

Katherine (Kaytee) Canfield

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equity + justice • inclusive science communication • critical environmental justice • critical tourism studies

EDUCATION

Ph. D., Marine Affairs, University of Rhode Island, Kingston, Rhode Island, May 18, 2019

Dissertation: "Tourism and Justice on Catalina Island: Local Perceptions of Burdens, Power, and Decision-Making"

Professional Development Badge, Diversity and Inclusion, University of Rhode Island, RI, 2018

M.A., Environmental Studies, University of Southern California, Los Angeles, California, 2016

Major Paper: "Isotopes and Fecal Matter: What Do Isotopes Say About Animal Diet?"

B.S., Environmental Studies, University of Southern California, Los Angeles, California, 2016

PROFESSIONAL EXPERIENCE

Critic

2020-Present Rhode Island School of Design, Providence, R.I., *teaching "Art + Design Research Methods in the Sciences," "Climate Change and Natural Hazards"*

Postdoctoral Researcher

2019-Present Translational Scientist, Environmental Protection Agency, Atlantic Coastal Environmental Sciences Division, Narragansett R.I., *translational science, stakeholder engagement, science communication*

Co-Principal Investigator

2019-2020 With Dr. Sunshine Menezes, Metcalf Institute of Marine and Environmental Reporting at the University of Rhode Island "The Landscape of Inclusive Science Communication," *Kavli Foundation*

Research Assistantships

2018-2019 Drs. Jessica Frazier and Amelia Moore, University of Rhode Island, "Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island"

2017-2018 Dr. Amelia Moore, University of Rhode Island, "Impacts of Offshore Wind Farms on Block Island Tourism", *Bureau of Ocean Energy Management*

Community Engagement

2018-2020 Metcalf Institute of Marine and Environmental Reporting, University of Rhode Island, *Graduate Student Employee*

#InclusiveSciComm Conference

2016-Present Environmental Justice League of Rhode Island, *Member, Project Management Team*
"Historical and Cultural Research of the Port of Providence", *US EPA*
"Equity in Sustainability"

2015 WaterLA, *Policy Research Intern*

TEACHING EXPERIENCE

Mentoring

2018-2019 Mentor Matching Engine, Online Mentoring Match Service for High Schoolers

Instructor of Record

- 2021 Climate Change and Natural Hazards, Rhode Island School of Design, Providence, RI
- 2020 Art + Design Research in the Sciences, Rhode Island School of Design, Providence, RI, with Jacob Mitchell
- 2019 Brown Environmental Leadership Labs: Rhode Island, Brown University, Providence, RI
- 2018 Brown Environmental Leadership Labs: Rhode Island, Brown University, Providence, RI

Graduate Teaching Assistant

- University of Rhode Island, Kingston, RI
- 2017-2018 Introductory Ecology
- 2017 Marine Biology
- 2016-2017 Principles of Biology I Laboratory

- University of Southern California, Los Angeles, CA
- 2015 The Role of the Environment in the Collapse of Human Societies: The Ancient Mayan Civilization

Diversity and Inclusion Workshops

- 2020 “Antiracism and acting in solidarity in the sciences,” Atlantic Coastal Environmental Sciences Division, Environmental Protection Agency, Narragansett, RI
- 2020 “Checking in with our identities and identifying actions to build an antiracist ACESD,” Atlantic Coastal Environmental Sciences Division, Environmental Protection Agency, Narragansett, RI
- 2020 “Exploring our identities and acting in solidarity” GoogleMeet workshop with friends
- 2019 “Exploring Identity and Privilege,” Brown Environmental Leadership Labs: Rhode Island, Brown University, Providence, RI
- 2019 “Exploring Cultural Humility and What You Can Do,” Social Justice in Education course, University of Rhode Island, Kingston, RI
- 2019 “Being an Ally Across Social Identities,” with Brooke Huynh, Professional Development Badge in Diversity and Inclusion, University of Rhode Island, Kingston, RI
- 2019 “Helping students build cultural humility: A showcase of introductory training for first year students and graduate teaching assistants,” Faculty Diversity Committee, University of Rhode Island, Kingston, RI
- 2018 “Introduction to Cultural Competency,” College of Environment and Life Sciences, University of Rhode Island, Kingston, RI
- 2018 “Exploring Identity and Privilege,” Brown Environmental Leadership Labs: Rhode Island, Brown University, Providence, RI

Internships

- Sierra Club – Angeles Chapter, Inspiring Connections Outdoors, Los Angeles, CA
- 2014-2016 Outdoor Experiential Science Education for grades K-12

PUBLICATIONS

Peer-Reviewed Publications

- Canfield KN**, Menezes S, Matsuda SB, Moore A, Mosley Austin AN, Dewsbury BM, Feliú-Mójer MI, McDuffie KWB, Moore K, Reich CA, Smith HM and Taylor C. 2020. Science Communication Demands a Critical Approach That Centers Inclusion, Equity, and Intersectionality. *Frontiers in Communication* 5:2. doi: 10.3389/fcomm.2020.00002

Smith H, Menezes S, **Canfield K**, Guldin R, Morgoch M and McDuffie K. 2020. "Moving Toward Inclusion: Participant Responses to the Inclusive SciComm Symposium." *Frontiers in Communication* 4:77. doi: 10.3389/fcomm.2019.00077

Peer-Reviewed Publications, Sole-authored

September 2020. "Manufacturing Paradise on Catalina Island: Othering and Island and its Residents." *Shima*, 14:2. DOI: 10.21463/shima.14.2.04

Accepted Abstracts, Manuscript Under Review

Canfield K., Mulvaney K., Merrill, N. Expected Jan 2021. "Messaging on slow impacts: Applying lessons learned from climate change communication to catalyze and improve marine nutrient communication." *Frontiers in Environmental Science*.

Reports

With S. Menezes. [The State of Inclusive Science Communication: A Landscape Study](#). Metcalf Institute, University of Rhode Island. Kingston, RI. 77 pp

Conference Papers

With J. Frazier and A. Moore, "Offshore Wind and Public Memory: Unearthing Block Island's Native Past, Present, and Future" at *Energy and the Left Workshop*. New York University, New York, N.Y. March 30-31, 2019

Bulletins

Lead author, [Exploring Solutions to Nutrient Pollution: Restoring Cape Cod's Waters](#) Summer 2020

News Articles, Op-Eds, and Blog Posts

Canfield, K. 21 Sept 2019. "Scholar Activism in a STEM Career". *Sister STEM*.
<https://sisterstem.org/2019/09/21/scholar-activism-in-a-stem-career/>

Canfield, K. 14 Sept 2018. "Residents' views on fairness of resource distribution and recommendations for more justice in Catalina Island tourism development". *The Catalina Islander*.

Canfield, K. 7 Sept 2018. "Results of a graduate study on Catalina Island residents' views of tourism decision-making, power, and justice". *The Catalina Islander*.

Canfield, K. 18 May 2018. "Addressing my last Letter to the Editor". *The Catalina Islander*.

Canfield, K. 4 May 2018. "Residents' insights on the fairness of Catalina Island tourism decisions". *The Catalina Islander*.

PRESENTATIONS

Invited Talks

2020 **Canfield, K.**, A. Rudman, A. Rea, K. Mulvaney, W. Berry, M. Chintala, W. Munns and T. Gleason. Using a Communications Plan for Strategic Stakeholder Engagement in a Solutions-Driven Research Pilot. Society of Environmental Toxicology and Chemistry (SETAC) North America 41st Annual Meeting. Ft Worth, TX, November 15-19. (virtual due to COVID-19).

2020 Rudman, A, **K. Canfield**, A. Rea, K. Mulvaney, W. Berry, M. Chintala, T. Gleason and W. Munns. Applying Stakeholder Mapping to Identify and Address Diverse Needs in Community-centric Project Planning. Society of Environmental Toxicology and Chemistry (SETAC) North America 41st Annual Meeting. Ft Worth, TX, November 15-19. (virtual due to COVID-19).

2020 Menezes, S. and **K. Canfield**. Inclusive SciComm Discussion. Advancing Research Impact in Society (ARIS). Research community office hour. August 12. (virtual due to COVID-19).

- 2020 **Canfield, K.** and K. Mulvaney. Science communication of slow impacts: Applying lessons from climate change communication to motivate publics' understanding of and action against nutrient pollution. American Association of Geographers 2020 Annual Meeting, Denver, Colorado, April 06 - 10.
- 2019 The State of Inclusive SciComm: A Preliminary Report plenary at #InclusiveSciComm. Kingston, RI. Sept 27.

Invited Webinars

- 2020 Menezes, S. and **K. Canfield.** Inclusive SciComm Discussion. Alan Alda Center. Research community office hour. December 2.

Conference Presentations

- 2019 Slow violence in Catalina Island tourism: Selling cultures and constructing histories of residents of color at the American Association of Geographers' Annual Meeting. Washington, D.C. April 3-7.
- 2019 With Frazier, J. and Moore, A. Offshore Wind and Public Memory: Unearthing Block Island's Native Past, Present, and Future at Energy and the Left Workshop. New York University, New York, N.Y. March 30-31.
- 2018 Influence and tourism: experiences with legitimacy and access over time on Catalina Island at the Association for Environmental Studies and Sciences Conference. American University, Washington D.C. June 23.
- 2018 Catalina Island: A vacation in paradise, a life without influence. Presentation on tourism inclusion at *Shima* Journal conference: Archipelagos and Aquaplagos – Conceptualising Islands and Marine Spaces. The Pratt Institute: Brooklyn, NY. March 31.
- 2018 Catalina Island: A vacation in paradise, a life of environmental injustice. Presentation at 8th Annual Dimensions of Political Ecology Conference. University of Kentucky: Lexington, KY. Feb 23, 2018.
- 2018 Catalina Island: An island oasis, but a desert for community influence. Presentation on politics of conducting research at the NOAA Social Coast Forum: Social Science for Coastal Decision-Making. Charleston, SC. Feb 6.
- 2017 With DiRocco, D. Make your Union Great Again: Building and Sustaining Relationships with Your Members. Presentation at the American Association of University Professors Summer Institute. University of Cincinnati, Ohio. July 29.
- 2017 Proposed Study on social power relations on remote resort islands: Social network analysis and stakeholder perceptions of justice. Presentation at the International Congress on Coastal and Marine Tourism (CMT 2017). University of Gothenburg: Gothenburg, Sweden. June 15, 2017.
- 2016 With Collins, L. Isotopes and Fecal Matter: What do Isotopes Say About Animal Diet? Presentation at the Undergraduate Symposium for Scholarly and Creative Work. University of Southern California: Los Angeles, CA. April 12.

WORKSHOP

- 2019 The State of Inclusive SciComm: A Preliminary Report at the Society for the Advancement of Chicanos and Native American Scientists Conference. Honolulu, HI. Oct 31

PROJECTS

- 2018-Present Women Making waves: Attitudes and Demographics of Marine Science Symposium Participants
- 2016-Present Justice and Power on Tourism-Dependent Islands: Local Perceptions of Decision-Making *TourismCares Scholarship, Phi Kappa Phi Love of Learning Award*
- 2015-2016 Isotopes and Fecal Matter: What do Isotopes Say About Animal Diet? *Provost Undergraduate Research Fellow, Women in Science and Engineering Researcher*

2014-2015	Life on an Island: Scales of Tourism, Stakeholders' Decision-Making <i>Provost Undergraduate Research Fellow</i>
2014	Role of the Environment in the Collapse of Human Societies: The Ancient Mayan Civilization, <i>Summer Undergraduate Research Fund</i>

FELLOWSHIPS, HONORS & AWARDS

2019	Graduate Student Excellence in Diversity and Inclusion, URI, Kingston, RI
2019	Center for Humanities Winnie Collaborative Research Grant, Kingston, RI
2019	Rhode Island Center for the Humanities, Mini Grant, Providence, RI
2019	College of Environment and Life Sciences Travel Fund, URI, Kingston, RI
2018	Center for Humanities Graduate Research Grant, Kingston, RI
2018	Rhode Island Sea Grant Travel Award, Rhode Island Sea Grant, Narragansett, RI
2017	Graduate Assistants United at URI Grant Fund Award, URI-GAU, Kingston, RI
2017	Enhancement of Graduate Research Award, URI, Kingston, RI
2017	Love of Learning Award, Phi Kappa Phi Honor Society, Baton Rouge, LA
2017	Luray Caverns Graduate Research Scholarship, Tourism Cares, Canton, MA
2016	Emma Josephine Bradley Bovard Award, USC, Los Angeles, CA
2015-2016	Women in Science and Engineering Undergraduate Fellow, USC, Los Angeles, CA
2014	Anita Brown Wilson Scholarship for Environmental Studies, USC, Los Angeles, CA
2012-2016	USC Presidential Scholar, USC, Los Angeles, CA
2012	National Merit Scholar

UNIVERSITY SERVICE

2018-2019	Voices of Inclusion in Communities of Education and the Sciences (VoICES), <i>Founding Member</i>
2018-2019	Graduate Student Association at URI, <i>Marine Affairs Senator</i>
2016-2019	Graduate Assistants United at URI, <i>Three term Vice President</i>
2016-2018	Society of Women in Marine Science, URI, <i>Social Co-Chair, Symposium Planning Committee, Founding Member</i>
2016-2018	The Coastal Society, URI Chapter, <i>Social Co-Chair</i>
2016	Sustainability 2020 Plan, <i>Water Conservation Undergraduate Representative</i> , University of Southern California
2014-2016	womENST, <i>Co-Founder, Secretary, President, University of Southern California</i>
2012-2016	Environmental Core, <i>Executive Board Member, University of Southern California</i>
2013	Joint Educational Program, <i>Instructor, University of Southern California</i>

PROFESSIONAL AFFILIATIONS

2018-Present	American Association of Geographers: Cultural and Political Ecology; Recreation, Tourism, and Sport; Coastal and Marine specialty groups
2016-2018	The Coastal Society, University of Rhode Island Chapter
2016-2018	Phi Kappa Phi National Honor Society
2015-Present	Phi Beta Kappa National Honor Society