

Future educators enriched through Noyce Math & Science Scholarship Program

April 2 2018 9:42 AM



EDWARDSVILLE - Thirteen aspiring math and science educators are 2018 Noyce Scholars at Southern Illinois University Edwardsville. The undergraduates are participating in the Noyce Math and Science Scholarship Program's enhanced curriculum and engaging in professional learning communities.

“Noyce scholars are empowered to be leaders in their field, influencing, facilitating and inspiring the next generation of scientists, mathematicians, educators and critical thinkers,” said Jessica Krim, EdD, associate professor in the Department of Teaching and Learning, and Noyce Science Scholarship program director.

The teacher candidates include math scholars Tiffani Butler, of Pekin, Nathaniel DeRousse, of Red Bud, Danielle Fogle, of Aurora, Kenzie Jenkins, of Elizabethtown, and Emily Peters, of Mount Carmel.

The science scholars include Katie Ayres, of Edwardsville, Breanna Blackwell, of New Berlin, Marie Gipson, of Creal Springs, Hannah Jackson, of Ferguson, Mo., Amanda Parga, of Greenvew, Jenna Sanders, of Peoria, Ben Scamihorn, of Marshall, and Rachel Towne, of Ottawa.

The SIUE Robert Noyce Scholarship Program was created with two grants totaling \$2.2 million from the National Science Foundation. Scholars receive \$11,500 for educational expenses annually for up to two years, along with additional support through mentoring by expert teachers, travel to professional conferences and other resources.

“Being a Noyce Scholar has connected me with teachers in the Edwardsville and Carbondale areas, as well as professors of math, science and education,” said Peters, a junior in the secondary teacher education program. “I’ve had the opportunity to be in the classroom early in my education, which has provided extra experiences compared to my peers. I have also been able to reinforce my mathematical background through tutoring and outreach activities.”

The program is a partnership of the SIUE College of Arts and Sciences, the School of Education, Health and Human Behavior, and the SIUE STEM Center, along with master teachers, community-based organizations, and cooperating school districts. Its goals include:

- Recruiting highly qualified STEM students who demonstrate an aptitude for teaching mathematics and science
- Providing the students with an enhanced experience in STEM education and research
- Supplying high-needs middle and high schools with exemplary science educators
- Increasing outreach in southwestern Illinois communities
- Disseminating project findings for use in other STEM education settings

For more information on the SIUE Noyce Scholarship and Internship Program, visit SIUENoyce.org.

Central to SIUE's exceptional and comprehensive education, the [College of Arts and Sciences](#) has 19 departments and 85 areas of study. More than 300 full-time faculty /instructors deliver classes to more than 8,000 undergraduate and graduate students. Faculty help students explore diverse ideas and experiences, while learning to think and live as fulfilled, productive members of the global community. Study abroad, service-learning, internships, and other experiential learning opportunities better prepare SIUE students not only to succeed in our region's workplaces, but also to become valuable leaders who make important contributions to our communities.

The [SIUE School of Education, Health and Human Behavior](#) prepares students in a wide range of fields including public health, exercise science, nutrition, instructional technology, psychology, speech-language pathology and audiology, educational administration, and teaching. Faculty members engage in leading-edge research, which enhances teaching and enriches the educational experience. The School supports the community through on-campus clinics, outreach to children and families, and a focused commitment to enhancing individual lives across the region.

The Southern Illinois University Edwardsville [Center for STEM Research, Education and Outreach](#) comprises an independent group of researchers and educators, innovating ways to engage students and the public in science, technology, engineering and math (STEM). Within the SIUE Graduate School, the Center brings together research faculty, graduate students and practitioners to conduct education research. The Center contributes educational expertise to SIUE undergraduate classes and provides professional development for K-12 teachers. The Center boasts a significant library of equipment and resources, which are available for loan at no cost to campus and regional instructors. For more information, visit <https://www.siue.edu/stem/about.shtml> or contact STEM Center Director Sharon Locke at [\(618\) 650-3065](tel:6186503065) or stemcenter@siue.edu.