TENTATIVE AGENDA
for the
SECOND MEETING
of the
SCIENCE, TECHNOLOGY AND TELECOMMUNICATIONS COMMITTEE

July 7-8, 2022
Science & Technology Park Rotunda
University of New Mexico
801 University Boulevard SE, Park North
Albuquerque

Thursday, July 7

10:00 a.m. Call to Order and Introductions
—Senator Michael Padilla, Chair

10:15 a.m. (1) Welcome and University of New Mexico (UNM) Status Update
—James Holloway, Provost and Executive Vice President for Academic Affairs, and Professor, Department of Nuclear Engineering, UNM

11:00 a.m. (2) Department of Information Technology (DoIT): Looking at a State Agency Approach for Cybersecurity
—Raja Sambandam, State Chief Information Security Officer, DoIT

12:00 noon Lunch

1:00 p.m. (3) Cybersecurity Planning and Risk Management in Public Schools
—Richard Bowman, Ph.D., Chief Information and Strategy Officer, Albuquerque Public Schools
—Grant Banash, Poms and Associates; Technology Consultant, New Mexico Public Schools Insurance Authority
—Demetrious Brandon, Chief Information Security Officer, Public Education Department
—Ovidiu Viorica, Program Manager, Broadband and Technology, Public School Facilities Authority

2:30 p.m. (4) UNM Rainforest Innovations (UNMRI)
—Lisa Kuuttila, Chief Executive Officer and Chief Economic Development Officer, UNMRI
—Barr Zulevi, Ph.D., President and Chief Technical Officer, Pajarito Powder
—James Freyer, Chief Scientific Officer, BennuBio, Inc.
—Alexander Hafez, Ph.D., President, Circular Genomics
3:30 p.m. (5) **Water Challenges — Resilience to an Increasingly Arid and Variable Climate**  
—Jennifer Rudgers, Ph.D., Regents Professor, Department of Biology, UNM  
—Marcy Litvak, Ph.D., Professor, Department of Biology, UNM

4:30 p.m. **Recess**

**Friday, July 8**

9:00 a.m. (6) **Create New Mexico: Expanding Education Through Digital Learning**  
—Katherine Crociata, Government Relations Consultant, Adobe Systems Inc.  
—Vanessa Alarid, Consultant, Adobe Systems Inc.

9:30 a.m. (7) **What is Quantum Information and How Will It Impact New Mexico, the United States and the World**  
—Andrew J. Landahl, Ph.D., Distinguished Research and Development Scientist, Sandia National Laboratories; Research Professor, Department of Physics and Astronomy, UNM

10:00 a.m. (8) **Quantum New Mexico**  
—Rick Muller, Ph.D., Senior Manager, Advanced Microsystems, Sandia National Laboratories  
—Ivan Deutsch, Ph.D., Regents Professor, and Director, Center for Quantum Information and Control, UNM

11:00 a.m. (9) **Advanced Manufacturing: Energy Power Management for Renewables and Recruitment of Industry**  
—Ganesh "Gunny" Balakrishnan, Ph.D., Director, New Mexico EPSCoR; Professor and Associate Chair, Department of Electrical and Computer Engineering, UNM

12:00 noon **Public Comment**

12:30 p.m. **Adjourn**