussum (Honors student, 2018-2019)

Jared Clements (Postbac, 2019-current)

Laney Gordon (LEAP scholar, 2020-current)

Amanda Bell (SoLS Undergraduate Researcher, 2020-current)

Allyson Aeshilman (LEAP scholar, 2020-current)

Emily Byrum (SoLS Undergraduate Researcher, 2020-current)

Jade Panagakis (SoLS Undergraduate Researcher, 2020-current)

Elisa Olofsson (Honors student, 2021-current)