Paul Wright is the Director of the *Berkeley Energy and Climate Institute (BECI)*, a coordinating hub for all energy, climate and environmental programs at UC Berkeley. BECI fosters collaboration between UC Berkeley, the Lawrence Berkeley National Laboratory (LBNL), and all external partners. The Institute promotes interdisciplinary research by integrating science, technology, business, law, and public policy. BECI is dedicated to advancing research, and new educational programs that cultivate the next generation of energy innovators. Among organizations affiliated with top research universities in the United States, BECI is the only campus-wide organization that takes a climate-based approach to energy research. Yet its influence reaches much further than just the campus grounds: BECI's partnership with LBNL engages an institution that shaped – and continues to shape – the history of energy technology and policy at the state, national, and international levels. Campus research includes the Energy Biosciences Institute (EBI), and the energy, climate, and environmental research programs of the Colleges of Business, Engineering, Environmental Design, Law, Natural Resources, and Public Policy, among many others. LBNL research includes pioneering solar-based sustainable energy technologies and bioscience for new energy production. Energy efficiency research remains a key route to sustainability and includes efficiency standards for appliances, advances in building and lighting technologies, foundational work in lithium ion batteries, and new technologies for carbon capture and sequestration. A powerful array of facilities are associated with BECI, such as: LBNL's Molecular Foundry and Advanced Light Source, and the campus's Marvell Nanofabrication Labs and EBI labs. BECI focuses on bringing these assets to politicians and policy-makers, global industry leaders and scientists, students and the public, to solve the greatest challenge of our time. BECI was founded in 2011 by then-Chancellor Robert Birgeneau, Vice Chancellor Graham Fleming, and LBNL Director Paul Alivisatos.

As a mechanical engineering professor, Paul Wright's personal research takes place in the Advanced Manufacturing for Energy (AME) laboratory. Funds from industry, foundations, the federal government, and the California Energy Commission (CEC), support an integrated research program on the *resilience & analytics of energy systems*. Individual PhD projects cover a broad spectrum: Communicating MEMS-sensors for advanced electrical-grids and gas distribution systems; Energy harvesting; 3D printing of storage systems; Demand Response, and Condition Based Monitoring (CbM) of energy systems. These projects are the catalysts for many recent start-ups such as *Imprint Energy* and *Wireless Industrial Technologies*. Paul Wright was born in the UK and holds degrees in metallurgy from the University of Birmingham, England. Prior to UC Berkeley he held academic positions at the University of Auckland, New Zealand; Cambridge University in England; Carnegie-Mellon University in Pittsburgh PA, where he was co-founder of the Robotics Institute; and the Courant Institute of Mathematical Sciences at New York University. His books and journal articles focus on mechanical engineering design, materials science, information systems, and manufacturing for energy. He is a Fellow of the Society of Manufacturing Engineers, Fellow of the American Society of Mechanical Engineers, and a member of the 'Industrial, Manufacturing & Operational Systems' Section of the U.S. National Academy of Engineering (NAE).