

# INNOVATE NEW MEXICO® TECHNOLOGY SHOWCASE

Presented by the State of New Mexico's Technology Research Collaborative  
and New Mexico Manufacturing Extension Partnership

Tuesday, April 26, 2016  
Anderson-Abruzzo Albuquerque International Balloon Museum  
Albuquerque, New Mexico

8:00am Registration & Networking

8:30am **Welcome:** Barbara Brazil, Chair, Deputy Cabinet Secretary, New Mexico Economic Development Dept.

**Opening Remarks:** Jennifer Sinsabaugh, Director, New Mexico Manufacturing Extension Partnership

9:00am **Technology Presentations:** (10 minute presentations & 5 minute Q&A by sharks)

1. **Infrared Retina with Meta-Infrared Detectors**, Presented by Sanjay Krishna (UNM)
2. **Mechanically Enhanced Water Desalination Process**, Presented by Ashok Ghosh (New Mexico Tech)
3. **Portable Electronic Awareness Device**, Presented by Derek Doyle (AFRL)

9:45-10:15am **Break/Networking**

4. **Non-Invasive Disease Detection**, Presented by Ron Manginell (Sandia)
5. **Bio Polymer and Green Bio Pesticide**, Presented by Geoffrey Smith (NMSU)
6. **Environmentally Friendly Larvicide**, Presented by Ravi Durvasula (UNM)

11:00am **Break/Lunch**

11:30-1:00pm

**Lunch Panel – New Mexico: Creating the State of Innovation** (upstairs)

*Moderated by Patricia Knighten, Chief Business Development Officer, Team Technologies, Inc.*

- Matthew Fetrow, Technology Engagement Lead, Air Force Research Laboratory New Mexico
- Lisa Kuuttilla, CEO & Chief Economic Development Officer, STC.UNM
- Kevin Wedeward, Dean of Engineering, New Mexico Tech
- Duncan McBranch, Chief Technology Officer, Los Alamos National Laboratory
- Terry Lombard, Director of Intellectual Property and Technology Transfer, Arrowhead Center at New Mexico State University
- Genaro Montoya, Program Leader, Sandia National Laboratories

1:00pm **Break**

1:30pm **Technology Presentations:** (10 minute presentations & 5 minute Q&A by sharks)

1. **Green Gold! Bio-Building Blocks for Chemicals and Fuels**, Presented by Andrew Sutton (Los Alamos)
2. **AmpedTES - An Approach to Improve Heat Transfer in Thermal Energy Storage**, Presented by Sarada Kuravi (NMSU)
3. **Coaxial Amplifier Device**, Presented by Brad Hoff (AFRL)

2:15-2:45pm **Break/Networking**

4. **Magnetic Vortex Fluids Offer New Routes for Non-Contact Mixing and Heat Transfer**, Presented by Kyle Solis (Sandia)
5. **Multi-Functional Composite for Radiation Shielding**, Presented by Ashok Ghosh (New Mexico Tech)
6. **DUO Optoelectronics**, Presented by Milan Sykora (Los Alamos)

3:30pm **Special Remarks: Funding Climate in New Mexico**, Brian Birk, Managing Partner, Sun Mountain Capital

3:55pm **Final Thoughts:** Larry Alei, Board Member at Large, Technology Research Collaborative

4:00-5:30pm **Reception:** Sponsored by Innovate ABQ® Development Team (Signet Development, Dekker/Perich/Sabatini, Goodman Realty Group)

