

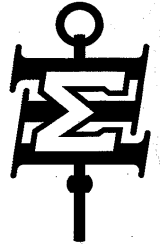
Science & Society Distinguished Public Talks

Co-sponsored by the Albuquerque Section of the Institute of Electrical & Electronic Engineers (IEEE) and its Life Members Affinity Group, Sigma Xi (the Scientific Research Society), the UNM Department of Physics & Astronomy, and the UNM Division of Continuing Education.

Presents



Whose innovations are helping? Comparing climate change solutions from engineers, architects, planners, chemists, biologists, and others



By

Clinton J. Andrews

Thursday, 20 November 2014

The University of New Mexico Conference Center, Auditorium
1634 University Blvd. NE

Meet & Greet: 5 p.m.

Pizza with the speaker will follow the lecture

Clinton J. Andrews PhD PE AICP is Professor of Urban Planning and Policy Development, Associate Dean for Planning and New Initiatives, and Director of the Center for Green Building, at Rutgers University in New Brunswick, New Jersey. His research addresses behavioral, policy and planning questions related to energy use in the built environment. Dr. Andrews was educated at Brown and MIT as an engineer and planner. He has worked in the private sector as a design engineer and technology assessor, helped launch an energy policy project at MIT, and helped to found a science policy program at Princeton. At Rutgers, he has launched initiatives in energy policy, green building, and innovation studies. Dr. Andrews is a recipient of the IEEE Millennium Medal and the Society on Social Implications of Technology Brian O'Connell Distinguished Service Award.

Abstract. The problem of human-accelerated climate change is serious enough that it is inspiring a range of solutions reflecting a variety of disciplinary and professional perspectives. This talk samples the solution space and asks which proposals are ripe for implementation now as we begin the transition to a post-carbon era. Using examples of innovative buildings, settlements, energy networks, smart infrastructures, and energy production technologies, it compares their maturity, scalability, cost, and side effects.