

Contacts: Jack R. Warner, Executive Director and CEO
jack.warner@sdbor.edu

Janelle Toman, Director of Communications
Janelle.toman@sdbor.edu

Telephone: (605) 773-3455

Fax: (605) 773-5320

www.sdbor.edu

FOR IMMEDIATE RELEASE: Thursday, June 6, 2013

Seven University Researchers Earn State Research Grants

PIERRE, S.D. – Seven public university faculty members have been awarded competitive state research grants through the South Dakota Board of Regents.

“Since their inception in 2005, these grants have helped individual faculty members and their departments build a more sustainable research program,” said Paul Turman, the regents’ vice president of research and economic development. “Long term, the goal is to strengthen South Dakota’s research competitiveness and generate more commercial activity derived from research,” he said.

Thirty-seven grant proposals were submitted; seven were funded for a total of \$431,503. For the first time this year, the pool of funds available was split into two different award levels to give more faculty members an opportunity to compete for funding.

Five of the seven research projects are newly funded. Two of the grant awards, to South Dakota School of Mines & Technology researcher Adam French and South Dakota State University researcher Cheng Zhang, fund a second year of their research projects. The research grants allow universities to acquire equipment, hire staff, pay faculty, and support undergraduate and graduate students.

-30-

2013 Competitive Research Grant Program

These are the seven faculty members who received a 2013 Competitive Research Grant, their department, research topic, and grant amount awarded:

Northern State University

- Jon C. Mitchell, Biology – *Molecular characterization of insecticidal activity from environmentally-isolated bacterial strains*; \$22,454

South Dakota School of Mines & Technology

- Adam French, Atmospheric Sciences – *Year 2 Continuation Proposal: An investigation of a non-traditional severe storm evolution: Isolated supercells evolving from squall lines*; \$60,362

-more-

Research Grants – 2

- Bora Cetin, Civil and Environmental Engineering – *Remediation of acid mine drainage and mine tailings with high carbon fly ash*; \$25,000
- Kevin Hadley, Chemical & Biological Engineering – *Development of a proton hopping water model*; \$25,000

South Dakota State University

- Gregory Michna, Mechanical Engineering – *Toward realization of pulsating heat pipe electronics cooling system*; \$99,118
- Cheng Zhang, Chemistry/Biochemistry – *Year 2 Continuation Proposal: Development of a common strategy to address fundamental problems in organic electro-optic, photovoltaic and electronic thin film devices*; \$99,569

University of South Dakota

- Samuel Sathyanesan, Basic Biomedical Sciences – *Development of a therapeutic trophic factor for neuropsychiatric disorder*; \$100,000

##