

Highlights of Preliminary Schedule of Speakers and Symposia

Keynote Speakers

Friday, April 11, 7:30 pm

Norm Augustine, author of "Rising Above the Gathering Storm", Powell Lecture

Friday, April 11

Kip Hodges, Director – School of Earth and Space Exploration, Arizona State University, "**Trans-disciplinary Research and Its Value in Sustainability**"

Saturday, April 12

Annette Sobel, M.D., Major General USAF - "**The Real World Challenges and Opportunities for Global Health Surveillance**"

Nanomaterials and Nanostructure

Friday, April 11, 1:30 – 5:00 pm. Chaired by Jeff Brinker and Hongyou Fan, Sandia National Laboratories

Among the presenters will be Douglas Gin, University of Colorado

"Nanostructured Polymers for Enhanced Catalysis and Separations"

Energy

"The Future of Solar and Wind Energy: Technical and Market Barriers"

Presenters from Sandia National Laboratories, National Renewable Energy Laboratory, New Mexico State University

"Biofuels: Solutions Are Growing"

Presenters from the University of New Mexico, Auburn University, Sandia National Laboratories

"Energy Security and Stewardship"

Rajan Gupta, Los Alamos National Laboratory (*Think Global website*)

Health

Saturday, April 12 morning

"Emerging Infectious Diseases and Bio-threat Agents"

Presenters from University of Texas Medical Branch, University of New Mexico, Sandia National Laboratories

"Nanotoxicology"

Presenters from Rice University, Sandia National Laboratories

Sustainability

"Exploring the Energy-Water Nexus"

Presenters from Sandia National Laboratories, National Renewable Energy Laboratory, New Mexico State University

Collaboration

"National Laboratory/University Collaboration Models: New and Old Models"

Presenters from Sandia and Los Alamos National Laboratories, New Mexico EPSCoR

"International Collaborations and Technology Entrepreneurship"

Presenters from the University of New Mexico Anderson School of Management

"Focusing Your Limited Resources to Find Partners and Grants via Data Mining Tools"

Presenter: Joel Sikora, Sandia National Laboratories

Science Education

Saturday, April 12 morning

"Ripley's Believe It or Not Education Collaboratives"

Presenters from the Department of Labor WIRED Program, Community Colleges, New Mexico Alliance for Optics & Photonics Education, the Maddox Foundation

"Developing the Next Generation: The National Institute for Nano-Engineering"

Presenters from the University of Texas, Sandia National Laboratories, University of New Mexico

Security

"Biosecurity and Food Safety"

Presenters from the Food and Drug Administration, New Mexico Department of Agriculture, Sandia National Laboratories