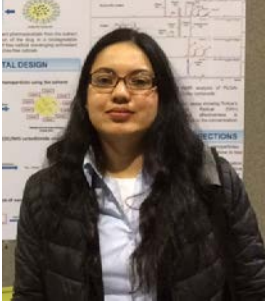


Grant Recipient



Sutapa Barua

Assistant Professor
Department of Chemical
and Biochemical
Engineering

Activities

- ❖ A poster was presented entitled: “Deep Space Drug Shielding.”
- ❖ The PI met with
 - colleagues from other universities, such as Colorado School of Mines, Louisville University, and others;
 - researchers from across the U.S.;
 - international space center physicians, such as Dr. Bergita Ganse from Germany, and
 - scientists from NASA space centers, such as the Ames Research Center, who work in the same area of drug delivery as the PI.

Proposal

- ❖ Attend the 2018 NASA Human Research Program Investigators’ Workshop, Jan. 21-25, 2018, in Galveston, TX
- ❖ \$1,000 grant used for airfare, lodging, travel costs, food
- ❖ The PI’s research group recently won NASA EPSCoR funding for 2017-2018 and received two undergraduate NASA Missouri Space Grant Consortium fellowships in 2015 and 2016. The purpose of this trip was to expand the EPSCoR funding in order to continue doing research for the improvement of astronaut health, as well as support Ph.D. and undergraduate students working on the project.

Outcomes

- ❖ By attending the workshop, the PI learned about several NASA funding sources which she had not been aware of. The PI talked to the program managers directly. In the middle of the poster presentation, the PI was invited to submit a two-page white paper after returning to Rolla.
- ❖ Expected follow-on activities: Submission of the two-page proposal within a week, and seeking additional funding.