

NASA EPSCoR Technical Monitor Visit

South
Dakota



Technical Monitor: Dr. Sheila Bailey, Senior Physicist in the Space Environments and Experiments Branch at NASA Glenn Research Center

EPSCoR Research Project: “Development of an Advanced Photovoltaic Materials Research Cluster in South Dakota” (2009-2012), Steve Smith (Science PI), Qiquan Qiao (Science Co-PI)

Visit dates: April 28-30, 2010

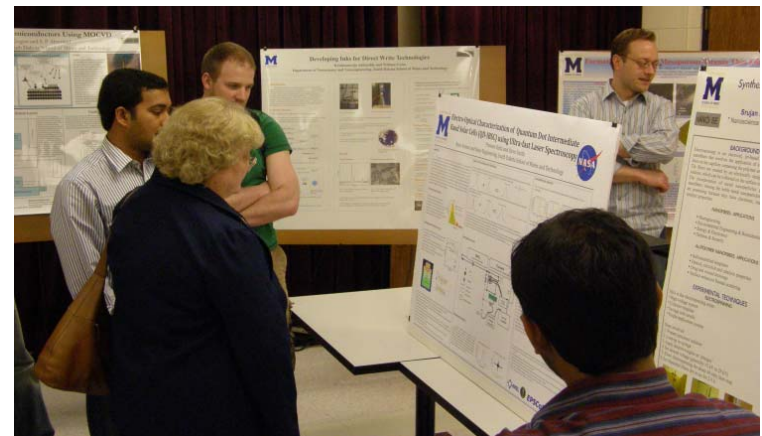
Location: South Dakota School of Mines and Technology, Rapid City, SD

Technical Monitor Activities during Visit:

- Seminar: “The Synergy of Photovoltaics: From Space to Terrestrial Applications”

Dr. Bailey discussed DOE’s photovoltaic goals and the overlap with Space Photovoltaic research. She highlighted the complementary research programs of DOE and NASA in high efficiency solar cells and new cell types. Dr. Bailey also talked about career opportunities at NASA.

- Faculty meetings: Photovoltaics research group, and departments of Physics, Nano Science and Engineering, Materials and Metallurgical Engineering, and Electrical Engineering
- Joint Access Grid meeting with research groups at SDSM&T and South Dakota State University
- Met with students and viewed student poster presentations
- Toured business incubator, Advanced Materials Processing Lab, and Additive Manufacturing Lab



Dr. Sheila Bailey discusses research posters with students in SDSM&T’s Nano Science and Engineering Program.