



## **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***