DOE-MIT Partnership Awards Women for Energy Leadership
Eight Clean Energy and Empowerment award winners announced

Cambridge, MA – As part of the U.S. Clean Energy Education and Empowerment (C3E) program, run by the U.S. Department of Energy (DOE) and the MIT Energy Initiative (MITEI), eight mid-career women were recognized at the annual C3E Women in Clean Energy Symposium on Tuesday, September 16th and Wednesday, September 17th, for their leadership and mentorship.

The eight-midcareer women who received awards were selected from nationwide nominations and chosen by the C3E Ambassadors. Along with the recognition, they received a $8,000 cash prize from MITEI for their clean energy work. They include:

Entrepreneurial Leadership: Lisa Dyson
Lisa Dyson is the CEO of Kiverdi, a next-generation sustainable oil company that converts CO2 and waste carbon gases into customized oils using the power of biotechnology. Her entrepreneurial background began when she was on the founding team of an MIT start-up that received funding from Microsoft and later built and led a team that developed a technology that reached millions in volunteering campaigns. Among her recent accolades, Dyson was honored this year by the San Francisco Business Times as “One of the Most Influential Women in the Bay Area” for a second year in a row and was given their “Forty Under 40” award for her leadership. Dyson has a PhD in physics from MIT and a Masters from the University of London where she was a Fulbright Scholar.

Education Leadership: Debra Rowe
Oakland Community College Professor Debra Rowe has taught energy management and renewable energies for over 30 years at the college. Throughout this time, she has developed curricula in sustainable development, products and processes and sustainable living and co-founded the Higher Education Associations Sustainability Consortium. She is also the President of the U.S. Partnership for Education for Sustainable Development, which convenes members of the business, education, communities, government, and faith sectors of the U.S. and catalyzes national sustainability initiatives. Rowe received her Ph.D in Business, Masters in Psychology and M.B.A. from the University of Michigan. She received her undergraduate degree from Yale.

Advocacy Leadership: Dorothy Barnett
As Executive Director of the Climate + Energy Project, Dorothy Barnett is leading the effort to address Kansas’s energy future. Grounded in an approach based on prosperity and energy security, Barnett has been successful in convening diverse voices in a conservative region of the country. Prior to her position as Executive Director, Barnett served for 4 years as CEP's Director of Energy and Transmission. This work put Dorothy on the ground in energy policy work at the local, state and regional level. Barnett got her start in wind energy with the Reno County Wind Energy Task Force, which was awarded the Governor's Energy Award for Energy Education in 2008. She has a BA in organizational management from Friends University.

Research Leadership: Sila Kiliccote
Sila Kiliccote is the leader of the Grid Integration Group at the Lawrence Berkeley National Laboratory. Prior to this position, she was a part of the automated demand response team at the national lab, developing an automated communication infrastructure, integrating it with building control systems and working with stakeholders to standardize the information model. Her areas of interest include characterization of buildings and demand reduction, demand responsive lighting systems, building
systems integration and feedback for demand-side management. She has a MS in Building Science from Carnegie Mellon University and a BS in Electrical Engineering from University of New Hampshire.

**Business Leadership: Zadhya Mohammed**
Zadhya Mohammed is a senior marketing manager for the Americas in Siemens’ renewables division. She is also a mentor for Diversity at Siemens in the area of new employees, minorities, and women in the workplace. Mohammed also participate in a variety of formal and informal mentoring and leadership development initiatives, both internal and external to Siemens. These include participating in programs developed by the European School of Management & Technology and the nationwide Women UNLIMITED leadership development program. In her current position at Siemens, she is responsible for selling long term service contracts on wind turbines and product upgrades to customers to improve energy output.

**Government Leadership: Ghita Carroll**
Ghita Carroll is the Sustainability Coordinator for the Boulder Valley School District, where she is building sustainability programs that work across all grade levels and inspire students to bring those energy lessons home for a better climate. In this roll, she is also coordinating existing efforts around sustainability, and garnering support and partnerships for further integrating sustainability into district operations and curriculum. Carroll received a Ph.D. in Environmental Studies at the University of Colorado, Boulder in 2008.

**International Leadership: Ashley Muspratt**
As Founder and CEO of Waste Enterprisers Holding, a start-up company that converts human waste to solid fuel for industry, Ashley Muspratt is a waste-to-energy entrepreneur focused on using business to solve human waste management challenges in developing cities. Currently living in Mombasa, Kenya, Muspratt and her company work with Pivot, which is constructing a waste-to-fuel factory there. Muspratt was named a National Geographic Emerging Explorer in 2011, was a Fellow at the 2012 Unreasonable Institute and mentor at the 2014 Unreasonable Institute East Africa. She received her Ph.D. from UC Berkeley’s Energy & Resources Group and her Masters from the university’s Civil and Environmental Engineering department.

**Law & Finance Leadership: Phuong Phillips**
Phuong Phillips is the Assistant General Counsel of SolarCity, the #1 solar installation company in the U.S. As a key senior member of the team, Phillips has helped drive the company’s rapid and enormous growth, particularly in managing such important transactions as the company’s IPO, convertible note financings, and first-of-their-kind solar asset securitization financings. Previously, from 2003 to 2011, Phillips was an attorney at Wilson Sonsini Goodrich & Rosati, a premier national law firm focusing on technology companies. She holds a B.A. in Communication Studies, with a specialization in Business Administration, and a J.D., both from the University of California, Los Angeles.

Additionally, the program awarded Susan Tierney, a senior advisor at the Analysis Group, with the Lifetime Achievement Award. Tierney is an energy policy and economics expert, specializing in the electric and gas industries. Prior to serving in numerous consulting roles, Tierney was the Assistant Secretary for Policy at the U.S. Department of Energy, a state cabinet officer for environmental affairs, and a state public utility commissioner. She now chairs the External Advisory Board of the National Renewable Energy Laboratory, is a director of the World Resources Institute, along with serving on other boards. Tierney has a Ph.D. and M.A. in regional planning and public policy, respectively, from Cornell University and a B.A. from Scripps College.
Read more about this year’s, and previous, award winners: http://c3eawards.org/winners/

The U.S. Clean Energy Education and Empowerment (C3E) program is an effort to advance the careers and leadership of professional women in the field of clean energy. The program is part of the international C3E Initiative within the 23-government Clean Energy Ministerial framework. Learn more: http://cleanenergyministerial.org/OurWork/Initiatives/WomeninCleanEnergy

The MIT Energy Initiative (MITEI) links science, innovation and policy to transform the world's energy systems. Learn more here: http://mitei.mit.edu/