

JENNIFER LISS OHAYON

Silent Spring Institute
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SUMMARY OF QUALIFICATIONS: Applied and theoretical postdoctoral and graduate work, mainly on hazardous waste policy, the health impacts of toxic exposures, environmental justice, and public participation initiatives. More than nine years of professional experience in government and nonprofit settings managing campaigns and projects. Experience working with culturally and socioeconomically diverse communities in urban and rural areas in the continental U.S., Puerto Rico, Chile, and Canada.

EDUCATION AND PROFESSIONAL APPOINTMENTS

- 2015-present Postdoctoral Research Fellow, the Silent Spring Institute, Newton MA
- 2015-present Postdoctoral Research Fellow, the Social Science Environmental Health Research Institute, Northeastern University, Boston
- 2015 PhD in Environmental Studies, University of California, Santa Cruz
- 2013-2014 Visiting Scholar, Center for Science, Technology, Medicine, and Society, University of California, Berkeley
- 2012 MA in Environmental Studies, University of California, Santa Cruz
- 2007 Honors B.A. in Biology and Political Science, the University of Toronto
- 2002-2003 Visiting Student, the University of Glasgow, Scotland

RESEARCH

- 2015-Present **The Silent Spring Institute: Postdoctoral Research Fellow**
- Working on projects across the United States and Chile to report back to study participants and community partners their exposures to hormone disruptors and other emerging contaminants.
 - Evaluating the effectiveness of policy initiatives to reduce exposures to toxic substances.
 - In partnership with the Massachusetts Breast Cancer Coalition, created and implemented hands-on environmental health curriculum across the state of Massachusetts.
- 2009-Present **Environmental Studies Department at the University of California, Santa Cruz: Dissertation Research**
- Fieldwork in California and Puerto Rico, investigating cleanup programs of toxic waste in contaminated military sites and environmental justice policy.

- Methods include interviews, participant observation, archival work, and analysis of large-scale quantitative datasets.

Summer 2009 **Environmental Studies Department at the University of California, Santa Cruz: Pilot Research**

- Theoretical work and fieldwork in California green spaces to examine their potential for biodiversity conservation.

Summer 2006 **Great Lakes Genetic Laboratory, Lake Erie Center at the University of Toledo, Ohio: Researcher**

- Amplified and sequenced the mitochondrial DNA cytochrome *b* gene of the racer goby fish, *Neogobius gymnotrachelus*, to analyze the population genetics and biogeographic relationships of the species in Eurasia.

2005- 2006 **The Mart Gross Lab in Conservation Biology at the University of Toronto: Research Assistant**

- Responsible for various aspects of the laboratory's work in the scientific evaluation of a British Columbia-based Living Gene Bank Program which aims to restore endangered steelhead trout populations.

SELECTED PROFESSIONAL EXPERIENCE

2010-2011 **NSF GK-12 Teaching Fellow, Santa Cruz-Watsonville Inquiry-Based Learning in Environmental Sciences**

- Developed and implemented hands-on environmental programming to empower high school students in a rural, low-income town to address environmental improvements in their own communities.

2003-2008 **Outreach and Communications, The Association of Part-Time Undergraduate Students at the University of Toronto (APUS)**

- Planned and implemented events and issues-based campaigns for the largest part-time student organization in Canada, including on issues such as affordable education, campus childcare and on-site accessibility.
- Helped edit and produce organization's newspaper.

June-Sept 2000, 2001, 2002 **Toronto Community Housing Corporation: Program Leader**

- Free education and recreation programs for children living in low-income housing.
- Directed outreach work with the community, recruited youth, supervised staff, fundraised, and designed and carried out programming for children aged 6-12.

TEACHING EXPERIENCE

Teaching activities have included lecturing, leading discussion sections and labs, developing curriculum, and grading. I have been a Teaching Assistant and Graduate Fellow in the following classes and programs:

2014 Environmental Risks and Policy (University of California, Santa Cruz)
 2012, 2009 Political Economy and the Environment (University of California, Santa Cruz)
 2010-2011 Graduate Fellow in NSF GK-12 Education Grant (Watsonville High School)
 2010 Environmental Assessment (University of California, Santa Cruz)
 2009 Ecology and Society/Writing Lab (University of California, Santa Cruz)
 2009 Disease Ecology (University of California, Santa Cruz)

GRANTS AND AWARDS RECEIVED

2017-2018 Massachusetts Toxics Use Reduction Institute, “Combatting Everyday Chemical Exposures” (\$17,000, PI)
 2017-2020 California Breast Cancer Research Program “The Impact of Proposition 65 on Chemical Exposures Relevant to Breast Cancer” (\$818,795, Co-I)
 2011-2014 Environmental Protection Agency STAR (Science to Achieve Results) Fellowship (\$126,000, PI)
 2009, ‘10, ‘12 UCSC Environmental Studies Departmental Research Grant
 2010-2011 National Science Foundation Graduate Fellow in K-12 Education Santa Cruz-Watsonville Inquiry-Based Learning in Environmental Sciences (\$30,000)
 2010-2011 National Science Foundation Graduate Fellow in the Ethics and Justice in Science and Engineering Training Program, University of California, Santa Cruz.
 2008-10 Regents' Fellowship, University of California, Santa Cruz
 2009 National Science Foundation Pre-Doctoral Grant Honorable Mention
 2006 National Science Foundation REU Grant
 2002 St. George's Society Award for Study in the UK
 2000 Victoria College at the University of Toronto Entrance Scholarship

PUBLICATIONS

Peer-reviewed

Ohayon, J.L., E. Cousins, P. Brown, R. Morello-Frosch, and J.G Brody. 2017. Researcher and institutional review board perspectives on the benefits and challenges of reporting back biomonitoring and environmental exposure results. *Environmental Research* 153: 140-149.

Ohayon, J.L. 2015. “Addressing Environmental Risks and Mobilizing Democracy? Policy on Public Participation in U.S. Military Superfund Sites” *Proving Grounds: Weapons Testing, Militarized Landscapes, and the Environmental Consequences of American Empire*, ed. Edwin Martini. Seattle: University of Washington Press.

Science & Justice Research Center Collaborations Group (J. Reardon, K. Barad, J. Metcalf, I. Carbone, M. Kenney, **J.L Ohayon**, D. Padilla, M. Olivera, K. Richerson, and T. Wise-West). 2013. Experiments in Collaboration: Interdisciplinary Graduate Education in Science and Justice. *PLoS Biol* 11(7): e1001619.

Ohayon, J.L. and C.A. Stepien. 2007. Genetic and biogeographic relationships of the racer goby *Neogobius gymnotrachelus* (Gobiidae: Teleostei) from introduced and native Eurasian locations. *Journal of Fish Biology* 71: 360-370.

Other publications

- Sellers, C., L. Dillon, **J.L. Ohayon**, N. Shapiro, M. Sullivan, C. Amoss, S. Bocking, P. Brown, V. De la Rosa, J. Harrison, S. Johns, K. Kulik, R. Lave, M. Murphy, L. Piper, L. Richter, S. Wylie, and Environmental Data & Governance Initiative. (2017, June 19). The EPA Under Siege. Retrieved from <https://envirodatagov.org/publication/the-epa-under-siege>
- Crandall, S.G., **J.L. Ohayon**, L.A. de Wit, J.E. Hammond, K.L. Melanson, M.M. Moritsch, R. Davenport, P. Quadri, D. Ruiz, B. Keitt, N. Holmes, H.G. Packard, J. Bury, G.S. Gilbert, I.M. Parker. In press. "Best Practices: Social Research Methods to Inform Biological Conservation." In Wildlife Conservation on Inhabited Islands. Ed. J. Russell. *Commonwealth Scientific and Industrial Research Organization (CSIRO)*.
- CenTREAD Working Group (L. Reid, H. Briggs, S. Crandall, J. Eldon, C. Magdahl, **J. Ohayon**, E. Olimpi, D. Schweizer, G. Tadesse, and Y. Wang). Tropical Ecology by John Kricher. *Quarterly Review of Biology* 87: 380.
- Ohayon, J.L.** 2012. "Environmental Remediation." P. Robbins, D. Mulvaney, and G. Golson, editors. Green Technology. Sage Publications, Thousand Oaks, California.
- Ohayon, J.L.** 2012. "Desalination Plants". P. Robbins, D. Mulvaney, G. Golson, editors. Green Technology. Sage Publications, Thousand Oaks, California.
- Ohayon, J.L.** 2010. "Bogotá, Colombia." P. Robbins, N. Cohen, editors. Green Cities. Sage Publications, Thousand Oaks, California.

PRESENTATIONS

- Ohayon, J.L.** Community-Scientist Partnerships: Bridging the Gap Between Communities and Science. February 16-20 2017, American Association for the Advancement of Science. Boston, MA. [workshop facilitator; session led by Union of Concerned Scientists]
- Ohayon, J.L.** Reporting-back results of exposures to environmental contaminants to study participants. April 5-9 2016, Association of American Geographers, San Francisco, CA.
- Ohayon, J.L.** The (Temporal) Scales of Justice: Superfund Policy and Limitations in Addressing the Past Effects of Exposure. June 24-27 2015, Association for Environmental Studies and Sciences, San Diego, California.
- Ohayon, J.L.** Military Fallout: Data Uncertainty and the Policy Response to Environmental Health Problems. August 20-23 2014, Society for Social Studies of Science, Buenos Aires, Argentina.
- Ohayon, J.L.** The Politics of Remediation: Public Participation in U.S. Military Site Superfund Cleanups. April 8-12 2014, Association of American Geographers, Tampa, Florida.
- Ohayon, J.L.** Former Military Lands, New Sites of Battle: Prospects for Environmental

Justice through Public Participation Programs in Base Cleanup. Dimensions of Political Ecology Conference, February 28-March 2013, Lexington, Kentucky.

Ohayon, J.L. Imagining Multispecies Justice: Integrating Environmental Justice and Habitat Conservation in a Contaminated Military Site. Workshop on History and Values in Ecological Restoration, June 7-9 2012, Colorado Springs, CO.

Ohayon, J.L. Militant Knowledges: Public Participation and Superfund Remediation of Former Military Sites. Association of American Geographers, 24-28 February 2012, New York City, NY.

Ohayon, J.L. Restoring Justice? Public Participation in the Restoration of Superfund Sites. Science & Justice: Conversations in honor of Susan Leigh Star, 2-3 June 2011, Santa Cruz, CA.

Ohayon, J.L. 2009. Commodification, Consumerism, and Counter-Discourses. Invited Lecture: Political Economy and the Environment, Environmental Studies Department, UCSC. August 2009.

Ohayon, J.L. and C.A. Stepien. 2007. Genetic and biogeographic relationships of the racer goby from invasive and native Eurasian populations. Joint Meeting of Ichthyologists and Herpetologists, 11-16 July 2007, St. Louis, MO.

SKILLS AND TRAINING

Certifications and Training: Cumulative Exposures Risk Assessment (The Society of Risk Analysis), NIH Protecting Human Research Participants, UC-Santa Cruz Science and Justice Certificate, PADI Open Water Diving

Computers: GIS analysis, statistical and genetic analysis packages (R, Arlequin)

Languages: French and Spanish: Proficient in reading and writing