

Announcements: The NCBW is pleased to announce it has received two new funded grants from the National Science Foundation:

NSF ATE DUE # 2000764 Using High-Resolution Mass Spectrometry to Develop Advanced Laboratory Skills in Collaboration with Industry

PI: Jason Gagliano, MSE, PhD

High-resolution mass spectroscopy (HRMS) is used extensively in our region and beyond, and employers have an increasing need for workers with hands-on training in this technology. Hence, the analytical lab is purchasing an HRMS instrument with the objectives of instigating professional collaboration among industry partners while providing students with the core laboratory and advanced technical skills needed to be highly qualified bioscience technicians. Students will work with bioscience companies and university research labs to increase their first-hand awareness and understanding of the knowledge and skills needed for success within this industry, thereby enhancing their qualifications.

NSF ATE DUE # 203462 Skills for Biomedical Emerging Technology Applications(BETA Skills)

PI: Russ H. Read

This is a supplement to a previously awarded NSF ATE grant looking at biomedical emerging technology applications skill sets we call BETA Skills. This supplement allows us to look at the subject of cyberbiosecurity with respect to professional development for instructors. It will also develop curriculum based on medical device manufacturer's requirements for cyber security in good manufacturing practices and update the current skill standards to incorporate cyberbio requirements.

August 14, 2020