



# AMANDA C. GRAHAM

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## CONTACT ME AT



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manda-c-graham

## ACHIEVEMENTS

- ✿ Authored first energy justice course on Coursera platform
- ✿ Secured \$1M endowment for curriculum development & experiential learning with preference for energy justice (Dartmouth)
- ✿ Crafted highest yield summer open house for prospective students (Dartmouth class of 2024)
- ✿ Built first five-school interdisciplinary minor at MIT (energy studies)
- ✿ Launched long-running energy-focused first-year student pre-orientation program (MIT)

## PERSONAL PROFILE

I am an interdisciplinary educator, administrator, and wordsmith in energy, environment, and sustainability. I bring a dialogic approach to teaching and learning design and am driven by the urgency of climate change and social equity.

## WORK EXPERIENCE

### Academic Director

Irving Institute for Energy & Society | Dartmouth College, Hanover, NH | July 2018 - present

Lead ideation, development, implementation, and evaluation of energy education programs, emphasizing experiential learning anchored in the liberal arts. Spearhead energy justice initiatives. Co-create collaborative work culture.

### Executive Director

Environmental Solutions Initiative | Massachusetts Institute of Technology, Cambridge, MA | 2015 - 2018

Led program development and growth strategy for young cross-disciplinary research, education, and convening center. Managed unit finances, grant administration, reporting, communications, and personnel.

### Director of Education

MIT Energy Initiative | Massachusetts Institute of Technology, Cambridge, MA | 2007 - 2015

Guided all aspects of energy education programming for undergraduate and graduate students. Stewarded major gifts and built/expanded graduate fellowship programs.

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### AWARDS RECEIVED

- 📖 Infinite Mile Award for Outstanding Achievement, MIT, 2011
- 📖 Environmental Studies Director's Prize, Williams College, 1989
- 📖 Top paper panel, Environmental Communication Division, National Communication Association, 2000
- 📖 Top Paper, Communication Theory Division, Western Speech Communication Association, 1999

### RECENT WORKSHOPS ORGANIZED

- Do New Energy Summer Summit  
June 2022, Dartmouth
- Do Energy Humanities, October  
2019, Dartmouth
- Do Microfibers and Microplastics:  
Pursuing a Life-Cycle Approach  
to Solutions, January 2018, MIT

### Education Program Manager

Laboratory for Energy & the Environment | Massachusetts Institute of Technology, Cambridge, MA | 2001 - 2007

Developed and managed sustainability and energy education programs including diverse local and global partnerships.

### Social Science Analyst

US Forest Service | Pacific Northwest Research Station, Seattle, WA | 1998 - 2000

Conducted research design, literature review, data collection, analysis and reporting for People and Natural Resources Program.

### Independent Contractor

US Forest Service | Randle Ranger District, Randle, WA | 1996

Provided editorial and production assistance for Guide for the Cispus Adaptive Management Area.

### Recycling Coordinator

Center for Ecological Technology, Pittsfield, MA | 1989 - 1994

Developed and implemented recycling and composting education programs for communities, businesses, schools and citizens throughout four western Massachusetts counties.

## MEMBERSHIPS

- Committee on Energy, Equity and Justice; University Energy Institutes Collaborative, 2021 - present
- Fulbright Selection Committee, Dartmouth College, 2019 - present
- Campus Sustainability Incubator Fund, MIT. 2016 - 2018
- Academic Environment Working Group, MindHandHeart Initiative, MIT, 2015 - 2018
- Planning Committee, first National Energy Education Summit, National Council on Science & the Environment, 2014 - 15

## TRAININGS



edX101: Overview of Creating an edX Course certificate, 2021



"Leader to Leader" Leadership Development Fellow, 2008

## REFERENCES & FULL LIST OF PUBLICATIONS & PRESENTATIONS

Available upon request.

## EDUCATIONAL HISTORY

### University of Washington

PhD, Speech Communication | 1997 - 2001

Philosophy and rhetoric of environmental studies.

Dissertation: A practical hermeneutic for civic environmental discourse: Re-reading polarization as tension in Columbia River salmon deliberations.

MS, Forestry | 1995 - 1997

Social sciences. Thesis: Planning as public dialog: A social communication perspective on participatory processes.

### Williams College

BA, Social & Environmental Policy | 1985 - 1989

Highest honors. Thesis: A case for integrated waste management in northern Berkshire County.

## SELECT PUBLICATIONS

### So you want to teach energy justice....

A. Graham, R. Shulman, A. MacKenzie, X. He. Forthcoming. Chapter in A. Danielson & V. Pappa, eds, Energy Education in a Transitioning World. Cambridge University Press.

### Important factors for just and equitable deployment of electric vehicles and charging infrastructure: investigation based on a large-scale public survey.

With D-Y Lee et al. Forthcoming. Submitted to Energy Policy.

### Implementing new teaching models at the Massachusetts Institute of Technology.

With J. Steinfeld. (2013). Chapter 4 in K-M. Lee and J. Kauffman, Eds, Handbook of Sustainable Engineering. Springer.

### Toward an empirical research agenda for sustainability in higher education: Exploring the transition management framework.

With J.C. Stephens. (2010). Journal of Cleaner Production, 18: 611-618.