

SD EPSCoR RII, Track 1 Letters of Intent					
Targeted Focus Area	Title	Sr. Investigator	Email Address	Participating Inst(s)	SRO
	South Dakota Green Energy Initiative (SD-GEI)	A. Smirnova	alevtina.smirnova@sdsmt.edu ;	SDSMT, USD, SDSU, BHSU	
	Advanced Materials for Underground Science and Applications (MESA)	Dongming Mei	dongming.mei@usd.edu ;	USD, SDSMT, SDSU, BHSU, DSU, MMC	
	Making Microbes work for Humanity in Industry, Health and Agriculture	Keith E Weaver	kweaver@usd.edu ;	USD, SDSU, SDSMT	
	Advanced Materials and Computation (AMC)	Andrew Sykes	asykes@usd.edu ;	USD, SDSMT, SDSU	
	The Nexus of Balancing Food, Energy, and Water Use for Enhanced South Dakota Sustainability	David Clay	David.clay@sdsmt.edu ;	SDSU, SDSMT	
	Sensing and Big Data for Food Security	Quinn Qiao	Qiquan.qiao@sdsmt.edu ;	SDSU, USD, SDSMT	
	MR.Sustain: The Missouri River and Its Basin as a Sustainable System	David Swanson	david.swanson@usd.edu ;	USD, SDSU, SDSMT	
	Infrastructure Development for Advanced Robotics, Automation, and Intelligent Systems Engineering (RAISE) Research	Magesh Rajan	Magesh.Rajan@sdsmt.edu ;	SDSMT, SDSU, USD	
	Optimization of Fossil Fuel and Geothermal Resources by Indigenous Development (OFFGRID)	Daniel Soeder	Dan.soeder@sdsmt.edu ;	SDSMT, SDSU, USD	
	SD Biofilm Science and Engineering Center	Robb Winter	robb.winter@sdsmt.edu	SDSMT, USD, SDSU, AU	
	AI for Chest imaging diagnostics: localization, recognition, and staging of cardiopulmonary abnormalities	Santoch KC	santoch.kc@usd.edu	USD, SDSU	
	Understanding the rules at the boundaries of multicellular life – Impacting Science through BioSystems Networks and Translational Research (BIOSNTR)	Adam Hoppe	Adam.hoppe@sdsmt.edu	SDSU, USD, SDSMT, AU	
	Image Analysis and Machine Learning for User/Event Authentication in Vehicle-to-Vehicle (V2V) Communication	Kiho Lim	kiho.lim@usd.edu	USD, SDSU	
	Establishment of a Research Center for Bio-Asphalt and Sustainable Pavement Materials	Rouzbeh Ghabchi	rouzbeh.ghabchi@sdsmt.edu ;	SDSU	
	SD Intelligent Data Analysis and Cybersecurity Center	Yong Wang	yong.wang@dsu.edu	DSU	
	Cyber Classified Operations Laboratory	Josh Pauli	josh.pauli@dsu.edu	DSU	
	South Dakota Center for Advanced Data and Computational Science	Cedric Neumann	Cedric.Neumann@sdsmt.edu	SDSU	