Goldwater Scholar nominee

April 5, 2017

UPDATE:

Michael Bigelow of Michigan State University received an honorable mention in the nationally competitive Barry M. Goldwater Scholarship.

Feb. 1, 2017

Mechanical engineering major Michael Bigelow nominated by MSU for national Goldwater Scholarship

A mechanical engineering major is among four undergraduate researchers nominated by Michigan State University for the nationally competitive Barry M. Goldwater Scholarship.

Michael Bigelow, an Honors College junior from White Lake, becomes the sixth Spartan Engineer nominated by MSU for this prestigious national scholarship since 2014. The scholarship provides funding for undergraduate tuition and living expenses. The 2017 winners will be announced this spring.

Bigelow is an undergraduate research assistant for the Plasmas and Nanomaterials Laboratory in the College of Engineering, where he develops procedures and experiments to deposit nanocrystals, which produces LED light in any color. He is also Spalding Scholar in the Department of Mechanical Engineering, and won first place for his research about gallium nitride at the University Undergraduate Research and Arts Forum.

He is also active in leadership roles on campus as an event facilitator for the Leadership Advancement Program and a volunteer for Habitat for Humanity. He holds various positions on the executive board of Pi Tau Sigma mechanical engineering fraternity and the MSU chapter of Triangle Fraternity.

The Goldwater Foundation seeks scholars committed to a career in science, mathematics, or engineering who display intellectual intensity and who have the potential for significant future contribution in their chosen field. MSU has produced 43 Goldwater Scholars since the scholarship program was established by Congress in 1986.
MSU’s other nominees are Honors College junior Victor Ramirez, a physics major in Lyman Briggs College; Honors College junior Abigail Shotwell, a microbiology major in Lyman Briggs College; and Honors College junior Marilyn Werner, a microbiology major in Lyman Briggs College.

College of Engineering legacy – Goldwater Scholars
In 2014, both John Suddard-Bangsund of materials science and David Zoltowski of electrical engineering were nominated and awarded the Goldwater Scholarship at MSU. Suddard-Bangsund is now a graduate student at the University of Minnesota. Zoltowski is a graduate student at Cambridge University in the United Kingdom.

In 2015, Rebecca Carlson and biosystems engineering major Christine Isaquirre both were nominated. Carlson was later named a Goldwater Scholar and is a senior at MSU in chemical engineering and Chinese. She is currently a finalist for a Hertz Foundation fellowship for doctoral research in the sciences.

In 2016, Laura Azouz became the fifth Spartan Engineer to be nominated by MSU for the national scholarship since 2014.

In 2017, Bigelow joined the list as the sixth member of the College of Engineering nominated by MSU for the prestigious national scholarship since 2014. In April, he received an honorable mention for the nationally competitive scholarship.

Related Website: Story courtesy of MSUToday. MSU Honors College Goldwater Scholars announcement Communications contact: Patricia Mroczek

Source URL: http://www.egr.msu.edu/news/2017/02/01/goldwater-scholar-nominee