

Joshua W. Ellsworth

29 Jay Street Somerville MA 02144 617.455.7361 joshua.ellsworth@gmail.com

I am an educator, natural scientist and international development practitioner with experience in project management, sustainability, and innovation and social impact studies. I have a particular interest in advising and mentoring multi-disciplinary teams to plan and carry out complex interventions for social change. I employ iterative and dynamic facilitation approaches and a context appropriate use of tools such as Theory of Change and Systems Mapping.

Languages: English (native)/Spanish (fluent)

TEACHING/MENTORING EXPERIENCE

Adjunct Lecturer, Friedman School of Nutrition Science and Policy, Tufts University. 2018–present

- *Driving Innovation into the World*– Tufts Gordon Institute
- *Water Leadership and Impact Management*– Tufts Institute of the Environment

Lecturer, Master of Arts in Global Development Practice, Harvard Division of Continuing Education

- *Critical Analysis of Global Development Systems*

Adjunct Lecturer, Master of Arts in Peacebuilding, Hartford International University. 2021–present

- *Field Education I&II*

Instructor, Massachusetts Institute of Technology (MIT): PKG Innovation for Impact IAP Workshop Series/D-Lab Ethical Community Engagement Workshop Series/Get Good Stuff Done Workshop Series, January 2016–November 2018.

- Collaboratively developed and co-led an evolving and growing multi-year workshop series to support MIT innovation teams with key skills and competencies around ethically engaging communities in the co-design of development innovations, problem identification, stakeholder engagement and theory of change and systems mapping.
- Facilitated a multi-disciplinary group of participants to share experiences, work together to learn from case studies and provide feedback on actual innovations under development by attendees.
- Mentored multi-disciplinary teams to prepare them for international fieldwork over MIT's IAP session.

Instructor, Hartford Seminary International Peacemaking Program: Project Planning and Implementation Workshop Series, February 2016–present.

- Design and lead workshops on social impact planning in an interfaith program of seminary students.
- Teach concepts and methods of project planning to promote peace building and sustainable development within a range of social and political contexts.
- Mentor students in project planning values and priorities such as sustainability, participation, capacity building, empowerment, and issues related to social justice.

Lecturer, Heller School, Brandeis University, Waltham, MA. 2009–2018

Taught and mentored in three internationally recognized master's programs that explore integrated approaches to ecological, economic, social justice, health, conflict and coexistence issues.

- Designed curriculum and gave instruction to approximately 60 to 70 master's degree candidates annually. Courses included: project planning and implementation, sustainable agriculture and watershed management, and practices and economic tools for sustainable forestry.

- Planned and coordinated annual Capstone Week, four days of 25 faculty-moderated panel sessions in which graduating students present their master's papers (2012–2015).
- Advised 2 to 7 master's degree students annually during writing and revision of the master's paper.
- Service on Curriculum Review Committee, Academic Review Committees (as Chair and member), and Bridgewood Fellowship selection committee.

Invited Judge, 2016 Tufts \$100k New Ventures Competition

Invited Judge, 2016/2017/2018 MIT IDEAS Global Challenge

Mentor, 2016 MIT IDEAS Global Challenge Winners' Retreat

ACADEMIC ADMINISTRATION EXPERIENCE

Assistant Director, Master of Arts in Sustainable International Development, Heller School, Brandeis University. 2012–2015

Assisted in the running of an internationally recognized master's program with 150 to 200 two-year degree students from over 40 countries exploring integrated approaches to ecological, economic and social justice issues. Primary duties included:

- Strategic planning, program design and expansion.
- Review and approval of all students' individual curriculum plans and providing ongoing planning support.
- Review and approval of paper and study proposals for all second-year residence students.
- Leading admissions events for applicants and accepted students.
- Serving on the Curriculum Review Committee and Second-Year Planning Workshop Committee.
- Review and revision of academic policies and procedures.

FIELD EXPERIENCE

Consultant, Union of Concerned Scientists. 2018–2019

- Supported the 12-person Scientists and Analysts Force for Equity in a two-year project to mainstream equity and environmental justice into UCS' research and analysis.
- Co-designed and co-led workshops on leadership, team building and theory of change mapping.
- Advised outside experts on integrating team-building skills into multi-day workshops.

Advisor, Salvemos al Rio Laja, A.C., Mexico. 2015–present

- Work jointly in the U.S. and Mexico to support a Mexican environmental organization in development and implementation of rural development and watershed restoration projects.
- Support the watershed twinning activities of the Laja and Willamette rivers through the Theiss International RiverPrize program.

Program Director/Consultant, Ecosystem Sciences Foundation, Boise, ID. 2007–2015

- Worked jointly in the U.S. and Mexico to manage projects, fundraising, and planning for a U.S.-based foundation specializing in integrated watershed management and restoration in arid and semi-arid ecosystems.
- Worked with Mexican government, USAID-Mexico, USDA, private sector and non-governmental partners to coordinate the implementation of a municipal-wide *payment for watershed services* system that finances watershed restoration and sustainable agricultural projects in rural communities.
- Responsible for developing program concepts, providing technical guidance, building partnerships, and grant writing.
- Coordinated a well-water testing program and rainwater harvesting project in San Miguel de Allende, Mexico, that provides potable water in communities with contaminated groundwater.

Restoration Coordinator, Ipswich River Watershed Association, Ipswich, MA. 2008–2011

- Coordinated watershed and river restoration activities for an 800-member non-profit watershed association.
- Managed multi-year dam removal feasibility studies from conception, public outreach, fundraising, scoping, fieldwork, and data analysis.
- Provided guidance to municipalities and professional organizations on the results of a multi-year EPA Targeted Watershed study that modeled the effects of Low Impact Development, green roofs, and other sustainable practices on the entire Ipswich watershed. Wrote and designed three publications on the studies that targeted the general public.
- Coordinated with partner organizations to manage the Greenscapes-Northshore program that promotes water-use efficiency and sustainable landscaping practices in 14 municipalities.

Restoration Ecologist, Ellsworth Land Management LLC, Somerville, MA. 2001–2006.

- Owner of a consulting firm specializing in invasive plant control and the restoration of native plant communities.
- Designed and implemented ecological restoration projects and created management plans for landowners, land trusts, municipalities, and foresters.
- Developed and delivered workshops to professional land managers on forest restoration and ecology and how to integrate restoration into existing forest management activities.

EDUCATION

Heller School for Social Policy and Management, Brandeis University, Waltham, MA

M.A. in Sustainable International Development, 2007

University of Massachusetts, Amherst, MA

M.S. in Forestry, 2003

Montana State University, Bozeman, MT

B.S. in Fish and Wildlife Management, Honors, 1996

Bates College, Lewiston, ME

Attended, 1990–1992

School for Field Studies—Center for Sustainable Development, San Vito, Costa Rica. Fall 1991.

Intensive coursework in sustainable development, tropical ecology, conservation biology, agro-forestry, sociology, and Spanish language.

SELECTED PUBLICATIONS

A. Madrigal Bulnes, A. Savage Tejada and J. Ellsworth. 2019. “Collective Action and Happy Accidents: Lessons from a Central Mexico Watershed.” In *Practicing Development: Upending Assumptions for Positive Change*. Editors Susan H. Holcombe and Marion Howard, Kumarian Press, Boulder. pp. 265.

J. Ellsworth and A. Madrigal Bulnes. 2012. “Estudio de Caso: Experiencias en el Manejo Integrado de Microcuencas Prioritarias en San Miguel de Allende.” In *La Biodiversidad en Guanajuato: Estudio de Estado. vol. I*. Editors Andrea Cruz Angón et al. Comisión Nacional para el Conocimiento y Uso de la Biodiversidad, México, D.F. pp. 446.

J. Ellsworth, R. Harrington, and J. Fownes. 2004. Seedling emergence, growth, and allocation of Oriental bittersweet: Effects of seed input, seed bank, and forest floor litter. *Forest Ecology and Management* 190: 255–264.

J. Ellsworth, R. Harrington, and J. Fownes. 2004. Survival, growth, and gas exchange of *Celastrus orbiculatus* seedlings in sun and shade. *American Midland Naturalist* 151: 233–240.

J. Ellsworth and B. McComb. 2003. The potential effects of Passenger Pigeon flocks on the structure and composition of presettlement forests of eastern North America. *Conservation Biology* 17 (6): 1548–1558.