

## AGENDA

- 8:00 am ○ Registration & Networking
- 8:30 am ○ Welcome: Mark Roper, Acting Cabinet Secretary, New Mexico Economic Development Department
- 8:40 am ○ Keynote: "Thoughts from a Founder of a Unicorn," Doug Campbell, Board Member/Investor/Advisor/Philanthropist/Professional Recreationist
- 9:15 am ○ Research Capabilities in New Mexico Presentations – Moderated by Lisa Kuuttilla, CEO, UNMRI
  - 9:15am – Miguel Maes, WSTF Associate Director, NASA White Sands Test Facility
  - 9:30am – Francisco Pallares, Director, Business Development, Spaceport America
  - 9:45am – Jan Hickey, RAC, COE, Chief, Clinical Manufacturing, VA Clinical Research Pharmacy Coordinating Center
- 10:00 am ○ Networking Break

## TECHNOLOGY PRESENTATIONS

### Sharks for Q&A

- Chuck Call, PhD, CEO, Integrated OffGrid
- Nicole Johnny, MBA, Investment Associate Raven Capital
- Ward Hendon, JD, General Partner, Dangerous Ventures
- Abhi Mukherjee, Operating Partner, Cerracap Ventures

- 10:30 am ○ Technology Presentations – Moderated by: Candice Siebenthal, Program Manager, Feynman Center for Innovation, LANL
  - 10:30am – EcoVer: Clever solutions to enabling eco-friendly technologies, Tanya Agarwal, PhD, Entrepreneurial Postdoc Fellow, LANL
  - 10:45am – Center for Advanced Manufacturing and Innovation (CAMINO), Erica Douglas, PhD, Senior Manager, R&D Science and Engineering, Sandia
  - 11:00am – Microfluidic Fabrication of Silica Microspheres Infused with Positron Emission Tomography Imaging Agents, Nick Carroll, PhD, Associate Professor, Chemical and Biological Engineering, UNM
- 11:15 am ○ Networking Break
- 11:45 am ○ Lunch & Panel – New Mexico Companies – Moderated by: Michael Doyle, PhD, VPR, NMT
  - Yun Li, PhD, Chief Executive Officer, Filtravate
  - Dex Halpin, Vice President and General Manager, High Altitude Platform Stations, AeroVironment
  - Tom Chepucavage, CEO, Flow Aluminum Inc.
  - Michele Ostraat, COO, Pajarito Powder
- 1:00 pm ○ Technology Presentations – Moderated by: Patricia Knighten, Director of Innovation Commercialization, Arrowhead Center at NMSU
  - 1:00pm – Quantum United - Photonic Encryption and Interconnect for Quantum Computing, Vigneshwaran Chandrasekaran, PhD, Researcher, LANL
  - 1:15pm – EcoCFTTrack: Advanced Diagnostic, Monitoring, and Tracking Device for Affordable Cystic Fibrosis Care, Gloria Zhang, PhD, Assistant Professor, Department of Civil Engineering, NMSU; and Roshira Premadasa, PhD, Graduate Research Assistant, NMSU
  - 1:30pm – Photo-Reforming of Waste Plastics Under UV and Visible Light for H2 Production using Nanocomposite Photocatalysts, Huiyao Wang, Pei Xu, PhD, and Thiloka Edirisooriya, PhD
- 1:45 pm ○ Networking Break
- 2:15 pm ○ Technology Presentations – Moderated by: David Kistin, Manager, Technology and Economic Development, Sandia
  - 2:15pm – Developing vaccines for mosquito-borne diseases, Bryce Chackerian, PhD, Regents' Professor & Vice Chair, Department of Molecular Genetics & Microbiology, UNM
  - 2:30pm – ARCUS Floating Offshore Vertical-Axis Wind Turbine, Brandon Ennis, PhD, R&D S&E, Aeronautical Engineering, Sandia
- 2:45 pm ○ Networking Break
- 3:15 pm ○ Technology Presentations - Moderated by: Oscar Martinez Jr., Enterprise Internship Coordination Lead, AFRL
  - 3:15pm – Photoconductive Semiconductor Switches for Fly-By-Light and Pulsed Power, Joseph "Dana" Teague, Power, Thermal, and Energy Storage Lead, AFRL
  - 3:30pm – Precision Optical Alignment with Risley Prisms, Matthew Squires, PhD, Scientist, Space Vehicles Directorate, AFRL
- 3:45 pm ○ Closing Remarks: Melinda Allen, President & CEO, New Mexico Partnership
- 4:00 pm ○ Networking Reception