



Clean Energy Education & Empowerment (C3E)

Ninth Annual U.S. C3E Women in Clean Energy Symposium and Awards

Accelerating the Clean Energy Transition in a Changing World
December 8-9, 2020

We must move faster and smarter to transform and decarbonize our energy system. Climate change, the COVID-19 pandemic, related economic challenges, and social inequity are among the challenges we are facing as we work to accelerate the clean energy transition.

Hosted by the MIT Energy Initiative, in collaboration with the
U.S. Department of Energy, Stanford Energy, and Texas A&M Energy Institute



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Clean Energy Education & Empowerment (C3E)

Agenda

Tuesday, December 8

All times are Eastern Time. [All sessions will be held virtually.](#)

12:00–12:05 pm

WELCOME AND INTRODUCTION

Martha Broad, Executive Director, MIT Energy Initiative; U.S. C3E Ambassador

12:05–12:25 pm

KEYNOTE ADDRESS: FROM AMBITION TO ACTION

Introduction by

Martha Broad, Executive Director, MIT Energy Initiative; U.S. C3E Ambassador

Kate Gordon, Senior Policy Advisor to the Governor on Climate, Office of California Governor Gavin Newsom; Director, Governor's Office of Planning and Research; Chair, California Strategic Growth Council

12:25–12:45 pm

C3E AWARD PRESENTATIONS

Business

Introduction by

Susan Brennan, Chief Operations Officer, Bloom Energy; U.S. C3E Ambassador

Awardee Remarks

Elizabeth Kaiga, Key Account Director for Renewable Energy, DNV GL

Law and Finance

Introduction by

Abigail Ross Hopper, President and CEO, Solar Energy Industries Association; U.S. C3E Ambassador

Awardee Remarks

Britta von Oesen, Managing Director, CohnReznick Capital

12:45–1:10 pm

LIFETIME ACHIEVEMENT AWARD PRESENTATION

Introduction by

Barbara Kates-Garnick, Professor of Practice and Senior Research Fellow, Center for International Environment and Resource Policy, Fletcher School, Tufts University; U.S. C3E Ambassador



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Remarks by

Sheila Hayter, Laboratory Program Manager, Federal Energy Management Program,
National Renewable Energy Laboratory

Awardee remarks

Bob Garrett, Chief Operating Officer, National Renewable Energy Laboratory (Retired)

1:10–1:30 pm

C3E AWARD PRESENTATIONS

International

Introduction by

Bryan Willson, Executive Director, Energy Institute, Holder of the Bryan Willson
Presidential Chair in Energy Innovation, and Professor of Mechanical Engineering,
Colorado State University; U.S. C3E Ambassador

Awardee remarks

María Hilda Rivera, Energy Advisor, Power Africa

Entrepreneurship

Introduction by

Nathalie Duval-Couetil, Professor in the Department of Technology Leadership and
Innovation, Purdue University; U.S. C3E Ambassador

Awardee remarks

Kathy Hannun, Co-Founder and President, Dandelion Energy

1:30–1:35 pm

AFTERNOON PANEL INTRODUCTIONS

Martha Broad, Executive Director, MIT Energy Initiative; U.S. C3E Ambassador

1:35–2:00 pm

BREAK—[PLEASE VISIT THE POSTER COMPETITION GALLERY](#)

2:00–3:00 pm

FRAMING THE ISSUES: CLEAN ENERGY CHALLENGES AND OPPORTUNITIES TODAY AND TOMORROW

Recent global events have greatly disrupted the energy sector. This session will discuss today's clean energy landscape, how to boldly move forward with the energy transition, and the implications for ongoing efforts to address climate change and sustainability.



Clean Energy Education & Empowerment (C3E)

Moderated by

Maria T. Vargas, Senior Program Advisor, Office of Energy Efficiency and Renewable Energy, and Director, Better Buildings Initiative, U.S. Department of Energy;
U.S. C3E Ambassador

Panelists

Colette D. Honorable, Partner, Reed Smith LLP; U.S. C3E Ambassador

Sue Reid, Principal Advisor, Finance, Mission2020

Jessika Trancik, Associate Professor, Institute for Data, Systems, and Society, MIT

3:00–3:20 pm

BREAK—[PLEASE VISIT THE POSTER COMPETITION GALLERY](#)

3:20–4:20 pm

DECARBONIZING INDUSTRY THROUGH TECHNOLOGY RESEARCH, DEVELOPMENT, AND DEPLOYMENT

New and next-generation technologies—and bringing them to scale—offer challenges and exciting opportunities to current and future generations. This session will highlight recent advances in clean energy technologies and current research within the energy sector.

Moderated by

Ramya Swaminathan, Chief Executive Officer, Malta, Inc.; U.S. C3E Ambassador

Panelists

Inês Azevedo, Associate Professor of Energy Resources Engineering, Stanford University; 2017 U.S. C3E Research Award Winner

Johanna Doyle, Head of Commercial Delivery, Reactive Technologies Limited

Jodie L. Lutkenhaus, Holder of the Axalta Chair, Professor, and William and Ruth Neely Faculty Fellow, Artie McFerrin Department of Chemical Engineering, Texas A&M University

4:20–4:30 pm

CLOSING REMARKS

Robert C. Armstrong, Director, MIT Energy Initiative; Chevron Professor of Chemical Engineering, MIT

4:30–5:30 pm

VIRTUAL RECEPTION WITH LIVE POSTER PRESENTATION SESSIONS

[To join the live poster presentations, please visit the virtual poster competition gallery.](#)



Clean Energy Education & Empowerment (C3E)

Wednesday, December 9

All times are Eastern Time. [All sessions will be held virtually.](#)

11:00 am–12:00 pm **LIVE VIRTUAL POSTER PRESENTATION SESSIONS**

[To join the live poster presentations, please visit the virtual poster competition gallery.](#)

12:00–12:10 pm **WELCOME**

Maria T. Vargas, Senior Program Advisor, Office of Energy Efficiency and Renewable Energy, and Director, Better Buildings Initiative, U.S. Department of Energy; U.S. C3E Ambassador

12:10–12:30 pm **C3E AWARD PRESENTATIONS**

Advocacy

Introduction by

Kelly Speakes-Backman, Chief Executive Officer, Energy Storage Association; U.S. C3E Ambassador

Awardee remarks

Cristina Garcia, Assistant Director, Building Electrification Initiative

Education

Introduction by

Anna Siefken, Executive Director, Wilton E. Scott Institute for Energy Innovation at Carnegie Mellon University; U.S. C3E Ambassador

Awardee remarks

Lindsay Dubbs, Associate Director, North Carolina Renewable Ocean Energy Program, Coastal Studies Institute, East Carolina University; Research Associate Professor, Institute for the Environment, University of North Carolina at Chapel Hill

12:30–12:50 pm **KEYNOTE ADDRESS**

Introduction by

Carol Battershell, Chief Executive Officer, Battersea Energy LLC; U.S. C3E Ambassador

Kristina M. Johnson, President, The Ohio State University; U.S. C3E Ambassador Emerita



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12:50–1:15 pm

C3E POSTER PRESENTATION AWARDS

Valentini A. Pappa, Assistant Director of Education, Texas A&M Energy Institute;
Adjunct Assistant Professor, Department of Biological and Agricultural Engineering;
Faculty Affiliate, Texas A&M Energy Institute

Angeliki Diane Rigos, Associate Director for Graduate Programs, MIT Energy Initiative;
Program Manager, DOE Center for Enhanced Nanofluidic Transport, MIT Energy
Initiative

1:15–1:35 pm

C3E AWARD PRESENTATIONS

Research

Introduction by

Julia Hamm, President and CEO, Smart Electric Power Alliance; U.S. C3E Ambassador

Awardee

Simona Onori, Assistant Professor, Energy Resources Engineering, Stanford University

Government

Introduction by

Judy Chang, Undersecretary of Energy, Massachusetts; U.S. C3E Ambassador

Awardee

Natalie Meyer, Sustainability Program Manager, City of Bozeman, Montana

1:35–1:40 pm

AFTERNOON PANEL INTRODUCTIONS

Martha Broad, Executive Director, MIT Energy Initiative; U.S. C3E Ambassador

1:40–2:00 pm

BREAK

2:00–3:00 pm

ENSURING EQUITABLE ACCESS TO THE CLEAN ENERGY TRANSITION

Now, more than ever, we need to chart a sustainable energy transition that is inclusive, just, and economically profitable—especially during the pandemic and subsequent economic recovery. This session will discuss how we can get people back to work and provide training for the clean energy jobs of the future.

Moderated by

Judy Dorsey, President and Principal Engineer, Brendle Group;
U.S. C3E Ambassador; 2012 U.S. C3E Entrepreneurship Award Winner



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Panelists

Shalanda H. Baker, Professor of Law, Public Policy, and Urban Affairs, Northeastern University; Co-Founder and Co-Director, Initiative for Energy Justice

Yana Garcia, Deputy Secretary for Environmental Justice, Border Relations & Tribal Affairs, California Environmental Protection Agency

Alice K. Jackson, President, Xcel Energy–Colorado

3:00–3:20 pm

BREAK

3:20–4:20 pm

FINANCING THE INNOVATORS AND THE INFRASTRUCTURE

Investment is increasing into clean energy across all asset classes—public markets, clean energy projects, and technology development—due to multiple drivers, including increased interest in ESG investing, regulatory momentum, and a greater appreciation of the urgency to address climate change globally. This panel will discuss opportunities to further grow the scale and pace of clean energy investment through innovative structures and policies and how to attract capital to also address issues of equity.

Moderated by

Jennifer McFarlane, Partner, Asterra Partners; U.S. C3E Ambassador

Panelists

Jill Bunting, Deputy Director, Coalition for Green Capital

Marcene D. Mitchell, Global Head of Strategy and Business Development, Climate Business Department, IFC

Nathalie Wallace, Formerly Global Head of ESG Investment, State Street Global Advisors

Milo Werner, Partner, Ajax Strategies; 2014 Innovation and Technology U.S. C3E Award Winner

4:20–4:30 pm

CLOSING REMARKS

Martha Broad, Executive Director, MIT Energy Initiative; U.S. C3E Ambassador