



SCHOOL OF MECHANICAL ENGINEERING
WELDON SCHOOL OF BIOMEDICAL ENGINEERING
DEPARTMENT OF BASIC MEDICAL SCIENCES

25 January 2018

Dear Selection Committee,

I am proud to offer my support of the proposal developed by Cameron Mosley and Zubin Kane, entitled *A Proposal for a Heads-Up Display for Use in Firefighting Applications*. I am a professor in Mechanical Engineering, the Weldon School of Biomedical Engineering, and the Department of Basic Medical Sciences here at Purdue as well as the director of the Engineering Honors Program – of which Cameron and Zubin are participants. Cameron and Zubin are outstanding students and, in the First Year Honors Engineering Design class they are learning how to integrate physics, design, and computing. The foundation of the class is the Raspberry Pi which they use for in-class experiments, design challenges, and a variety of projects outside the classroom. They are also learning how to make data-driven decisions using a variety of statistical methods that most of our seniors do not get exposed to.

In addition to stating my confidence in their abilities, my office will provide resources and laboratory space so that they will be able to complete their project. They will have access to computers, modeling software, 3D printers, manufacturing space, microcontrollers with the associated electronics and displays, and access to the Purdue firefighters. We have completed several projects with them and they have always been supportive partners of our engineering students. Please do not hesitate to contact me if you have questions or concerns.

Sincerely,

A handwritten signature in black ink that reads "Eric A. Nauman". The signature is fluid and cursive, with a long horizontal stroke at the end.

Eric A. Nauman