Jason M. Hicks and John Persson, two students from Dr. Delhommelle’s group, received funding from ND EPSCoR and ND NASA EPSCoR to conduct research at the Applied Physics Laboratory, Johns Hopkins University this summer.

Jason M. Hicks, a graduate student from Thief River Falls, Minn. and John Persson, a junior from Mandan, ND, received travel awards from ND NASA EPSCoR and ND EPSCoR to conduct research at the Applied Physics Laboratory, Johns Hopkins University this summer.

This opportunity comes from a collaborative project on planetary materials research between Dr. Delhommelle (UND) and Dr. Nancy L. Chabot (Johns Hopkins University).

‘I am hugely interested in the application of physics and physical chemistry to geological problems, and I am completely thrilled to participate’ said John Persson.

‘The goal of this project is to gain insight into the partitioning behavior of elements during iron meteorite crystallization by combining both theoretical and experimental aspects. I think this is an excellent opportunity for Jason and John to have a full picture of the research done on that topic. They already perform state-of-the-art molecular simulations to study crystallization here at UND. Thanks to ND EPSCoR, ND NASA EPSCoR and the Office of the Vice President for Research and Economic Development, they will gain a tremendous knowledge by carrying out experiments under the supervision of Dr. Chabot, a renowned geochemist who is currently a lead member of the instrument team on the MESSENGER Mission (NASA. Johns Hopkins University Applied Physics Laboratory / Carnegie Institution of Washington)’ said Dr. Delhommelle.