Presidential Doctoral Research Fellowship Provides Support for International Mechanical and Aerospace Engineering Student | College of Engineering

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News Release — February 3, 2022 — With support from the Presidential Doctoral Research Fellowship program, Prasenjit Dewanjee is pursuing his Ph.D. in mechanical and aerospace engineering at Utah State University.

This fellowship provides students four years of financial support including a full-tuition waiver and a $10,000 annual scholarship. Students also receive mentorship and training necessary to assist them in becoming leaders in their fields of study. Dewanjee is an international student from Bangladesh and said this support is crucial to his success as a doctoral student.

Dewanjee’s research focuses on experimental solid mechanics using a technique called digital image correlation.

“The cool thing about this technique is it allows us to measure the strain and study the mechanical characterization of these materials at high temperatures,” Dewanjee said.

Understanding how high temperatures impact materials has a wide range of applications. Dewanjee’s research is focused on applications geared towards energy, aerospace, and nuclear industries.

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Prasenjit Dewanjee is an international engineering Ph.D. student at Utah State Universities and is a presidential doctoral research fellow. (Matt Jensen/USU)

“Having the tuition and having the stipend really helped me to come to the U.S.,” he said.

Dewanjee is beginning his second semester at Utah State this spring. Prior to coming to USU, Dewanjee completed his master’s degree in Bangladesh and then worked as a power plant engineer. It was this work that led him to Utah State.