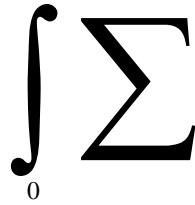


8 Weeks



{ Top Notch Research Experience
 Intensive Nanofabrication Training
 Workshops and Research Presentation } dtime = SCENE(Penn State Site)

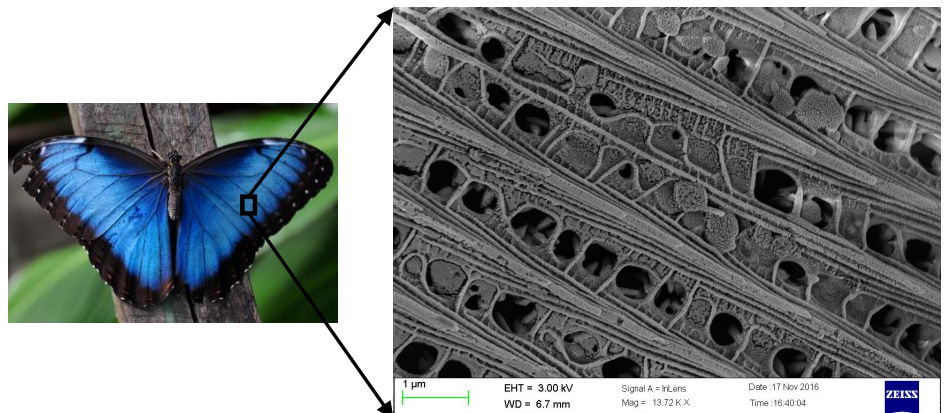
Get a competitive edge to enhance your graduate application!

The Summer Research Opportunities Program (SROP) is the gateway to graduate education at Big Ten Academic Alliance universities. Enhance your academic and research skills by working one-on-one with a faculty mentor from top ranked research institutions. Gain experience as an undergraduate student to put you at an advantage as a graduate applicant, at the same time you will earn money and have all expenses paid during this full-time summer research opportunity. It is the competitive edge that you will need to rank above the best of the best. South-eastern Coalition Engagement in Nanotechnology Education (SCENE) is a NSF Louis Stokes Regional Center of Excellence in Broadening Participation. Penn State's SCENE is committed to work together with SROP to create an intensive nanotechnology training this summer for the selected students, which will entail courses and hands-on experiences on nanofabrication and characterization. The nanotechnology training will provide unique skills for your resume and you will learn many different ways to create nano-scale devices in an era where the leading engineering research groups are relentlessly looking for nano-literate graduate students. If you are interested in conducting research, improving your academic skills, engaging with a cohort of undergraduate researchers, and enhancing your graduate application, do not miss this chance to put your summer to good use! Talented undergraduates are awarded the opportunity to study and research at premier academic institutions.

- In total 8 weeks, **Start Date:** June 3rd **End Date:** July 26th
- Enhance your resume with cutting edge nanotechnology training
- All-expenses paid plus stipend
- Housing and transportation included
- Top faculty-mentored research experience
- Enrichment workshops and opportunities
- Participation in academic research conference

To apply: complete the application form (<https://goo.gl/forms/y57aBVWwBXNG9WBI1>) before **April 1st** and email the following listed documents to dsb24@psu.edu:

1. Research statement (more directions on the application form webpage)
2. Copy of transcript or other overview of academic record (grade information must be included)
3. Two (2) recommendation letters (you can have your reference letters directly sent to dsb24@psu.edu on your behalf, too)



Field Emission Scanning Electron Microscope Image of a Blue Morpho Butterfly