

January Update

Lowcountry Society of Women Engineers



Happy New Years from the Lowcountry SWE Team!

Apply for a SWE Scholarship!

Deadline: Feb 15

In 2021, SWE awarded 260 new and renewed scholarships valued at more than \$1,180,000. SWE Scholarships support those who identify as a female/woman and are pursuing an associate, bachelor, or graduate degree in engineering, engineering tech, and computer

science in the US and internationally.



Students complete one additional application and are considered for all scholarships for which they are eligible. The application process is entirely online including submission of recommendation letters and transcripts.

If you will be a sophomore through Ph.D candidate in the 2022-23 academic year, apply online for a SWE Scholarship [here!](#)

If you will be an incoming freshman in the upcoming fall semester, apply March 1 through May 2, 2022.

Coming Up Soon: February 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10 Neil deGrasse Tyson	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27 Introduce a Girl to Eng	28					

December 2021
12/30/2021

Inside this issue:

<i>Professional Development</i>	2
<i>Membership</i>	2
<i>Upcoming SWE Lowcountry Events</i>	2
<i>Partner Organizations</i>	3
<i>Careers and Opportunities</i>	3
<i>Volunteer Opportunities</i>	3
<i>Future Events</i>	4

Future Events

- Neil deGrasse Tyson: An Astrophysicist goes to the Movies—Feb 10
- Introduce a Girl to Engineering Day—Feb 27
- ITEEA 2022 Conference—March 9-12
- 2022 International Women in Aviation Conference—March 17-19
- STEM Fest 2022—April 23
- 2022 ECSITE Conference—June 2-4
- “Planet, People, Prosperity” STEM Learning Ecosystems Community of Practice Convening—June 20-22



Professional Development

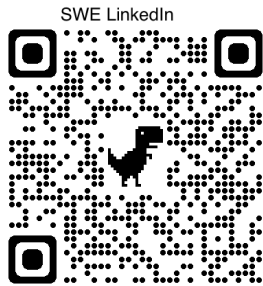
Are you interested in being a speaker or know someone who would be a great speaker for one of our Professional Development events?

Fill out the form below to let us know about your interests or to be added to our speaker database.

If you have any questions regarding SWE-Lowcountry professional development (PD), please contact us at professionaldevelopment@swelowcountry.org.

[Professional Development Interest Form](#)

Membership



Use the QR code to the right to join our new LinkedIn group or click [here](#).

SWE Memberships now prorated at the Half Year Price! Renew now to be active

through June 30, 2022. Renewing members should enter FY22HALFOFF on the check-out page to receive the discount and the offer is automatically applied for new members. Act fast to

take advantage of this offer as it expires on March 30th!

Upcoming SWE Lowcountry Events

Introduce a Girl to Engineering Day February 27 2-5pm

SWE Lowcountry will be supporting the Citadel's SWE chapter with the Introduce a Girl to Engineering Day. We are asking for volunteers to help assist girls learn more about engineering or for

donations to the girls swag bags. Please contact gsout-reach@swelowcountry.org for more information

STEM Fest April 23

The Charleston STEM Festival is scheduled! We are seeking volunteers to help staff our SWE Low-

country exhibitor booth. Email k12out-reach@swelowcountry.com for more information!

Partner Organizations

CEJC

The CEJC Council is now accepting nominations/applications for our Engineer of the Year (EOY) and Technical Project Team of the Year (TPTOY) Awards. Please see attached for the applications or check out the link below to learn more on our website. You are encouraged to nominate a deserving engineer from your Society.

[EOY](#) [TPTOY](#)

FIRST SC - Call for volunteers/mentors:

Also FIRSTSC, a robotics organization promoting STEM to SC Youth has a call for volunteers/mentors for this academic year's Robotics events. More Information [Here](#).

CHSWIT

CALLING ALL CYBER, NETWORKING & CS PROFESSIONALS! Opportunity to teach at Cooper River Center for

Advanced Studies. Brand new million(s) dollar state of the art tech campus in Park Circle. Contact nina@chswomenintech.org for more information!

Women In Industry Day

Join fellow industry professionals for a day of development. This years conference will be held on April 22 at the Trident Technical College main campus. The conference is designed to connect professional women from industries across the Lowcountry and aims to help participants Engage and Empower each other in their personal and professional lives. Registration is now open! More info [here](#) and register [here](#)!



CHARLESTON
WOMEN
IN TECH

Careers and Opportunities

Systems Engineering Graduate Certificate from Clemson

The interdisciplinary graduate certificate in Systems Engineering is designed to equip professionals in a variety of professional settings and industries to use systems thinking and engineering theories to solve complex problems. After the completion of the graduate certificate, stu-

dents are eligible for application and admittance to the Master of Engineering: Systems Engineering program. Certificate courses can be completed in-person on Clemson's main campus or at the Zucker Family Institute in Charleston, SC. Additionally, students may elect to complete courses 100% online to accommodate their schedules or geographic location.

Scholarship from South Carolina Federal Credit

The New Year ushers in an exciting time of goal setting and planning. If you or someone you know has a goal of continuing their undergraduate education in 2022, South Carolina Federal Credit Union could help. Learn more [here](#)!



Volunteer Opportunities

Want to connect with K12 students and inspire the next generation of engineers? Maybe you're excited to help other people develop and achieve their full potential? Does landing a client or donor get you excited?

We have several roles and

positions open for volunteers to make this organization shine. After all, we can't do it without you.

- **Secretary**
 - **K-12/Girl Scout Outreach Chair**
 - **Professional Development II**
- [Apply here!](#)

Heart Math Tutoring

Looking for tutors to expand math support to Charleston students! This program already exists in Charlotte and is being expanded to Ladson Elementary School. Sign up [here](#)!



**Aspire.
Advance.
Achieve.**

Lowcountry SWE

We're looking forward to serving you in FY22. If you have any suggestions for events, please send us an email! You can find all of our contact information here:

<http://www.swelowcountry.org/contact-us.html>

SWELOWCOUNTRY.ORG



Our mission is to stimulate women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity.

Our objectives include :

- *Inform young women, their parents, counselors, and the public in general of the qualifications and achievements of women engineers*
- *Assist women engineers in readying themselves for a return to active work after temporary retirement*
- *Serve as a center of information for women in engineering*
- *Encourage women engineers to attain high levels of educational and professional achievement*



Our members had a great time at our All Weather Get Together! Join us for our next social event!

Future Events



Neil deGrasse Tyson: An Astrophysicist Goes to the Movies **February 10, 2022**

Neil deGrasse Tyson brings his live show to Charleston for one night only! An entertaining and enlightening review of all the science that our favorite movies got wrong, combined with some of the stuff they got right. Incorporates the latest films as well as some classics that you may not have known had any science in them at all. 10% discount available to groups of 10 or more. Contact the Ticket Office at ticketing@gaillardcenter.org

ITEEA 2022 Conference **March 9-12, 2022** **Orlando, Florida + Virtual Option**

The 2022 theme is Standards

for Technological and Engineering Literacy: The Role of Technology and Engineering in STEM Education—Keys to Success! The focus will be on the roadmap that Standards for Technological and Engineering Literacy (STEL) provides for all educators and will highlight the importance of the three standards, practices, and contexts with connections and learning opportunities for all STEM learners. Conference includes a virtual option. Early bird rate ends December 1, 2021. [Learn more.](#)

2022 International Women in Aviation Conference **March 17-19, 2022** **Nashville, Tennessee**

Conference will include professional development seminars,

education sessions, exhibit hall, scholarship awards, and 2022 Pioneer Hall of Fame inductions. [Learn More](#)

2022 ECSITE Conference **June 2-4 2022** **Heilbronn, Germany**

The European science engagement conference is open to all professionals who engage audiences with science and technology. The conference will take place at Experimental, Germany's largest and most innovated science center. This professional development opportunity offers an intense mix of intellectual stimulation, purposeful and creative sessions, business opportunities, and unparalleled networking. Registration opens in early 2022. [Learn More](#)