

1106-VW-2454 **Yu-Ju Kuo*** (yjkuo@iup.edu) and **Rick Adkins**. *Scholarships-Creating Opportunities for Applying Mathematics– DUE 0966206 Project Outcomes Report (2010-2014)*.

The Scholarships Creating Opportunities for Applying Mathematics (S-COAM) project at Indiana University of Pennsylvania, while increasing the number of students pursuing mathematics degrees, is unique in its goal of establishing a supportive connection of Master's students with undergraduates through scholarship cohort activities. Over a period of four years, need-based scholarships supported 23 graduate students from the M.S. in Applied Mathematics and 45 undergraduate students seeking a major in a mathematical area or a mathematics minor with another science-related major from biology, chemistry, computer science, geoscience, natural science, or physics. Through this project more students took advanced mathematics courses, enhancing their preparation for the workforce and further studies. In this presentation, we will share best practices and activities engaging and retaining a diverse group of students, outcomes from our program, as well as identify effective strategies based on the literature research and the program assessments. (Received September 16, 2014)