

Curriculum Vitae
Rachelle K. Gould

Associate Professor of Sustainability and Global Equity
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she/her/hers pronouns

SUMMARY OF INTERESTS

I study values, learning, and behavior, and their interactions with sustainability, at multiple scales. I have three foci: (1) Intangible elements of relationships between humans and ecosystems; this research primarily addresses cultural ecosystem services and relational values (e.g., the roles ecosystems and biodiversity play in identity, psychological well-being, social cohesion, and spiritual fulfillment). (2) How people learn about the environment and why people do or do not behave “pro-environmentally”; this work addresses individual and collective actions, and interactions between scales. (3) The issues of equity and justice that infuse the first two foci.

I am an inter- and transdisciplinary scholar. I draw on and contribute to theories from multiple disciplines and fields, including philosophy, ecology, anthropology, sociology, psychology, geography, and religious studies; I also work closely with a variety of partners outside of academia, at scales from local to international.

CURRENT POSITION

University of Vermont (Burlington, VT) **2015-present**
Associate Professor, Sustainability and Global Equity [Assistant Professor until 2022]
Rubenstein School of Environment & Natural Resources, Environmental Program
Fellow, Gund Institute for the Environment
Fellow, Provost’s Faculty Fellows for Diversity and Inclusion

EDUCATION

Stanford University (Stanford, CA) **2015**
Post-doctoral Scholar, Environmental Learning and Social Ecology. Managed \$1.4 million grant and 15+ post-doctoral and PhD student researchers.
Supervisor: *Nicole Ardoin (Education & Environment)*

Stanford University (Stanford, CA) **2013**
PhD, Emmett Interdisciplinary Program on Environment and Resources (E-IPER)
Lead Advisors: *Gretchen Daily (Biology), Nicole Ardoin (Education & Environment)*
Committee: *Debra Satz (Philosophy), Lisa Curran (Anthropology), Hal Mooney (Biology)*

Yale School of Forestry and Environmental Studies (New Haven, CT) **2007**
Class Marshall, Master’s in Forest Science
Advisors: *Bill Burch (Sociology), Mark Ashton (Forestry), Paul Draghi (Mythology, Philosophy)*

Harvard College (Cambridge, MA) **2003**
Phi Beta Kappa, Bachelor of Arts Environmental Science and Public Policy
Advisor: *John Holdren (Environmental Policy)*

PUBLICATIONS

(PD) Indicates a Postdoctoral advisee (PD-o) indicates a postdoctoral scholar for whom I am not lead advisor)

(Grad) Indicates a graduate student advisee (Grad-o) indicates a graduate student advised by someone else)

(UG) Indicates an undergraduate advisee.

Note:

As of 2021, I use the convention of listing my name as the final author on papers produced by my research group.

Peer-reviewed Articles

(in press) Sands, B. (PD-o), Machado, M. (PD-o), White, A., **Gould, R.K.** and Zent, E. Moving towards an anti-colonial definition for regenerative agriculture. *Agriculture & Human Values*.

Riechers, M., Betz, L., **Gould, R.K.**, Lam, D.P.M, Lazzari, N., Loch, T., Martín-López, B., Sala, J.E. 2022. Reviewing relational values for future research: insights from the coast. *Ecology & Society*.

Gallegos-Riofrio, C.A(PD), Zent, E., **Gould, R.K.** 2022. The importance of Latin American scholarship-and-practice for the relational turn in sustainability science: A reply to West et al. *Ecosystems and People*.

Manley, K. (UG), Hackenburg, D.(Grad), Marquina, T.(Grad), **Gould, R.K.** 2022. Gratitude for nature: Abundant appreciation and rare reciprocity in free-response reflections. *Ecopsychology*.

Ardoin, N.M., **Gould, R.K.**, Biggar, M., Wojcik, D. 2022. Community Listening Sessions: an approach for facilitating collective reflection on environmental learning and behavior in everyday life. *Ecosystems and People*. 18:1, 469-477.

Gallegos-Riofrio, C.A(PD), Arab, H., Carrasco-Torrontegui, A., **Gould, R.K.** 2022. Chronic deficiency of diversity and pluralism in research on nature's mental health effects: A planetary health problem. *Current Research in Environmental Sustainability* 4, 100148.

Marquina, T. (Grad), Gould, R.K., Murdoch, D., 2022. 'Hey, tree. You are my friend': Assessing multiple values of nature through letters to trees. *People and Nature*.

Hagan, E. (Grad), **Gould, R.K.** 2022. Associations between relational values and empathy. *Ecology & Society*.

Marquina, T. (Grad), Emery, M., Hurley, P., **Gould, R.K.** 2022. The "quiet hunt": The significance of mushroom foraging among Russian-speaking immigrants in New York City. *Ecosystems and People*.

Hoelle, J., **Gould, R.K.**, Tauro, A. 2022. Expanding relational values research to reflect the diversity of human-nature relationships. *People and Nature*.

Marquina, T. (Grad), Fisher, B., Hackenburg, D. (Grad), **Gould, R.K.** 2022. Lessons from an experiment with values-based messaging to support watershed conservation. *Conservation Biology*.

Meza Prado, K., Bremer, L., Nelsen, S., **Gould, R.K.** 2021. "Putting Suppliers on the Map:" Centering Upstream Voices in Water Funds Outreach. *Journal of Contemporary Water Research and Education*.

Gould, R.K., Schultz, P.W. 2021. Challenges to understanding psychological dimensions of human-nature connections – and how to address them. *Ecology and Society*.

Wojcik, D, Ardoin, N.M., **Gould, R.K.** 2021. Organizations and opportunities for environmental learning: A network analysis. *Environmental Education Research*.

- Gould, R.K.** 2021. How creativity can help research on the multiple values of nature become more innovative and inclusive. *People and Nature*.
- Morse, J.W.^(Grad), Gladkikh, T.M. ^(Grad), Hackenburg, D.M. ^(Grad), **Gould, R.K.**, 2020. COVID-19 and human-nature relationships: Vermonters' activities in nature and associated nonmaterial values during the pandemic. *PLOS ONE* 15: e0243697.
- Gould, R.K.**, Bremer, L., Pascua, P., Meza Prado, K. 2020. Frontiers in cultural ecosystem services: Toward greater equity and justice in ecosystem services research and practice. *Bioscience*. 70(12): 1093-1107.
- Gould, R.K.**, Vivanco, L., Adams, A.^(Grad). 2020. Looking into the dragons of cultural ecosystem services. *Ecosystems and People*. 16(1): 257-272.
- Gould, R.K.**, Morse, C.E., Brooks, J. ^(UG), Adams, A ^(Grad). 2020. 'So Much for Access:' Difference, Benefits, and Barriers at Hawaii's Shorelines. *Geographical Review*.
- Chan K.M.A., Boyd D.R., **Gould R.K.**, Jetzkowitz J, Liu J, Muraca B, Naidoo R, Olmsted P, Satterfield T, Selomane O, Singh G.G., Sumaila R, Ngo H.T., Boedhihartono AK, Agard J, de Aguiar APD, Armenteras D, Balint L, Barrington-Leigh C, Cheung W.W.L., Díaz S, Driscoll J, Esler K, Eyster H, Gregr E.J., Hashimoto S, Hernández Pedraza G.C., Hickler T, Kok M, Lazarova T, Mohamed AAA, Murray-Hudson M, O'Farrell P, Palomo I, Saisel A.K., Seppelt R, Settele J, Strassburg B, Xue D, Brondízio E.S.. 2020. Levers and leverage points for pathways to sustainability. *People and Nature* 2: 693–717.
- Gould, R.K.**, Pai, M., Muraca, B., Chan, K.M.A.. 2019. "He 'ike 'ana Ia i Ka Pono (It Is a Recognizing of the Right Thing): How One Indigenous Worldview Informs Relational Values and Social Values." *Sustainability Science* 14 (5): 1213–32. <https://doi.org/10.1007/s11625-019-00721-9>.
- Gould, R.K.**, Morse, J.W ^(Grad)., Adams, A.B. ^(Grad). 2019. "Cultural Ecosystem Services and Decision-Making: How Researchers Describe the Applications of Their Work." *People and Nature* 0 (0): 1–19. <https://doi.org/10.1002/pan3.10044>.
- Gould, R.K.**, Krymkowski, D., Coleman, K^(PD), Gibbs-Plessl, T^(UG)., Zafira, I^(UG)., Doty, A. ^(UG) 2019. Thinking more broadly about broader impacts: An analysis of NSF abstracts. *Conservation Science and Practice*. 0 (0):e108. <https://doi.org/10.1111/csp2.108>.
- Gladkikh, T. ^(Grad), **Gould, R.K.**, Coleman, K^(PD). 2019. Cultural ecosystem services and the well-being of refugee communities. *Ecosystem Services*. 40: 1-12.
- Ardoin, N.M., **Gould, R.K.**, Lukacs, H., Sponarski, C., Schuh, J. 2019. Scale of place and sense of place among urban dwellers. *Ecosphere*. 10 (9): e02871. <https://doi.org/10.1002/ecs2.2871>.
- Kenter, J., Raymond, C., van Riper, C., Azzopardi, E., Brear M.R., Calcagni, F., Christie, I., Christie, M., Fordham, A., **Gould, R.K.**, Ives, C.D. Hejnowicz, A.P., Gunton, R., Horcea-Milcu, A.I., Kendal, D., Kronenberg, J., Massenberg, J., O'Conner, S., Ravenscroft, N., Rawluk, A., Raymond, I.J., Rodríguez-Morales, J., Thankappan, S. 2019. "Loving the Mess: Navigating Diversity and Conflict in Social Values for Sustainability." *Sustainability Science* 14 (5): 1439–61.
- Ramirez-Reyes, C., Brauman, K.A., Chaplin-Kramer, R., Galford, G.L., Adamo, S.B., Anderson, C.B., Anderson, C., Allington, G.R.H., Bagstad, K.J., Coe, M.T., Cord, A.F., Dee, L.E., **Gould, R.K.**, Jain, M., Kowal, V.A., Muller Karger, F.E., Norriss, J., Potapov, P., Qiu, J., Rieb, J.T., Robinson, B.E., Samberg, L.H., Singh, N., Szeto, S.H., Voigt, B., Watson, K., Wright, T.M., 2019. Reimagining the potential of Earth observations for ecosystem service assessments. *Science of the Total Environment* 665, 1053–1063.

- Coleman, K^(PD), **Gould, R.K.**, 2019. Exploring Just Sustainability across the Disciplines at One University. *Journal of Environmental Education*. 50 (3): 223–37. <https://doi.org/10.1080/00958964.2019.1582471>.
- Gould, R.K.**, Ardoin, N.M., Thomsen, J.M., Wyman Roth, N., 2018. Exploring connections between environmental learning and behavior through four everyday-life case studies. *Environmental Education Research* 1–27.
- Gould, R.K.**, Ardoin, N., Krymkowski, D. 2018. The importance of culture in predicting environmental behavior in middle school students on Hawai'i Island. *PLOS One*. 13(11): e0207087. <https://doi.org/10.1371/journal.pone.0207087>.
- Gould, R.K.**, Coleman, K. ^(PD), Gluck, S.B. ^(UG). 2018. Exploring dynamism of cultural ecosystem services through a review of environmental education research. *Ambio* 47, 1–15.
- Gould, R.K.**, Phukan, I, Mendoza, M., Ardoin, N.M., Panikkar, B. 2018. Seizing opportunities to diversify conservation. *Conservation Letters*. 11 (4): e12431.
- Chan, K., Pascual, U., **Gould, R.K.** 2018. Editorial: What are relational values, and what's all the fuss about? *Current Opinion in Environment and Sustainability*. 35: A1-A7.
- Britto dos Santos^(Grad), N., **Gould, R.K.** 2018. Can relational values be developed and changed? Investigating relational values in the environmental education literature. *Current Opinion in Environment and Sustainability*. 35: 124-131.
- Gould, R.K.**, Lincoln, N. 2017. Expanding the suite of Cultural Ecosystem Services to include ingenuity, perspective, and life teaching. *Ecosystem Services*. 25: 117-127.
- Gould, R.K.**, Ardoin, N.; Biggar, M.; Cravens, A. 2016. Environmental behavior's dirty secret: The prevalence of waste-related discussions in community discussions of environmental action. *Environmental Management*.
- Chan, K.M.A., Balvanera, P., Benessaiah, K., Chapman, M., Díaz, S., Gómez-Baggethun, E., **Gould, R.K.**, Hannahs, N., Jax, K., Klain, S., Luck, G., Martín-López, B., Muraca, B., Norton, B., Ott, K., Pascual, U., Satterfield, T., Tadaki, M., Taggart, J., and Turner, N. 2016. Opinion: Why protect nature? Rethinking values and the environment. *Proceedings of the National Academy of Sciences* 113, 1462–1465.
- Gould, R. K.**, S. Klain, U. Woodside, N. Hannahs, T. Satterfield, K. M. A. Chan, J. Levine, N. M. Ardoin, and G. C. Daily. 2015. A Protocol for Eliciting Nonmaterial Values Using a Cultural Ecosystem Services Frame. *Conservation Biology*. doi:10.1111/cobi.12407.
- Gould, R.K.**, N. M. Ardoin, T. Satterfield, U. Woodside, N. Hannahs, G. C. Daily. 2014. The forest has a story: Cultural Ecosystem Services in Kona, Hawai'i. *Ecology & Society* 19(3): 55. <http://dx.doi.org/10.5751/ES-06893-190355>
- Ardoin, N.M., **Gould, R.K.**, Kelsey, E., Fielding-Singh, P. 2014. Collaborative and transformative leadership in the environmental realm. *Journal of Environmental Policy & Planning*: 1-21. doi:10.1080/1523908X.2014.954075.
- Russell, R., Guerry, A.D., Balvanera, P., **Gould, R.K.**, Basurto, X., Chan, K.M.A., Klain, S., Levine, J., Tam, J., 2013. Humans and Nature: How Knowing and Experiencing Nature Affect Well-Being. *Annual Review of Environment and Resources* 38.
- Gould, R.K.**; Pejchar, L.; Bothwell, S.G.; Brosi, B.; Wolny, S.; Mendenhall, C.D.; Daily, G. 2013. Forest Restoration and Parasitoid Wasp Communities in Montane Hawai'i. *PLoS ONE* 8, e59356.
- Gould, R.K.**; Mooney, H.; Nelson, L.; Shallenberger, R.; Daily, G.C. 2013. Restoring Native Forest Understory: The

Influence of Ferns and Light in a Hawaiian Experiment. *Sustainability* 5, 1317-1339.

Satz, D.; **Gould, R.K.**; Chan, K.M.A.; Guerry, A.; Norton, B.; Halpern, B.S.; Satterfield, T.; Levine, J.; Woodside, U.; Hannahs, N.; Basurto, X.; Klain, S. 2013. The Challenges of Incorporating Cultural Ecosystem Services into Environmental Decision-making. *Ambio* 39.

Ardoin, N., J. Schuh, and **R.K. Gould**. 2012. Exploring the dimensions of place: A confirmatory factor analysis of data from three ecoregional sites. *Environmental Education Research* 1-25.

Chan, K., A. Guerry, T. Satterfield, P. Balvanera, A. Bostrom, R. Chuenpagdee, S. Klain, M. Ruckelshaus, X. Basurto, **R.K. Gould**, J. Levine, B. Halpern, and J. Tam. 2012. Integrating 'Cultural' and 'Social' into Ecosystem Services: A Framework for Value-Based Ecosystem Decision-Making. *Bioscience* 62(8):744-756.

Gould, R. K., N. M. Ardoin, and J. K. Hashimoto^(UG). 2010. 'Mālama the 'āina, Mālama the people on the 'āina': The Reaction to Avatar in Hawai'i. *Journal for the Study of Religion, Nature and Culture* 4(4):425-456.

Other Publications (Non-peer-reviewed or "lightly" peer reviewed)

Gould, R.K. Bridging Cultural Concepts of Nature: Indigenous People and Protected Spaces of Nature. 2023. Invited Book Review. *Society & Natural Resources*.

Gould, R.K. Relational values. 2023. In Solomon, B. and Haddad, B., Editors. *Dictionary of Ecological Economics*.

Gould, R.K. Human-nature relationships. 2023. In Solomon, B. and Haddad, B., Editors. *Dictionary of Ecological Economics*.

Gould, R.K., Muraca, B., Himes, A., Hackenburg, D^(Grad). Relational Values. 2023. In Pascual, U., Editor. *The Encyclopedia of Biodiversity*. Princeton University Press.

Gould, R.K. 2019. Roger Gottlieb's Morality and the Environmental Crisis: Invited Book Review. *Biological Conservation*.

Gould, R.K. and Ricketts, T.H. 2019. ES value is more than monetary. *One Earth* (Voices feature, "Connecting with Nature.") 1 (1): 13–15.

Gould, R.K. 2007. Himalayan Viagra, Himalayan Gold? *Cordyceps sinensis* brings new forces to the Bhutanese Himalaya. *The Bulletin of the Yale Tropical Resources Institute* 26:63-69.

Book Chapters

Caswell, M.^(Grad), Méndez, V.E., Juncos-Gautier, M.A, Hurley, S., **Gould, R.K.**, Marquéz Sánchez, D. ^(UG), Lewis, S. ^(UG), Castillo, A. 2020. Agroecological Transformations in Urban Contexts: Transdisciplinary Research Frameworks and Participatory Approaches in Burlington, Vermont. In Egerer, M. and Cohen, H. *Urban Agroecology: Interdisciplinary Research and Future Directions*. New York. CRC Press.

Gould, R.K., Ricketts, T., Howarth, R., Gourevitch, J., Gladkikh, T.^(Grad), Posner, S., Yoshida, Y.; Telle, S.^(UG) 2020. How ecosystem services research can advance ecological economics principles. In Costanza, R., Farley, J., Kubiszewski, I., and Erickson, J.D. *Sustainable Wellbeing Futures: A Research and Action Agenda for Ecological Economics*. London, Edward Elgar.

Gould, R. K., N. M. Ardoin, and J. K. Hashimoto^(UG). 2013. Transposing the Conversation into Popular Idiom: The reaction to Avatar in Hawai'i in B. Taylor, Editor. *Avatar and Nature Spirituality*. Waterloo, Ontario, Canada: Wilfred Laurier University Press.

Graduate Dissertation/Thesis

Gould, R.K. 2013. The Forest Has a Story: Reforestation and Cultural Ecosystem Services in Kona, Hawai'i. Doctoral Dissertation. Stanford Emmett Interdisciplinary Program in Environment and Resources: Stanford, CA.

Gould, R.K. 2007. Bangchung and Buddha Mushrooms: In Bhutan, Forest Use is More Than Material. Master's Thesis, Master's in Forest Science. Yale School of Forestry and Environmental Studies: New Haven, CT.

PEER REVIEWED PUBLICATIONS IN PREPARATION (SELECTED)

(PD) Indicates a Postdoctoral advisee ((PD-o) indicates a postdoctoral scholar for whom I am not lead advisor)

(Grad) Indicates a graduate student advisee ((Grad-o) indicates a graduate student advised by someone else)

(UG) Indicates an undergraduate advisee.

(in review) **Gould, R.K.**, Merrylees, E. (UG), Hackenburg, D. (Grad), Gladkikh, T. (Grad). "My place in the grand scheme of things": Perspective from nature and sustainability science.

(in review) **Gould, R.K.**, Himes, A., Anderson, L., Arias-Arevalo, P., Chapman, M., Lenzi, D., Muraca, B., Tadaki, M. Relational values as a response to critiques of market-based environmental valuation.

(in review) **Gould, R.K.**, Moreno Soares, T. (Grad-o), Arias-Arévalo, P., Cantú-Fernandez, M., Baker, D. (PD-o), Eyster, H. (PD), Kwon, R. (PD-o), Prox, L. (Grad-o), Rode, J., Suarez, A., Vatn, A., Zúñiga-Barragán, J. (Grad-o). The role of value(s) in theories of human behavior.

(in review) **Gould, R.K.**, Demarest (PD), B., Ivakhiv, A., Cheney, N. Nature is resource, playground, and gift: What artificial intelligence reveals about human–nature relationships.

(in review) **Gould, R.K.**, Hoelting, K., Martinez, D. Exploring Indigenous Relationality to Inform the Relational Turn in Sustainability Science.

(in review) **Gould, R.K.**, Gonzalez, M.N. (Grad-o). Research Note: Using science fiction and design thinking in workshops to share research results with low-income, under-represented community members.

(in review) **Gould, R.K.**, Saito, T. (Grad-o), Allen, K., Bonn, A., Chapman, M., Droz, L., Herrmann, T., Himes, A., Ishihara, Coelho-Junior, M. (Grad), Fukamachi, K., Kenter, J., Muraca, B., Ortiz-Przychodzka, S. (Grad-o), Pearson, J. (Grad-o), Tadaki, M., Tamura, N. Constraint-based brainstorming for thorny environmental research problems.

(in review) Hackenburg, D. (Grad), Fisher, B., **Gould, R.K.** Reframing cyanobacteria blooms: The effect of economic and cultural ecosystem services framing on individual perceptions and behavior.

(in review) Cirillo, J. (Grad), Zent, E., **Gould, R.K.** Love leads to action: An interdisciplinary literature review with implications for the sustainability movement.

(in review) Hoelting, K.R. (Grad-o), Morse, J.M. (Grad), **Gould, R.K.**, Martinez, D.E., Hauptfeld, R., Cravens, A.E., Breslow, S.J., Bair, L.S., Schuster, R.M., Gavin, M.C. Opportunities for Improved Consideration of Cultural Benefits in Environmental Decision-Making.

(in review) Raymond, C., Anderson, C., Athayde, S. Vatn, A., Amin, A., Arias Arévalo, P., Christie, M., Cantú-Fernández, M., **Gould, R.K.**, Himes, A., Kenter, J., Lenzi, D., Muraca, B., Murali, R., O'Connor, S., Pascual, U., Sachdeva, S., Samakov, A., Zent, E. An inclusive values typology for navigating transformations toward a just and sustainable future.

- (in review)* Pascual, U., Gould, R.K., et al. Plural environmental valuation and transformative change.
- (in revision)* Gaston, K., Aime, E., Anguelovski, I., Chan, K.M.A., Cox, D., Crowley, S., Fish, R., **Gould, R.K.**, Hails, R., Kenter, J., Maller, C., Park, T., Willis, C. Multiple values of nature: Horizon scan of key research issues.
- (in revision)* Pratson, D.^(Grad), Adams, N.,^(UG) **Gould, R.K.** A systematic review of relational values empirical research.
- (in revision)* Ardoin, N.M., **Gould, R.K.**, Wheaton, M., Biggar, M., Wojcik, D. Settings of environmental learning in everyday life.
- (in revision)* Eyster, H.^(PD), Rodriguez Gonzalez, M.^(PD), **Gould, R.K.** Green gentrification & the luxury effect: uniting isolated ideas towards just cities for people & nature.
- (in prep)* **Gould, R.K.**, Shrum, T. People who have experienced extreme weather event events are willing to pay more for climate mitigation policy.
- (in prep)* **Gould, R.K.** Quantitative analysis of diverse relational values: local and global, negative and positive.
- (in prep)* **Gould, R.K.**, Daeschler, A.^(UG), Marquina, T.^(Grad), Hackenburg, D.^(Grad) Stories as a way to understand environmental values: Analysis of participant-generated stories about climate change.
- (in prep)* **Gould, R.K.**, Hackenburg, D.^(Grad), Schneider, T.^(UG), Vatovec, C., Moreau, K.. Effects of viewing harmful algal blooms on cortisol levels.
- (in prep)* **Gould, R.K.**, Ardoin, N.M., Biggar, M., Wojcik, D. New perspectives on environmental concern.
- (in prep)* Chan, K.M.A., **Gould, R.K.**, Maller, C., Hails, R., Fish, R. Editorial: Structuring the Mess? Linking theory and practice for the multiple values of nature.
- (in prep)* Himes, A., Muraca, B., Allen, K., Arias-Arevalo, P., Athayde, S., Chapman, M., Coelho, M., **Gould, R.K.**, Herrmann, T., Kemp, G., Kenter, J., Nakachi, A., Nemoga, G., Ortiz, S., Pearson, J., Rono, B., Tadaki, M., Tengo, M. Bonn, A. Moving from relational values to action.
- (in prep)* Himes, A., Muraca, B., Anderson C.B., Athayde S., Beery, T., Cantù Fernández M., Gonzales D., **Gould, R.K.**, Hejnowicz, A.P., Kenter, J.O, Lenzi, D., Pascual, U. Raymond, C., Ring, A., Stalhammar, S., Vatn, A., Zent, E., Nature's multiple values: intrinsic, instrumental, and relational values in the scholarly literature.
- (in prep)* Pratson, D.^(Grad), Farley, J. **Gould, R.K.** Public perceptions of ecological economics and how they relate to climate change beliefs.
- (in prep)* Hackenburg, D.^(Grad), **Gould, R.K.** Algal blooms are complex and gross: Mental Models, environmental learning, and cultural ecosystem services.
- (in prep)* Hackenburg, D.^(Grad), **Gould, R.K.** Historical framing of cyanobacteria and cultural ecosystem services: An analysis of local newspaper coverage over six decades.
- (in prep)* Bliss, S.^(Grad), **Gould, R.K.** Producing values and vegetables, for sale and not, in Vermont, U.SA.
- (in prep)* Morse, J.W.^(Grad), Bray, A.^(UG), Morse, C., and **Gould, R.K.** Coyote Stories: Using Social Citizen Science to Elicit Vermonters' Narratives about Wildlife Values.
- (in prep)* Morse, J.W.^(Grad), Elliot, R.^(UG), Bray, A.^(UG), and **Gould, R.K.** Decision-makers' Awareness and Use of Non-

material Values in Natural Resources Policy in Vermont, U.S.A.

(*in prep*) Adams, A.^(Grad), **Gould, R.K.** Short-form interviews as a method for understanding Cultural Ecosystem Services.

PROFESSIONAL SERVICE OUTSIDE OF HOME UNIVERSITY

German Center for Integrative Biodiversity Research (iDiv) Project, Working Group 2021-present

Participant in working group on “Synthesizing Indigenous and Local Knowledge worldviews to develop frameworks for effective operationalization of relational values in environmental governance” (2021-2024)

***People and Nature*, Associate Editor**

Fall 2018-present

Member of the Editorial Board for this relatively new journal published by the British Ecological Society.

Princeton Guide to Environmental Studies, Section Editor

Fall 2021-present

Section editor (with one other scholar) for the Social Sciences and Environment Section of this Guide.

NOAA Coral Reef Valuation Project

Summer 2022-present

Consultant; develop guidance for pluralistic valuation of coral reef ecosystems.

Routledge Handbook on Cultural Ecosystem Services

2022-present

Co-editor of invited collection.

Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)

2018-2022

Lead Author, Values Assessment (Ch 2., Conceptual Foundations) (2018-2022)

NOAA Cultural Ecosystem Services Advisory Group

2020-2021

Help advise NOAA on how to integrate cultural ecosystem services into their management.

NOAA Integrated Ecosystem Assessment, Expert Advisor

2017-2020

Part of a small team of scholars advising NOAA’s IEA for West Hawaii Island, which is a model for other contexts.

Relational Values Special Issue, Current Opinion in Environment and Sustainability 2017-2018

One of three Guest Editors of a Special Issue (17 papers, 60+ submissions) on relational values (published Dec. 2018).

Ecosystem Services and Earth Observation Working Group

2017-2018

NASA-funded working group, core member, Cultural Ecosystem Services representative

Working Group on Connectedness to Nature

Summer 2018-2019

Participant in small invited group convened by the North American Association for Environmental Education.

Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)

Spring 2017-Fall 2018

Contributing author, Global Assessment: Chapter 5, Pathways to a Sustainable World.

WWF Symposium, Applying Behavioral Science to Reducing Illegal Ivory Trade

December 2017

Facilitator/research consultant for a one-day workshop that followed the Fuller Symposium on behavior change.

Working group on relational values and Cultural Ecosystem Services

June 2016

UNESCO-supported working group, selected participant (1 of 20), discussed RV and CES concepts and application.

PROFESSIONAL SERVICE WITHIN HOME UNIVERSITY

Faculty Advisory Board: Master’s in Leadership for Sustainability

2016-present

Faculty advisor for MLS program, which foregrounds equity, justice, and community in environmental study.

Appointed Ad-hoc member, Research Advisory Council 2020-present
Appointed to serve on advisory council to Vice Provost for Research (other members are Colleges' Deans of Research).

Internal consultant: RSENR survey about antiracist practices (faculty and staff) Summer 2022
Aid school leadership in designing and interpreting results from survey about antiracist practices.

Fellow: UVM Faculty Fellows for Diversity and Inclusion 2019-2021
Selected as participant in university-wide program to increase awareness of and attention to diversity and inclusion.

Member/Co-chair, UVM Committee on Research, Scholarship, & Creative Arts 2016-2022
Represent college on, and co-led in 2022, university-wide faculty senate committee on research and creative arts.

Host, Gund Institute Macmillan Scholar Program, semester-long visiting scholar Fall 2021
Applied for and received funding to host Dr. Eglee Zent, an expert in Indigenous worldviews, at UVM for 3+ months.

Organizer: "Beyond material benefits" Collegial Network 2016-2017
Received Humanities Center funding, convened faculty from philosophy, art, classics, sociology for monthly discussion.

Fellow: UVM Service-learning program 2016
Selected as participant in program designed to train faculty in reciprocal service-learning teaching.

UVM Women in Science invited seminar speaker 2018
Speaker and workshop leader for session. Addressed topic of "Emotion: A gender question?"

UVM Postdoctoral Association Invited Speaker 2018
Speaker and workshop leader for session. Addressed topic of research and community engagement.

Search Committee, UVM Environmental Program Director 2015-2016
Invited to join search committed for program director in first months as a faculty member.

AWARDS AND RECOGNITION

**Indicates awards also listed in the "Funding Acquired for Research" Section.*

Fulbright US Scholar (Fellow; Carlos Rico Award for North American Study)	2022-2023
Earth Leadership Program (selected as Fellow)	2022-2024
UVM Diversity and Inclusion University Fellow	2020-present
IPBES Lead Author, "Assessment of the Multiple Values of Nature"	2018-2022
*UVM Vice Provost for Research EXPRESS award for early-career faculty	2015
Selected as Participant (1 of 30), United Nations FutureEarth Young Scientists Conference on Integrated Science, "Ecosystems & human wellbeing in the green economy"	2014
Stanford Graduate Fellowship for Public Service	2012-2013
Stanford School of Earth Science Mentorship Certificate	2012
*Stanford Interdisciplinary Graduate Fellowship	2010-2013
*Heinz Environmental Research Fellowship	2010
*Stanford Lieberman Fellowship for University Service and Teaching	2010
*Stanford School of Earth Sciences Undergraduate Research Award (mentor)	2009 and 2010
*McGee Fellowship for Summer Research	2008 and 2009
Stanford Centennial Teaching Assistant Award	2008
*Stanford Graduate Fellowship	2007-2010
*Yale Tropical Resources Institute Research Grant	2006
*Jubitz Fellowship	2006

Phi Beta Kappa	2003
Harvard College Women's Leadership Award (Honorable Mention)	2003
Richardson Fellowship for Public Service	2003
Harvard Undergraduate Council Hall of Fame 2003 Inductee	2003
Harvard Lowell House Honorary Awards (Master's Prize 2003, Stewart Prize 2002, Pechet Travel 2002, Perkins Prize 2001)	
Toyota Community Scholar	1999-2003
Weissman International Internship Grant	2002
David Rockefeller Center for Latin American Studies Internship Grant	2000
Harvard Freshman Detour Book Award	2000

INVITED TALKS

The IPBES Values Assessment (workshop presentation and discussion).

Kyoto, Japan. University of Kyoto and University of Tokyo. Workshop on relational values research. October 2022.

Bringing the multiple values of nature into decision-making (Keynote address).

Tokyo, Japan. University of Tokyo Graduate School of Frontier Sciences. Symposium on nature valuation. October 2022.

Values as leverage points for transformative change.

Montreal, Canada. McGill University. Agriculture and Environmental Sciences departmental seminar. October 2022.

Bringing the multiple values of nature into decision-making.

Montreal, Canada. Concordia University. Geography, Planning, and Environment departmental seminar. October 2022.

The relational 'turn' in sustainability science – a focus on Latin American perspectives.

Remote. Stanford University Social Ecology Lab. February 2022.

Trends and conundrums in research on the multiple values of nature.

Remote. Duke University Nicholas School of the Environment. Duke University Marine Lab Seminar Series. January 2022.

Core principles of environmental education

Remote. Snow Leopard Trust Education module. September 2021.

Five trends in cultural ecosystem services: Toward greater equity and justice in ecosystem services research and practice

Remote. University of Hawai'i. Natural Resources and Environmental Management departmental seminar. February 2021.

How "the multiple values of nature" relate to diversity, equity, inclusion, and justice

Remote. University of Illinois Urbana-Champaign. Natural Resources and Enviro. Sciences lectures series kickoff. August 2020.

Relational values and environmental education

Remote. University of Colorado, Environmental learning research group led by Louise Chawla. June 2020.

Ideas for how to be inclusive and imaginative as we consider multiple values of nature (keynote address)

Bristol, United Kingdom. British Ecological Society. Multiple values of nature symposium. March 2020.

Frontiers in Cultural Ecosystem Services and Relational Values

Montreal, QC, Canada: McGill University. November 2018.

New Horizons in Environmental Education (plenary presenter and panelist)

Spokane, WA: North American Association for Environmental Education. October 2018.

Community Engagement and Outreach in Research

Burlington, VT. Keynote speaker, University of Vermont Postdoctoral Association Annual Symposium. September 2018.

Non-Western perspectives and learning in ecological economics (plenary presenter and panelist)
Burlington, VT: A Research Agenda for Ecological Economics Workshop. August 2018.

Frontiers in Cultural Ecosystem Services
Hanover, NH: Dartmouth College. March 2018.

Community-Engaged Scholarship
Burlington, VT: Community Engaged Scholarship Showcase. February 2018.

Cultural Ecosystem Services
Burlington, VT: Gund Institute for Ecological Economics Research Slam. May 2017.

Cultural Ecosystem Services: How do you measure that?
Middlebury, VT: Howard E. Woodin Environmental Studies Colloquium Series at Middlebury College. May 2017.

How do you measure that? Connecting Cultural Ecosystem Services to decision-making.
East Lansing, Michigan: Michigan State University Hanover Seminar Series. April 2017.

Cultural Ecosystem Services and decision-making.
Burlington, VT: Gund Institute Tea. January 2017.

The promises, pitfalls, and ethical dilemmas of valuing Cultural Ecosystem Services
Lexington, VA: Ethics of Environmental Valuation Panel Symposium, Washington and Lee University. October 2016.

Community Engaged Research
Stanford, CA: Graduate Public Service Fellowship training on Community Engaged Research. October 2014.

Cultural Ecosystem Services Elicitation and Data Collection
Cambridge, U.K.: Cambridge University & World Conservation Monitoring Centre. Tools for Ecosystem Assessment (TESSA) Cultural Ecosystem Services expert workshop. June 2014.

Environmental Learning in the Bay Area project.
Santa Cruz, CA: University of California at Santa Cruz, Environmental Studies Department. Weekly Seminar. March 2014.

FUNDING

<u>Research (including mentorship & dissemination)</u>	Year	Amount
Nature & Wellbeing During and After COVID-19 Restrictions (PI)	2020	\$6,600
Artificial intelligence to analyze relations. btwn ecosystems & human wellbeing (PI)	2020-2021	\$50,000
USFS, McIntire-Stennis, Species & services in maple production landscapes (co-PI)	2020-2023	\$365,000
EPA, Linking Human Well-being & Ecosystem Services (PI)	2016-2020	\$598,321
USFS, McIntire-Stennis, Interdisciplinary research in northeastern forests (PI)	2016-2019	\$434,560
James M. Jeffords Grant for Policy Studies, Student-collected values stories	2019	\$11,547
Vermont Water Center, Mental Models and Harmful Algal Blooms	2018	\$10,000
RSG and National Parks Service, Inventory and Monitoring Program Data	2017	\$19,000
UVM EXPRESS Grant, cultural ecosystem services and environmental education	2015	\$ 3,000
Stanford Community Engagement Grant, hula show	2012	\$ 3,000
Woods Institute Undergraduate Mentorship Grant (mentor)	2012	\$ 5,600
E-IPER Summer Research Grant	2012	\$ 1,826
Heinz Scholars for Environmental Research Fellowship	2010	\$10,000
E-IPER Summer Research Grant	2010	\$ 3,000
Stanford School of Earth Sciences Undergraduate Research Award (mentor)	2010	\$ 5,600

Stanford School of Earth Sciences Undergraduate Research Award (mentor)	2009	\$ 5,600
Woods Institute Undergraduate Mentorship Grant (mentor)	2009	\$ 4,000
McGee Fellowship for Summer Research	2009	\$ 2,000
E-IPER Summer Research Grant	2009	\$ 1,976
School of Earth Sciences McGee Fellowship for Summer Research	2009	\$ 2,000
School of Earth Sciences McGee Fellowship for Summer Research	2008	\$ 1,150
E-IPER Summer Research Grant	2008	\$ 700
Jubitz Summer Research Grant	2006	\$ 3,000
Tropical Resources Institute Research Grant	2006	\$ 2,500
TOTAL FUNDS ACQUIRED FOR RESEARCH	TOTAL:	\$1,549,980

Funded Fellowships & Scholarships Received	Year	Amount
Stanford Interdisciplinary Graduate Fellowship (3 years tuition & stipend)	2009	~\$150,000
Lieberman Fellowship for Public Service (1 year tuition & stipend; declined)	2009	~\$ 42,000
Stanford Graduate Fellowship (3 years tuition & stipend)	2007	~\$125,000
Yale School of Forestry & Environmental Studies Graduate Fellowship	2005	\$ 50,000
TOTAL ACQUIRED FOR TUITION/STIPEND	TOTAL:	~\$367,000

CONFERENCE SESSIONS ORGANIZED, PRESENTATIONS, AND POSTERS

**Indicates serving as an organizer of the session (i.e., organized or co-organized more than a single presentation).*

***Gould, R.** 2021. Trends in and ways to organize cultural ecosystem services research and practice. (Presenter and session co-organizer)

Conference: A Community on Ecosystem Services. *Virtual* (condensed to a few invited panels). (Dec 8).

Gould, R. 2021. Perspective from nature as a mechanism behind nature's mental-health benefits. (Presenter and Facilitator)

Conference: Nature and Health Conference: Generating Understanding Across Communities and Disciplines. *Virtual*. (Oct 12-14)

Gould, R.K. 2021. Perspective from nature as a mechanism behind nature's mental-health benefits. (Poster)

Conference: Mind and Life Summer Research Institute. *Virtual*. (June 4-8)

***Gould, R.** 2019. Exploring the links between harmful algal blooms and human well-being: How and why communities take action.

Conference: Ecological Society of America. Louisville, Kentucky. (Aug 12-16).

Gould, R. 2018. A review of Cultural Ecosystem Services in Decision-making (Presenter)

Conference: A Community on Ecosystem Services. Washington, D.C. (Dec 4-7).

***Gould, R.** 2018. Connectedness to Nature: A panel on past and emerging research (Presenter and session organizer)

Conference: North American Association for Environmental Education. Spokane, WA (Oct 8-10).

***Gould, R.** 2018. Diversity, Equity, and Belonging in Environmental Education (Presenter and session organizer)

Conference: North American Association for Environmental Education. Spokane, WA (Oct 8-10).

Gould, R. 2018. What disciplines are included in environmental education? (Roundtable session leader)

Conference: North American Association for Environmental Education. Spokane, WA (Oct 8-10).

***Gould, R.** 2018. Seizing opportunities to diversity conservation. (Presenter and session organizer)

Conference: North American Association for Conservation Biology. Toronto, Canada (July 23-25).

Gould, R. 2018. Indigenous Perspectives and Relational Values. (Presentation)

- Conference/Workshop:** Social Values for Sustainability. York, United Kingdom (June 26-27).
- ***Gould, R.** 2018. Frontiers in Cultural Ecosystem Services. (Presentation and session organizer).
Conference: Natural Capital Symposium. Stanford, CA (March 19-21).
- Gould, R.,** S. Buglion-Gluck. 2016. Cultural Ecosystem Services and Environmental Education. (Presentation and Facilitated Discussion)
Conference: North American Association for Environmental Education. Madison, WI (Oct 15-16).
- Gould, R.,** N. Ardoin, J. Thomsen, N. Wyman-Roth. 2016. Connections between environmental learning and behavior: Results from a Multiple Case study. (Poster)
Conference: North American Association for Environmental Education. Madison, WI. (Oct 15-16).
- Gould, R.** 2016. Relational Values, Cultural Ecosystem Services in Vermont’s Solar Panel Siting debate. (Presentation and Panel Discussion).
Conference: North American Conference on Conservation Biology. Madison, WI. (July 15-19).
- Gould, R.,** N. Ardoin. 2015. Case Studies of Innovative Hubs for Environmental Learning and Behavior. (Presentation)
Conference: North American Association for Environmental Education. San Diego, CA. (Oct 14-15).
- Ardoin, N., **Gould, R.** 2015. The Environmental Learning and Behavior Nexus: A Bay Area Survey. (Poster)
Conference: North American Association for Environmental Education. San Diego, CA. (Oct 14-15).
- Ardoin, N., **Gould, R.,** Wojcik, D. 2015. The Unusual Subjects: A network analysis of organizations providing environmental learning opportunities. (Facilitated discussion)
Conference: North American Association for Environmental Education. San Diego, CA. (Oct 14-15).
- Gould, R.** and Ardoin, N. 2015. Environmental learning in everyday life: developing a new framework. (Interactive session with small-group, intensive conference track)
Conference: Seizing an Alternative (George Whitehead conference), Ecological Civilization section, “The Psychology of Wellbeing and its Ecological Implications” track. Claremont, CA. (June 4-7).
- Gould, R.,** N. Ardoin. 2014. Environmental Learning in the Bay Area: Emerging findings from case studies. (Discussion section)
Conference: North American Association for Environmental Education. Ottawa, Canada. (Oct 6-8).
- Gould, R.** 2014, N. Ardoin. Settings of Environmental Learning in Everyday Life. (poster)
Conference: North American Association for Environmental Education. Ottawa, Canada. (Oct 6-8).
- Gould, R.** 2014. The Forest Has a Story: Cultural Ecosystem Services in Kona, Hawai’i. (poster)
Conference: Human Well-being in the Green Economy (UN University). Villa Vigoni, Italy (May 25-29)
- Gould, R.,** N. Ardoin. 2014. Environmental Learning in the Bay Area project. (poster)
Conference: Stanford Woods Institute for the Environment Annual Retreat. Santa Cruz, CA (April 25-6).
- *Reed, J, **R. Gould.** 2014. Graduate Student Engagement: Bridging perspectives, partnerships and professions.
Conference: Continuums of Service Conference (Campus Compact). Honolulu, HI (April 2-4).
- N. Ardoin, **Gould, R.,** Biggar, M. 2013. Environmental behavior in everyday life: Results from Community Listening Sessions in the Bay Area. (Roundtable discussion)
Conference: North American Association for Environmental Education Research Symposium, Baltimore, MD (Oct 8-9).

- ***Gould, R.** and N. Ardoin. 2013. How do we combine ‘cultural’ and ‘environmental’ education?
(organized interactive discussion)
Conference: North American Association for Environmental Education Research Symposium, Baltimore, MD
(Oct 8-9).
- Gould, R.** 2013. Only 100 tokens? Mapping of Cultural Ecosystem Services in Kona, Hawai‘i.
Conference: Association of American Geographers, Los Angeles, CA (April 9-13)
- Gould, R.,** N. Ardoin, G. Daily, U. Woodside, and N. Hannahs. 2012. The Forest Has a Story: Cultural Ecosystem Services in Kona, Hawai‘i.
Conference: American Anthropological Society, San Francisco, CA (Nov 14-18).
- Gould, R.,** and N. Ardoin. 2012. Combining cultural & environmental education for middle-schoolers in Hawai‘i.
Conference: North American Association for Environmental Education Research Symposium, Oakland, CA
(Oct 8-10).
- * **Gould, R.,** S. Klain, K. Chan, T. Satterfield, G. Daily, N. Ardoin, U. Woodside, and N. Hannahs. 2012.
(Co-organized session)
Understanding cultural ecosystem services: Findings from pilot studies in Hawaii and British Columbia.
Conference: Ecological Society of America, Portland, Oregon (August 4-10).
- Gould, R.,** and N. Ardoin. 2012. Does “ownership” of a PPSR project impact youth volunteers’ experience? (poster)
Conference: Public Participation in Scientific Research two-day workshop (preceding Ecological Society of America meetings), Portland, Oregon (August 2-3).
- ***Gould, R.,** K. Biedenweig, K. Chan, S. Klain. 2012. (Where) Does Participation Fit in Ecosystem Services Valuation?
(Organized and led working group).
Conference: Ecosystem Services Partnership, Portland, Oregon (July 29-Aug 1).
- Gould, R.,** N. Ardoin, G. Daily, U. Woodside, and N. Hannahs. 2012. The Forest Has a Story: Cultural Ecosystem Services in Kona, Hawai‘i (poster).
Conference: Ecosystem Services Partnership, Portland, Oregon (July 29-Aug 1).
- Gould, R.** 2012. The Ethics of Care (and How They Relate to Ecosystem Services).
Conference: Peter Wall Institute for Advanced Studies Workshop on Ecosystems, Values, and Ecosystem Services, Vancouver, British Columbia (June 23-26).
- Gould, R.,** N. Ardoin, and G. Daily. 2011. Reforestation and Cultural Ecosystem Services in Kona, Hawai‘i.
Conference: International Symposium on Society and Resources Management, Madison, Wisconsin (June 4-8).

REVIEWING

Have served as a peer reviewer for the following journals:

Biological Conservation
Bioscience
Coastal Management
Conservation Letters
Ecological Applications
Ecological Economics
Ecology & Society
Ecosystem Health and Sustainability

Ecosystem Services
Environmental Education Research
Environmental Modelling and Software
Environmental Sociology
Frontiers in Ecology and Environment
International Journal of the Commons
Journal for the Study of Nature, Religion, and Culture
Journal of American Water Resources
Journal of Coastal Management
Journal of Environmental Psychology
The Lancet Planetary Health
Marine Policy
People and Nature
PLOS One
Regional Environmental Change
Society and Natural Resources
Sociology
Sustainability
Sustainability Science

Have served as a peer reviewer for the following other institutions:

National Science Foundation (USA) (as an ad-hoc reviewer (2x); on 2-day panels (3x))
Agency of Natural Resources (France)
National Geographic
National Science Agency (Israel)
National Science Agency (Poland)
SeaGrant (Maine, USA)
University of Minnesota Water Resources Center (USA)

TEACHING

Key to notations below:

- grad*** Indicates a course exclusively at the graduate level.
grad+UG Indicates a course involving graduate students and upper-level undergraduates.
No notation indicates a course with only undergraduate students.

University of Vermont

Research Methods

Sp'20, F'20, Sp'21, F'21

Guiding all undergraduate thesis students in Rubenstein School of Environment and Natural Resources in basic research methods, literature review, proposal development, and advisor interaction. (3 cr, 200-level, ~20 thesis students, mostly juniors).

Social Processes and the Environment

F '16, Spr '18, F'19, F'21

Rubenstein School core curriculum class addressing multiple social science lenses on environmental issues and creating change. Three foci are political processes, economic approaches, and civil society/citizen-led action. (3 cr., 100-level, ~130 students from sophomore to senior)

Nonmaterial Values of Ecosystems

Spr '16, Spr '17, F '18

Investigating human well-being and its non-material relationships to ecosystems, starting from and building on the framing of "cultural ecosystem services." (3 cr, 100-level, ~20 students from freshman to senior)

Environmental Education

F 2017, '18, '20

Exploring how people learn about the environment and become engaged citizens; highly interdisciplinary approach including environmental concern, social norms, attitudes, learning, and behavior theory (3 cr., 200-level, ~30-50 upper-level undergraduates).

grad Applied Environment, Ecology, and Society

F 2017

Rubenstein School requirement for first-year graduate students; introduces epistemology and research design in the context of interdisciplinary environmental research. (2 cr., 300-level, ~20 students, Master's and PhD)

grad Civilization and the Environment (Professor of Record)

F 2016

Expansive class ("From the Big Bang to the Anthropocene") exploring systems theory and multiple forms of knowledge. Central to the Economics for the Anthropocene program, a partnership between McGill University, York University, and the University of Vermont. Class held with all three universities using conferencing software. As Professor of Record, lead discussion and interfaced with Vermont students. (4 cr., 300-level; 5 first-year PhD students)

Prior to Tenure-Track position

grad+UG Service Learning Instructor, Theory & Practice of Environmental Education (Stanford) Spr 2014

With Nicole Ardoin, Professor of Education. In my second year of involvement with this course, I managed service learning experiences for three community-based projects, including working with Stanford's Directors of Community Engaged Learning to develop reflective and organizational activities. Also assisted in Service Learning portion of class in 2015.

grad+UG Co-developer & co-instructor, Public Scholarship and Social Change/Social Justice in a Global Context (Stanford) Spr 2013

With Clayton Hurd, Dir. Public Service Research, Haas Center. Exploring role of university and research in social transformation.

grad+UG Teaching Assistant, The Theory and Practice of Environmental Education (Stanford) Spr 2012

With Nicole Ardoin, Professor of Education. Addressing learning, behavior, and evaluation in environmental education.

grad+UG Co-developer & co-instructor, The 'Environment' in Context: Race, Ethnicity, & Environmental Conceptions (Stanford) Win 2011

With Courtney Bonam, Social Psychologist. Interrogating marginalized and dominant conceptions of race and the environment.

grad Teaching Assistant, Ethical Issues in Ecology and Evolutionary Biology (Stanford) Fall 2009

With Paul Ehrlich, Ecologist. Considering a diversity of ethical issues associated with research, conservation, and biology.

Teaching Assistant, Conservation Science and Practice (Stanford) Spr 2008

With Gretchen Daily, Ecologist. Addressing current challenges and opportunities in conservation.

grad Teaching Assistant, Archetypes and the Environment (Yale) Spr 2007

With Paul Draghi, Forest Historian. Psychology and mythology of the human-"nature" relationship, historical and current.

Teaching Assistant, Local Flora (Yale) Fall 2007

With Thomas Siccama, Ecologist. Species identification and ecological understanding of local native and non-native flora.

Contributions to other courses – invited lectures (planned and lead 1+ hours of class, unless otherwise noted)

- (scheduled) Interdisciplinary scholarship. **Stanford University**: Class: *Interdisciplinary Environmental Problem-solving* (Instructor: Nik Save). February 2022. Responded to questions with one other presenter.
- Cultural ecosystem services and pluralistic valuation of ecosystem services. **University of Vermont**: Class: *Ecosystem Services*. (Instructor: Taylor Ricketts). November 2021.
- Environmental values and wildlife. **University of Vermont**: Class: *Wildlife Conservation*. (Instructor: Mariano Cabal). September 2021.
- Cultural Ecosystem Services. **University of Vermont**: Class: *ENVS 001 Introduction to Environmental Studies*. (Instructor: Brendan Fisher). March 2021.

- Indigenous perspectives and sustainability science. **University of Vermont:** *Class: Sustainability Science.* (Instructor: Amy Siedl). February 2020 and March 2021.
- Relational values and wildlife. **University of Vermont:** *Class: Wildlife Conservation.* (Instructor: Josh Morse) March 2021.
- Interdisciplinary scholarship. **Stanford University:** *Class: Interdisciplinary Environmental Problem-solving* (Instructor: Niké Sawa). February 2021. Responded to questions with one other presenter.
- Environmental learning in everyday life. **Cornell University:** MOOC, *Global Environmental Education* (Instructor Marianne Krasny). September 2019.
- Cultural Ecosystem Services. **University of Vermont:** *Class, Ecosystem Services.* (Instructor: Taylor Ricketts). October 2019.
- Environmental Education and the Outdoors. **University of Vermont:** *Class, Freshman experience class on “Outdoor Living.”* (Instructor Christine Vatoec). November 2018.
- (Informal discussion leader for two chosen questions, rather than leading entire class): How does culture influence science? Historically, who has shaped science and who has been left out? **University of Vermont:** *Class, “Applied Ecology, Environment, and Society.”* (Instructor Kimberly Wallin). November 2018.
- Qualitative coding research methods. **University of Vermont:** *Class, “Research Methods.”* (Instructor Brendan Fisher). October 2018.
- Ecosystem Services, especially Cultural Ecosystem Services. **University of Vermont:** *Class, “Agroecology.”* (Instructor Ernesto Mendez). October 2018.
- Methods to characterize Cultural Ecosystem Services. **University of Vermont:** *Class, “Methods in Ecosystem Services.”* (Instructor Brendan Fisher). March 2018.
- Cultural Ecosystem Services and Traditional Ecological Knowledge. **University of Vermont:** *Class, “Traditional Ecological Knowledge.”* (Instructor Karen Nordstrom). February 2018.
- Ecosystem Services. **University of Vermont:** *Class, “Applied Agroecology.”* (Instructor Ernesto Mendez). September 2017.
- Methods for Cultural Ecosystem Services. **University of Vermont:** *Class, “Methods in Ecological Economics.”* (Instructor Gillian Galford). September 2017.
- Ecosystem Services and Environmental Education. **Cornell University.** *Class, “Global online course in environmental education.”* (Instructor Marianne Krasny). Winter 2016.
- Qualitative methods – Design and Data Analysis (2 sessions). **Stanford University:** *Class, “Practical Approaches to Global Health Research.”* (Instructor Steven Luby). January 2015.
- ABCD (Asset-Based Community Development). **Skyline Community College:** *Half-day workshop for Climate Corps fellowship, San Francisco Bay Area (co-Instructor Julie Reed).* November 2014.
- Case study method. **Stanford University:** *Class, “Environmental Research Design Seminar”* (Instructors Jenna Davis & Amy Pickering). January 2014.
- Ethics in environmental research. **Stanford University:** *Class, “Research Approaches for Environmental Problem-Solving”* (Instructors Peter Vitousek and Nicole Ardoin). May 2014.
- Class lecture and session: Ethical, effective, and reciprocal approaches to partnership in community-based research. **Stanford University:** *Class, “Senior Research in Public Service”* (Instructor Clayton Hurd). January 2014.
- Class lecture and session: Place-responsive dissemination. **Stanford University:** *Class, “Approaching Research in the Community”* (Instructor Clayton Hurd). May 2013.

MENTORING & ONE-ON-ONE TEACHING

PhD Students and Thesis students (Burlington, VT)

2016-present

Am lead advisor for 8 PhD students; have supervised 8 undergraduates who are conducting research on Cultural Ecosystem Services and Environmental Education. Serve on Masters’ committees and PhD committees.

Undergraduate Research Assistants (Burlington, VT; students from UVM)

2016-present

Currently mentor 2 undergraduate research assistants who aid with current research. Have previously mentored 4 UVM students as research assistants.

Environmental Studies capstone and thesis projects 2016-present
Have supervised 2 capstone projects and 5 internship experiences.

Doris Duke Conservation Scholars program mentor 2018-2020
Have served as lead mentor/host for five undergraduate fellows in the Doris Duke Conservation Scholars program (UCSC and NAU), which opens pathways for students under-represented in conservation scholarship and action.

Research Experience for Undergraduates (Burlington, VT; student fr. St. Michael's College) 2016
Closely mentored student in intensive 10-week summer research program funded by NSF.

Graduate Research Assistants (Stanford, CA) 2013-2016
Mentored 5 PhD students in education and sociology. Continued mentorship of two of these students while at UVM.

Undergraduate Research Assistants (Kona, HI; students from Stanford & U. Hawai'i) 2009-2014
15+ undergraduate students mentored in in-the-field interdisciplinary research design and implementation, each for 3+ months. Additional students mentored at Stanford, in independent study and research projects.

Hawai'i Youth Conservation Corps and Student Groups (Kona, HI) 2009-2010
Over 40 students mentored in week-long experiential learning projects related to restoration research.

High School Research Assistants (Stanford, CA) 2008-2009
Mentored three local high school students who regularly assisted with lab work on Stanford Campus.

SELECTED PROFESSIONAL EXPERIENCE PRIOR TO FACULTY APPOINTMENT

Primary Management of Environmental Learning in the Bay Area grant (Stanford, CA) 2013-2016
Manage research activity, including multiple research assistants and consultants totaling a team of over 10 researchers, for the \$1.4-million Environmental Learning in the Bay Area grant. Also manage day-to-day operations, including budget.

Curriculum Development Consultant, Environment and Forestry Institute (Bhutan) 2006-2007
As part of work for Master's thesis, prepared a comprehensive, semester-long curriculum covering Non Timber Forest Products (NTFP) for the emerging Ugyen Wangchuck Environment and Forestry Institute, a division of Bhutan's Department of Forestry. Conducted research on NTFP in Bhutan and assisted the Institute with various activities related to its development.

Projects Coordinator, TNC & Restore America's Estuaries (Seattle, WA) Summer 2005
Served as Coordinator for two distinct projects in Washington State: 1) Began conservation planning in the San Juan Islands, focusing on using The Nature Conservancy's planning process to meld human and biological concerns. 2) Coordinated planning meetings and event preparation for a Puget Sound Summit hosted by six leading environmental NGOs in the area.

Field Representative, The Nature Conservancy Chile Program (Chillan, Chile) 2004-2005
Intern, The Nature Conservancy Chile Program (Washington, DC and Chillan, Chile) 2003-2004
Originally funded by the Harvard Richardson Fellowship for Public Service and later as a TNC employee, led effort to create an action-taking infrastructure composed of Chilean governmental agencies, NGOs, universities, landowners, and The Nature Conservancy. Managed project and served as the interface between TNC, its Chilean NGO partner, and stakeholders.

Founder and Captain, Resource Efficiency Program (REP), Harvard (Cambridge, MA) 2002-2003
Developed a new program to educate and work with 6600 Undergraduates regarding environmental issues and practices. Served as liaison between University administrators and students; created program of organized activities of

15 paid student representatives working in Harvard dorms to increase resource efficiency. The Program has been replicated at universities throughout the US.

PROFESSIONAL SERVICE PRIOR TO FACULTY APPOINTMENT

Stanford Worldviews program, expert on human behavior and sustainability	2014
“Management Matters” facilitator for Stanford Graduate Students	2014
“Interdisciplinary Waters” Training Series, Planning Committee (Stanford, CA)	2010-2012
Co-coordinator, Workshop on Environmental Norms, Institutions, and Policy (Stanford, CA)	2010-2011
IPER Executive Committee Representative (Stanford, CA)	2009-2010
IPER Weekly Seminar Coordinator (Stanford, CA)	2008-9
Graduate Student Advisory Committee, School of Earth Sciences (Stanford, CA)	2008-9
Student Committee, Interdisciplinary Program in Environment & Resources (IPER) (Stanford)	2007-8
Leader, Latin America Student Interest Group (New Haven, CT)	2006-2007
Co-Founder, Resource Efficiency Program (REP) (Cambridge, MA)	2002-2003
Co-Chair, Harvard Environmental Action Committee (Cambridge, MA)	2002-2003
Undergraduate Council Representative (Cambridge, MA)	2001-2003
Vice Chair, House Committee (Cambridge, MA)	2002-2003

TECHNICAL AND ADMINISTRATIVE SKILLS AND TRAINING

Bilingual – Spanish/English (written and spoken)

Computing – NVivo qualitative software; ArcView GIS; R and SPSS Statistical Software.

Professional and teaching development experiences include:

- URGE (Unlearning Racism in the Geosciences) UVM pod; aided with facilitation (2021)
- UVM Faculty Fellow for Diversity and Inclusion
- Multiple workshops at UVM’s Center for Teaching and Learning (e.g., “Engagement techniques for large lectures”; “iClicker techniques”; “Creating clear rubrics;” “PDF annotation for student learning”)
- UVM Diversity and Inclusion training (2015, 2016, 2017)
- UVM Service Learning Fellow (2015-6)
- Participant in Stanford Service Learning Faculty Seminar (training series for faculty offering service learning courses).
- Stanford “Management Matters” facilitator – facilitated 6-week training in management skills for graduate students.
- Workshops offered by the Stanford Center for Teaching and Learning; specific workshops taken include course design, effective teaching, mentorship, effective classroom speaking, grant writing, and scientific writing.
- Year-long series of workshops and training as part of the Graduate Public Service Fellowship; topics included service learning; advocacy and research; community-based research.
- Enrollment in the quarter-long Future Professor seminar, which offered training on diverse aspects of professorial life (e.g., teaching, time management, grant-writing, publishing).
- Science-Policy Communications Trainings (Stanford Woods Institute DC Bootcamp and Rising Environmental Leaders Program; COMPASS media training)
- Professional evaluations conducted by the Stanford Center for Teaching and Learning (involve classroom observation and focus groups with students (with instructors out of the room)).
- Coordinated “Professional Skills Modules” Workshop Series at Yale School of Forestry and Environmental Studies for two years.

- Stanford Office of Career Services personality assessment workshops, including strengths and weaknesses assessments, and ensuing suggestions regarding interpersonal communication
- Attendance at “Tomorrow’s Professor” events, addressing topics such as Interdisciplinary Teaching.