The Success in Graduate Education (SiGuE) program is a six-month internship designed to enhance the research, laboratory and professional skills of historically underrepresented groups in the basic sciences. SiGuE provides an opportunity to enhance the research experience of post-baccalaureate students while reinforcing academic training through individualized student development plans and mentoring by program faculty.
ABOUT THE PROGRAM

Funded by the National Sciences Foundation, the SiGuE program seeks to identify outstanding students interested in pursuing graduate education. The program provides a six-month internship to enhance the research, laboratory and professional skills needed to succeed in a competitive science PhD program. Applicants will work with Dr. Erich Grotewold, Professor and Director of the Center for Applied Plant Sciences, or Dr. Andrea Doseff, Associate Professor in the Department of Physiology and Cell Biology and the Department of Molecular Genetics, in areas of research with worldwide significance at The Ohio State University.

AREAS OF RESEARCH

Applicants interested in the following areas of research are encouraged to apply.

- Plant Genomics
- Biofuels
- Bioenergy
- Plants for Health

PROGRAM BENEFITS

Laboratory Research Experience:

- Perform cutting-edge research
- Develop technical skills in the area of cellular biology and genomics
- Journal clubs
- Weekly lab meetings

Professional Development:

- Hone data analysis and communication skills
- Incorporate bioinformatic tools in research
- Cultivate presentation skills
- Participate in programming provided by the Office of Diversity Inclusion

Additional Benefits:

- Monthly stipend
- Access to OSU libraries (OSU Library)
- Access to OSU sport facilities (R-PAC)

GET IN TOUCH

Dr. Andrea Doseff
Associate Professor
doseff.1@osu.edu

From the SiGuE Program Community

“The biggest strength of SiGuE is that it really provides the student a full experience on what research really is. From critical analysis, experiment set up and how to properly communicate your findings — not only with lab members but also with the scientific community — are very important aspects of this program.”
—Jasmin Valentin Morales, SiGuE fellow

“SiGuE throws you into the fire. You’re working on a project early on and are getting hands-on experience in the field you want to study. It’s one thing to learn about it in school, but it’s completely different when you’re actually applying it in order to complete a project.”
—Edgar Lopez, SiGuE fellow

“This program has made me realize that research is what I want as a career. The lab environment helps in pushing me to reach my true potential. With SiGuE, I am definitely confident that I will finish the program with a great amount of knowledge in research areas like molecular genetics, a handful of very important molecular techniques and most importantly more developed critical thinking skills.”
—Roberto M. Alers Velazquez, SiGuE fellow

apply online today go.osu.edu/sigue