



# L·A·S·E·R

LEONARDO ART SCIENCE  
EVENING RENDEZVOUS

NEW BRUNSWICK

**“Powering a  
Sustainable World”  
Wednesday, February 6  
6-7:30 p.m.  
Zimmerli Art Museum  
MAX Classroom**

In collaboration with the Rutgers Sustainability Coalition, this LASER will bring together students, researchers, and the greater campus community to consider the theme of “Powering a Sustainable World.” The Rutgers University Senate committee is currently considering the charge to move Rutgers to 100% Renewable Energy by 2050. Focusing on the nexus of art, science, technology, and social, environmental, and economic sustainability, the evening will consist of lightning talks and a Q&A conversation with RU innovators in the field of sustainability and the author of the 100% Renewable charge.

**Seating is limited. RSVP Here: <https://bit.ly/2Rm9Gs3>**

## FEATURED SPEAKERS

### **Dr. Dunbar Birnie**

**Dr. Birnie III, Ph.D.** is the Corning/Saint-Gobain Malcolm G. McLaren Professor of Ceramic Engineering in the Department of Materials Science and Engineering at Rutgers where he teaches a class on “Solar Cell Design and Processing” that integrates patents and innovation with practical scientific and engineering knowledge to help students objectively evaluate new solar technologies. Prof. Birnie has been modeling and measuring how solar power generation overlaps with the expansion of electric transportation. Prof. Birnie also leads an entrepreneurship acceleration program sponsored by the National Science Foundation aimed at helping Rutgers students and faculty take their ideas to market faster.

### **Jill Lipoti**

**Jill Lipoti, Ph.D.** is an Assistant Teaching Professor, at the Department of Human Ecology at Rutgers University. Jill Lipoti has contributed to the development and implementation of the academic Minor in Sustainability, where students enjoy the positive energy and collective ability to make a difference. She has spearheaded the RU Sustainable symposium, where students and faculty connect with the UN Sustainable Development Goals through service, education, research and the arts. Jill Lipoti has B.S., M.S. and Ph.D. degrees in environmental science from Rutgers. She is also an accomplished potter, having shown her work at “Fusion” in Harlem.

### **Amy Wang**

**Amy Wang** is an RU student majoring in Environmental Policy, Institutions and Behavior. She is also the State Board Vice Chair of the NJ Public Interest Research Group Student Chapters. Amy leads NJPIRG’s 100% Renewables campaign, which aims to get Rutgers to commit to 100% renewable energy by the year 2050. Last summer, Amy worked with another student on a feasibility study of renewable energy at RU, researching current practices at the university and using grid expansion plan modeling to determine a cost-effective solution. This semester, Amy will continue to develop and refine the research with Prof. Mark Rodgers of the RU Business School.

Rutgers LASER Committee & the Rutgers Sustainability Coalition

Elizabeth Demaray: Associate Professor of Fine Arts RUC, Advisor Art and Artificial Intelligence Lab, (RUNB), Julia Buntaine (Innovator-in-Residence, RUNB), Kathleen Parrish (student, RUNB, Head Chair of RSC), Remi Leibovic (student, RUC), Jessica Mazzeo (Social Media and Marketing Intern)

