Fostering Diversity and Inclusion in STEM
Two of the oldest, most established diversity programs housed in the College of Engineering, Computing and Applied Sciences are:

**WISE: WOMEN IN SCIENCE AND ENGINEERING**
Research shows that hands-on experiences and mentoring programs actually change the messages that girls receive in the fields of math, science and engineering. For more than a decade, Clemson’s award-winning WISE program has been sending the right message, educating and preparing women to pursue and secure successful careers in STEM fields through outreach, recruitment and college support.

**PEER: PROGRAMS FOR EDUCATIONAL ENRICHMENT AND RETENTION**
For underrepresented students in science and engineering undergraduate programs, PEER is designed to make college collaborative. In other words, relax! You don’t have to do this alone.

“Diversity programs through Clemson University’s College of Engineering, Computing and Applied Sciences do more than recruit and retain women and minorities to our school. These opportunities instill confidence and prepare students for successful careers post-graduation. Beyond that, our K-12 program has created a pipeline for some of our youngest scientists and engineers, giving students of all ages the opportunity to pursue their academic interests. We help young learners realize that math, science and engineering are for everyone! From mentoring and networking, to test banks, tutoring and camps, our diversity programs offer a wide array of resources and information. So, get involved, make new friends and prepare to start on your journey toward success today.”

— Serita Acker, director of PEER and WISE
PEER and WISE Mentoring Programs
All incoming freshmen who are majoring in STEM are paired with upper-class mentors. Mentors are known for giving support, advice and assistance about everything from classes to adjusting to life as a college student.

PEER and WISE Proactive Mentoring is designed to help students transition into Clemson by
- providing a friend who will offer advice and support,
- answering questions about life at Clemson,
- organizing study groups and social activities and
- making sure you know what’s going on at Clemson.

WISER Living-Learning Community
The Women in Science and Engineering Residence (WISER) is a living-learning community unique to Clemson. Beginning in their sophomore year, engineering and science students who live in WISER are offered networking opportunities and introduced to professional development and undergraduate research.

Seminars and Social Events
From interesting speakers to celebrations, PEER and WISE brings you a host of opportunities to enrich your Clemson experience. And we value your input, so let us know what you’ve got in mind!

Scholarships
Private and corporate gifts fund scholarships for students who participate in Clemson’s Women in Science and Engineering program and the Program for Educational Enrichment and Retention program. GPA and other requirements may apply.

Other Opportunities
- Professional development workshops
- Networking
- Academic study sessions
- Academic coaching
- Personal counseling
- Fluor Study Hall
- Undergraduate research
- PEER and WISE Lounge
- Intramural teams
- Test banks
- Electronic newsletters

Fluor Engineering and Science Study Hall
PEER and WISE free tutoring services are provided to all students pursuing STEM majors, thanks to the generosity of Fluor Daniel. The study hall is staffed four nights a week, 7-10 p.m. Sunday-Thursday, with tutors who can assist with most undergraduate coursework. On nights prior to exams for courses such as general chemistry, physics and math, the number of tutors is increased to ensure that every student is prepared.

College is an amazing time, and our programs for underrepresented students in the College of Engineering, Computing and Applied Sciences (CECAS) make it even better, nurturing academic and professional success while fostering life-building personal connections. Our diversity programs are designed to enrich the student experience at Clemson by helping students develop the skills they’ll need to be excellent engineering and science majors.

A PLACE TO BELONG
Effective study skills, time-management techniques and insights from current, successful CECAS majors are all available, but these offerings go far beyond academics. Along the way, they provide opportunities to make lifelong friends. So come in. Sit awhile. Laugh, study, socialize, share. Find your fit — with STEM opportunities with PEER and WISE and diversity programs at Clemson.

ACADEMIC ENRICHMENT
Once students are at Clemson, they find the support needed to help them thrive inside and outside of the classroom.

Women represent only 24 percent of the STEM workforce, but they earn, on average, 33 percent more when they work in these high-growth fields.
— U.S. Department of Commerce
OUTREACH

Introduce a Girl to Engineering and Science Day
Grades K-8 (sponsored by Lockheed Martin since 2000)
Held in collaboration with the Girl Scouts of South Carolina — Mountains to Midlands Inc., this program takes place during Engineers Week in February each year. Girl Scouts are invited to Clemson University to learn about opportunities in the fields of engineering, science and math.

Project: WISE
Grades 7 and 8 (sponsored by Duke Energy since 1995)
Rising seventh- and eighth-grade girls participate in this one-week camp, where noncredit mini-courses in engineering and science are taught by Clemson professors. Students have the opportunity to experience collaborative and hands-on learning through practical applications of math and science.

Math, Science and Engineering: It’s a Girl Thing
Grades 6-8
This program is available to schools by special request. A presentation by the WISE director and (when available) a student who is currently majoring in a STEM discipline introduces science, technology, engineering and math careers to middle school girls in a safe and encouraging environment.

I cannot overemphasize the impact that WISE has had on my academic, social, and professional life. My WISE Big Sister remains my mentor and best friend who has guided me through every major life event in the last seven years – from changing majors and applying for internships, to moving across the country for graduate school and interviewing for my first real job. WISE inspired me to become involved with the Society of Women Engineers — a role that I value in my professional career.

– Heather Sprague, Water Resources Engineering Specialist, San Francisco

Clemson’s graduation rate of African-American engineering majors is consistently among the top 20 in the nation.

The statistics and rankings can prove it, but nothing other than the experience can fully explain the incredible effect of these diversity programs at Clemson University and their impact on the development of minority engineers and scientists. There’s not another program that focuses on your personal success like PEER. You’re not just a number here — you’re family.

– Freddy Paige, professor of civil engineering, Virginia Tech

RECRUITMENT

WISE Choice
Grades 11 and 12
High school women from across South Carolina come to Clemson University for a day of career exploration in engineering and science. Opportunities to speak with admissions and financial aid officials are made available, along with presentations from groups such as the Society of Women Engineers.

PEER Snapshot
Grades 11 and 12
Under-represented high schoolers from across South Carolina come to Clemson University for a day of career exploration in engineering and science. Opportunities to speak with admissions and financial aid officials are made available, along with presentations from other University groups.

PEER/WISE Summer Experiences
In the program students will learn the difference between high school and the more demanding, academically intensive college experience through: receiving instruction in chemistry, physics, mathematics and engineering from University faculty and graduate students; attending seminars about research, study skills, time management and career and professional development; and learning more about your Clemson family.

SEE Clemson
This event is an opportunity for accepted students to see what it’s really like to be an engineering or science major at Clemson. You’ll attend University classes to preview your STEM educational path as well as discover the ins and outs of campus life.
SEE SOMETHING YOU LIKE?

Online registration forms and additional information are available on our website at clemson.edu/cecas/departments/peer-wise.

Or, connect with us on Facebook: facebook.com/pages/PEER-and-WISE-atClemson/137578448932

Serita Acker, M.H.R.D., Director
wserita@clemson.edu
864-656-0976

Lisa Jackson, PEER Coordinator
ljacks6@clemson.edu
864-656-6109

Nancy Parra, WISE Coordinator
nparra@clemson.edu
864-656-1089

158 Freeman Hall
Box 340939
Clemson, SC 29634-0939

864-656-0976 (phone)
864-656-1397 (fax)