

DEBRA SHEPARD, LEED AP

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EDUCATION

Harvard University Extension School, Cambridge, MA
Master’s Degree in Environmental Management **2008**
 Thesis: “A Business Model for Achieving Cost Effective Climate Neutrality in a Single Building”
 Honors: Graduated Cum Laude

Boston University, Boston, MA
B.A. in Biology **2001**
 Areas of Concentration: Marine Biology, Conservation Biology
 Honors: Graduated Magna Cum Laude

CERTIFICATIONS AND AWARDS

Massachusetts Municipal Vulnerability Preparedness (MVP) Provider 2017
 Climate Ready Boston Leader, Greenovate Boston 2017
 Global Reporting Initiative Certified Training – Transition to GRI Standards 2017
 LEED Accredited Professional, United States Green Building Council 2010-Present
 Infinite Mile Award, Massachusetts Institute of Technology 2005
 BU Undergraduate Research Grant and NSF Research Experience for Undergraduates Grant, Boston University 1999

TEACHING EXPERIENCE

Harvard University Extension School, Cambridge, MA
Instructor – “Measure, Report, Reduce: Practical Methods for Greenhouse Gas Reduction Planning” **2010 – 2013**
 Developed syllabus and course structure, delivered lectures, managed Teaching Assistants, and advised graduate students

PROFESSIONAL EXPERIENCE

Riverstone Sustainability, Newburyport, MA
Principal / Owner **2014 – Present**
 Provides sustainability strategy, implementation, and communications consulting services for clients in the education and corporate sectors. Ongoing management of Wentworth’s sustainability program (2008-Present), recognized nationally and internationally for its climate leadership and sustainability education. Helped a leading private school achieve its first LEED Gold Certified green building, and obtain \$100,000 in grant funding for a geothermal heating system.

Phillips Academy, Andover, MA
Sustainability Coordinator **2013 – 2014**
 Led efforts to incorporate sustainability into strategic and master planning, as well as ongoing campus operations, residential life, dining, and co-curricular programs. Served as guest lecturer and advisor for “Climate Change” course, including student projects using the campus as a living laboratory for sustainability.

Sustainserv, Inc., Boston, MA
Senior Sustainability Consultant **2010 – 2013**
 Provided sustainability consulting services for clients in education and corporate sectors. Management of [International Sustainable Campus Network](#), a network of over 40 top-tier universities across the globe interested in sustainable operations and education.

Environmental Health & Engineering, Inc., Needham, MA
Sustainability Specialist **2008 – 2010**
 Developed and implemented sustainability consulting services for clients in higher education and healthcare, including climate action advising for Mount Holyoke College, Boston University, and Harvard School of Public Health.

Woodard & Curran, Andover, MA

Climate & Sustainability Consultant

2008

Provided sustainability consulting services to clients in education, government, and industry. Key projects included greenhouse gas reporting tools for Bosch Automotive and Cabot Cheese.

Massachusetts Institute of Technology, Cambridge, MA

Environment, Health, and Safety (EHS) Program Manager

2005 - 2007

Implemented EHS Management System across 14 departments to ensure regulatory compliance. Led sustainability projects for MIT's Energy Initiative and RecycleMania competition. Co-chair of MIT's Working Group Recycling Committee.

The Forsyth Institute, Boston, MA

Laboratory Manager / Research Assistant III

2001 to 2005

Co-authored two funded research and educational grants (NSF and NIH), and led an independent research project on the cellular basis of memory. Mentored high school and college students in summer research.

PROFESSIONAL PRESENTATIONS

"Internships: Creating a Talent Pipeline for Green Industries"

2017

Co-presented with MassCEC at the USGBC Greenbuild International Conference, Boston, MA

"Climate Ready Boston"

2017

Community Outreach Presentation at Hubway / Motivate, Inc., Boston, MA

"US Green Building Council MA Chapter: LEEDv4 Green Associate Prep Course"

2017

8-hour course taught at Boston Architectural College, Boston, MA

"Campus Sustainability" and "Workshop: Sustainability & Collaboration"

2017

Presented two sessions at the MA Sustainable Communities & Campuses Conference, Beverly, MA

"Sustainable Careers & Lifestyles"

2016

Presented at the MA Green Career Conference, Marlborough, MA

"Careers in Sustainability Management"

2015

Presented at the MA Green Career Conference, Marlborough, MA

"Wentworth Institute of Technology: Building a Sustainable Tomorrow"

2015

Presented at the US Green Building Council MA Chapter Annual Meeting, Boston, MA

"Regional Energy Mapping for Evaluating Options: Case Studies from Switzerland"

2013

Presented at the International District Energy Association Conference, Miami, FL

"The Future of Urban Mobility"

2013

Presented at the MA Sustainable Campus & Communities Conference, Worcester, MA

"Mapping a Clean Energy Future"

2012

Presented at the Association of Climate Change Officers Greengov Conference, Washington, DC

"A Small-Scale Approach to Campus Climate Neutrality: Existing Buildings"

2008

Presented at the Association for the Advancement of Sustainability in Higher Education Conference, Raleigh, NC

MEMBERSHIPS

U.S. Green Building Council – Corporate Membership