



BuG ReMeDEE - Summer Undergraduate Research Experiences (SURE)

A "Genome-to-Phenome" initiative on education & research in methane cycling



**\$5000
Stipend with
Free Housing**



Study microbes from extreme environments of 4850-ft deep mine & Yellowstone National Park before presenting your work at a state-wide conference

Projects & training on:

**Genome Editing; Data Mining
Microbial Fuel Cells; Machine Learning;
Nanotechnology; Protein Engineering**

05/27/2019 - 08/02/2019

(Visit to 4850-ft deep research lab)

**For active
undergraduate students**

BuG ReMeDEE is an interjurisdictional research & educational program for creating awareness about greenhouse gases. It is a platform to provide young minds to come and learn the basic tools and techniques of microbial genome editing and analyzing their phenotypes.

BuG ReMeDEE SURE activities are supported by NSF RII Track-2 FEC (#1736255)

Apply by – 02/28/2019; Details - Saurabh.dhiman@sdsmt.edu; (605) 646 5037