

VALPARAISO UNIVERSITY
ENGINEERING

College of Engineering
Valparaiso University
1900 Chapel Drive
Valparaiso, IN 46383

March 23, 2015

President of the United States
The White House
1600 Pennsylvania Avenue NW
Washington, DC 20500

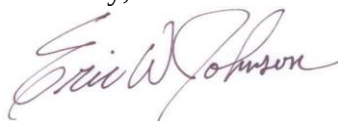
Dear Mr. President,

On behalf of the faculty and staff in the College of Engineering at Valparaiso University, I am excited to join other engineering schools in educating and inspiring students to help solve society's grand challenges. The mission of the College of Engineering at Valparaiso University is to develop servant leaders that will make a lasting impact in the world. We already have a number of successful active initiatives that focus on creating entrepreneurship and innovation experiences, developing global and cross-cultural competencies, and fostering social consciousness through service-learning activities. Some of these include:

- *Valparaiso International Engineering Program (VIEP)* – Students in this five-year program earn a degree in an engineering discipline and a second major or minor in a foreign language (Spanish, French, German or Chinese). The students also spend a year abroad both studying and working for an engineering company.
- *Engineers without Borders (EWB)* – Valpo's EWB Student Chapter is currently on their third project (water distribution for a village in Nicaragua). Our chapter is unique in that we have students from across campus that participate. Students refer to the chapter as "Everyone without Borders" because of this broad participation.
- *Entrepreneur Success Center (ESC)* – The ESC began this semester in cooperation with the Valparaiso University's College of Business. The purpose of the center is to provide local and regional start-up companies with services that will help them be successful. These services, done by our students, could include the development of business or marketing plans or the creation of a proof-in-concept prototype.
- *Undergraduate Research in Solar-Thermal Electrochemistry* – Using one of only five solar furnaces in the U.S., our faculty and undergraduate students investigate ways to use concentrated sunlight to create solar fuels or commodities such as magnesium.

We will also look to develop new initiatives within our college and with other engineering schools that will transform the way we educate engineers and prepare them to solve the world's challenges.

Sincerely,



Eric W. Johnson
Dean, College of Engineering