

## Grant Recipient



### Dr. Phillip Mulligan

Assistant Research Professor  
Geosciences and Geological  
and Petroleum Engineering

## Activities

- ❖ I served as:
  - ❖ Program committee member, helped with the conference organization, publication reviewer, and session chair.
- ❖ I met with:
  - ❖ Leading scholars in hypervelocity research, Air Force Research Lab (AFRL) Program Managers at Eglin Air Force base, Navy Explosive Ordnance Disposal (EOD) Program Managers at Eglin Air Force base, Program Managers from the Los Alamos National Labs, Program Managers from Sandia National Labs, Sales representatives for high-speed cameras, and state of the art hypervelocity modeling software.

## Proposal

- ❖ 15<sup>th</sup> Hypervelocity Impact Symposium (HVIS)
- ❖ Sunday, April 14<sup>th</sup> to Friday, 19<sup>th</sup>, 2019
- ❖ Destin, Florida
- ❖ Registration: \$950, Hotel: \$1,200, Flight: \$700, Per Diem: \$330, and Rental Car: \$320.
- ❖ I choose to attend the HVIS conference for multiple reasons, some of which include it's proximity to Eglin Air Force Base, the number of program managers that would be in attendance, and the potential to maximize my networking opportunity in one trip.

## Outcomes

- ❖ Invited talk to Los Alamos National Labs
- ❖ Scheduled AFRL Program Manager visit to Missouri S&T in the Summer of 2019.
- ❖ EOD funding avenues and concepts for collaboration.
- ❖ CertaSIM collaboration on upcoming project
- ❖ Demonstration/collaboration with FLIR and Vision research high-speed camera companies on on-going paper.
- ❖ Future research projects and publication opportunities discussed with colleagues.