

# Research

## Air, Earth, and Water: Elements of Health and the Urban Environment

OCTOBER 15, 2015 | 4:00-6:00 PM

*This series of micro-talks will bring together BU scholars from the Departments of Earth & Environment and Biology, the School of Public Health, School of Law, School of Medicine, and others to share recent research related to the urban environment – from the air we breathe and water we drink to the soil beneath our feet. Each faculty member will be given 3-5 minutes to present an overview of their research. Each presenter is also allowed 1-2 slides. Presentations will be timed.*

### Introductions:

Gloria Waters

Graham Wilson

Vice President and Associate Provost for Research

Professor, Political Science, and Director, Initiative on Cities

### Research Presentations:

- **Urban air quality and children with asthma**  
*Megan Sandel, Associate Professor, Environmental Health, School of Public Health*
- **Energy and climate policy analysis; international trade and carbon leakage; climate stewardship; climate change impacts on agriculture, energy, and water**  
*Ian Sue Wing, Associate Professor, Earth & Environment, College of Arts & Sciences*
- **Air pollution exposure in urban environments, including recent research in LA and Boston**  
*Jonathan Levy, Professor, Environmental Health, School of Public Health*
- **Inner city asthma studies in children**  
*George T. O'Connor, Professor, Medicine, School of Medicine*
- **Interior air quality, environmental stressors, and determinants of health**  
*Madeleine Scammell, Assistant Professor, Environmental Health, School of Public Health*
- **Drinking water contaminants and health outcomes, long term health effects of early life exposure to PCE contaminated drinking water**  
*Ann Aschengrau, Professor, Epidemiology, School of Public Health*
- **Urban gas leaks, water loss, and carbon gain in global environmental change**  
*Nathan Phillips, Professor, Earth & Environment, College of Arts & Sciences*
- **Ecosystem cycling and climate change, nutrient cycles, marine environments**  
*Robinson (Wally) Fulweiler, Associate Professor, Earth & Environment, College of Arts & Sciences*
- **Law and religion, environmental law, natural resources, constitutional law. Upcoming book *When God is Not Green: A World-wide Journey to Places Where Religious Practice and Environmentalism Collide***  
*Jay Wexler, Professor, Law, School of Law*
- **Urban nitrogen deposition**  
*Pamela Templer, Associate Professor, Biology, College of Arts & Sciences*

- **Heterogeneity in individually experienced temperatures (IETs) within an urban neighborhood**  
*Japonica Brown-Saracino, Associate Professor, Sociology, College of Arts & Sciences*
- **Molecular toxicology, urban gardening, and soil contaminants**  
*Wendy Heiger-Bernays, Associate Professor, Environmental Health, School of Public Health*
- **Integrated solutions at the water-energy nexus for urban municipal solid waste management**  
*Jillian Goldfarb, Research Assistant Professor, Mechanical Engineering, College of Engineering*

### Closing Remarks:

Katharine Lusk

Executive Director, Initiative on Cities

*Thank you for your participation*



**Boston University** Office of the Vice President and Associate Provost for Research  
One Silber Way, 8th Floor, Boston, MA 02215  
617-353-2230 / [research@bu.edu](mailto:research@bu.edu)