

Eric Davis
University of Portland
2006 Winner



Eric graduated from the University of Portland in 2007 with a major in biochemistry and a minor in biology, where he worked under Dr. Angela Hoffman on the extraction of taxanes from Pacific Yew trees. During his time at the University of Portland, he was a member of the Delta Epsilon Sigma Honor Society, and received the William and Lavina Wilson award in chemistry and the Rev. James G. Anderson award. After graduation, he attended graduate school at Washington State University under Herbert Hill, receiving his Ph.D. in 2012. While at Washington State University he was awarded the Stacey Research Scholarship and the Donald S. Matteson Graduate Fellowship. His research specializes in instrumental design, especially within the technology of Ion Mobility Spectrometry.

After graduating from Washington State University, Eric began his career in academia with Fresno Pacific University as an Assistant Professor beginning in 2012. During his time at FPU, he led a research program that resulted in several students attending graduate school themselves, and began research within the field of Chemical Education, where he was initially published for his work with an environmental chemistry course utilizing EPA methods to investigate pesticide drift from agriculture.

In 2015, Eric transferred to Azusa Pacific University in Southern California, where he currently resides. In 2018 he was promoted to Associate Professor with APU. While at APU, Eric has furthered his research within chemical education and IMS, resulting in several publications and funding through the National Science Foundation. He works in close collaboration with Dr. Brian Clowers (Washington State University) to further primarily undergraduate intuitions outreach into R-1 research and educational experiences for his students. Recently, Eric has begun

applying open-source hardware and software (Arduino) to educational and research applications, as well as 3D printing technologies.

Outside of work, Eric enjoys spending time with his family, which includes four children (Micah, Riley, Elliot, and Keziah), and his wife Molly. As a family, we enjoy hiking, biking, camping, and games.

