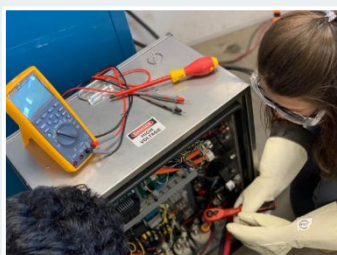
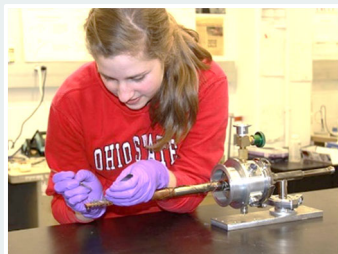


Special Keynote Presentation: Overview of Research in the College of Engineering



In this talk, Professor Palmer will give an overview of research activities in the College of Engineering. He will discuss research activities at the center/institute level and at the individual principal investigator level.



Professor Palmer is the Associate Dean for Research in the College of Engineering, Fenburr Ohio Eminent Scholar in Nanotechnology, and Professor of Chemical and Biomolecular Engineering at The Ohio State University. Palmer's research interests encompass the development of novel hemoglobin-based oxygen carriers for a variety of applications in transfusion medicine as red blood cell substitutes and tissue engineering as oxygen-carrying perfusates. His lab is also developing scavengers of hemoglobin, heme and iron, non heme-based plasma substitutes, and monocyte/macrophage targeted drug delivery systems. He is author of more than 160 peer reviewed publications. Among others, he received the 2021 Lumley Interdisciplinary Research Award from The Ohio State University College of Engineering, and the 2021 Gaden Award from the journal *Biotechnology & Bioengineering* (Wiley) in recognition of a "truly outstanding paper". Prof. Palmer currently serves on the International Scientific Advisory Committee on Blood Substitutes, and is a member of the Bioengineering, Technology, and Surgical Sciences Study Section at the National Institutes of Health. He served as chair of the William G. Lowrie Department of Chemical and Biomolecular Engineering at OSU from 2014-2019. In 2015, he was inducted into the College of Fellows of the American Institute for Medical and Biological Engineering. Palmer's research is supported by grants from the National Institutes of Health and the Department of Defense.

Hosted by Prof. Marcelo Dapino

Thursday, September 29
12:00pm – 1:00pm
E100 Scott Laboratory

