SCAMP Newsletter

Spring 2017

SCAMP Community Outreach

Each semester SCAMP students participate in several community outreach projects that help improve and give back to Charleston’s community. In the spring semester SCAMP students volunteered for the annual Cooper River Bridge Run, Charleston’s STEM Festival, Lady Cougar STEM Day, Feeding Homeless in North Charleston, Accepted Student Weekend and at the MUSC Urban Garden.

Research Boot Camp

SCAMP students are encouraged to participate in undergraduate research, and a key aspect of obtaining those opportunities is having a competitive application. Thus, the STEM/SCAMP Research Boot camp program was organized on Saturday, January 28th, to enable students to craft effective personal statements, resumes and CV.

Workshop Session I “Effective Personal Statements for Internships and Fellowships” was presented by Dr. A. Vander Zee and Dr. E. Meyer-Bernstein. Workshop Session II “Resume/CV Design” was presented by Jim Allison.
National Conference on Undergraduate Research, Memphis, TN

Each year young scholars assemble at the National Conference on Undergraduate Research (NCUR) to present cutting edge research to an informed science community. This gathering welcomes presenters from institutions across America from all fields of academia. NCUR provides a unique environment for the celebration of undergraduate student achievement, presents models of exemplary research and scholarship, and culminates to enhance undergraduate education. College of Charleston LS-SCAMP and Student Science Society had nine student abstracts selected for poster presentations at NCUR held at the University of Memphis this past April. Chosen from more than 4,000 nation-wide submissions, Quinten Meadors, Echo Buffalo, Needhee Patel, Lea Russell, Wendell Roberson, Alyssa Johnson, Sondrica Goines and Bravada Hill all had the opportunity to present their research and interact with students, faculty, and staff from across the nation.

School of Science and Mathematics Poster Session

The School of Science and Mathematics hosts a poster session in the Spring Semester of each year that allows students to present research they have conducted. At the 29th Annual SSM Poster Session many SCAMPers were able to present research that they had the opportunity to work on during the previous Summer and/or academic year. The event was held on Thursday April 20, 2017 on all three floors of the School of Science and Mathematics Building. Awards were given to the best poster in subjects including: biology, chemistry, biochemistry, physics and astronomy. SCAMPers Sondrica Goines, Alyssa Johnson, Needhee Patel, James Solomon, Wendell Roberson, Bravada Hill, Quinten Meadors, Kassidy Sullivan, Hassam Solano-Morel, Jessica Mack, Jabbairius Ervin and Datayshia Washington all presented research at the SSM Poster Session.
Speakers

At each SCAMP meeting, there is a local speaker, either from around the Charleston area or from the College, who present their research. Speakers expose the students to the research opportunities around them. This Spring 2017, we have had the following guest speakers:

Jim Allison  M.S., N. C. C.
Executive Director of the Career Center
Jim Allison went over the many resources the Career Center has for students and briefly discussed cover letters, resumes, and thank you notes.

Dr. Xenia Mountrouidou
Assistant Professor, Department of Computer Science, CoC
Head of Cyber-security Research Lab
Research Interests: Computer network security, intrusion detection systems, and security for the Internet of things.

Dr. Chris Fragile
Department of Physics and Astronomy
Research Interests: Computational astrophysics, numerical simulation of hydrodynamics and magneto hydrodynamics.

Dr. Michael Giuliano
Assistant Professor, Department of Chemistry and Biochemistry
Research Interests: Neuropeptide structure and organic reaction development.

Dr. Andrew Clark
Associate Professor, Department of Biology
Research Interests: mechanics of biological materials, musculoskeletal systems, and prey capture behaviors, and more broadly, how these topics relate to animal ecology and evolution and how they could potentially benefit humans.

Bake Sale

SCAMP held a Bake Sale on Friday April 14, 2017 on the corner of King and Warren Street from 10:00 PM to 12:00 AM. The Bake Sale offered many baked goods for the surrounding community to partake in, most of them costing as little as a dollar to enjoy. It was also a great bonding experience for the members and a lot of fun! The event was a huge success and we raised money that we can use at meetings or other events.