

# Research

## BU Research on a Sustainable Energy Future

March 3, 2016 | 4:00-6:00 PM

### Introductions:

Gloria Waters

Vice President and Associate Provost for Research

Peter Fox-Penner

Professor of the Practice, Questrom School of Business

### Research Presentations:

- **Energy Transitions in the United States, 1780-2010**  
*Cutler Cleveland, PhD, Professor, Earth & Environment, College of Arts & Sciences*
- **Global Energy Demand in a Warming Climate**  
*Ian Sue Wing, PhD, Associate Professor, Earth & Environment, College of Arts & Sciences*
- **Greening the Bi-Polarization of Global Economic Governance**  
*Kevin Gallagher, PhD, Professor, Frederick S. Pardee School of Global Studies*
- **Why the Paris Accord May Be Worse Than Nothing**  
*Laurence Kotlikoff, PhD, Professor, Economics, College of Arts & Sciences*
- **Governing the Environmental Impacts of Energy**  
*Henrik Selin, PhD, Associate Professor, Frederick S. Pardee School of Global Studies*
- **Climate Change and Contingent Adaptation: Lessons from South Asian Mega Cities**  
*Madhu Dutta-Koehler, PhD, Associate Professor of the Practice, City Planning & Urban Affairs, Metropolitan College*
- **Where Does the CO<sub>2</sub> in Cities Come From?**  
*Lucy Hutyra, PhD, Associate Professor, Earth & Environment, College of Arts & Sciences*
- **Demand Projection for Natural Gas in Boston**  
*Nathan Phillips, PhD, Professor, Earth & Environment, College of Arts & Sciences*
- **Improving Performance & Sustainability of Commercial Buildings**  
*Michael Gevelber, PhD, Associate Professor, Mechanical Engineering, College of Engineering*
- **Devices and Processes for Energy and Environmental Sustainability**  
*Uday Pal, PhD, Professor, Materials Science & Engineering, College of Engineering*
- **Lighting Is a Platform for Sensing and Control**  
*Thomas Little, PhD, Professor, Electrical & Computer Engineering, College of Engineering*
- **Sustainable Large-Scale Solar Energy Conversion by Water-free Cleaning of Solar Panels and Mirrors by Electrodynamic Screens**  
*Malay Mazumder, PhD, Research Professor, Electrical & Computer Engineering, College of Engineering*
- **The Transition to Platforms in Energy is Inevitable**  
*Marshall Van Alstyne, PhD, Professor, Information Systems, Questrom School of Business*

- **T&D Nodal Location Marginal Cost Discovery for Efficient Demand-Side Provisioning of Reserves and Massive Renewable Generation Integration: A Distributed Computing and Communication Architecture**

*Michael Caramanis, PhD, Professor, Mechanical Engineering, College of Engineering*

- **MassCEC's Resources for Universities**

*Kavita Ravi, PhD, Director of Strategic Analysis, Massachusetts Clean Energy Center*

*Thank you for your participation*



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