

# 100 YEARS OF MOMENTUM

**phys  
con**  
2022 Physics Congress

OCTOBER 6-8, 2022  
WASHINGTON, D.C.

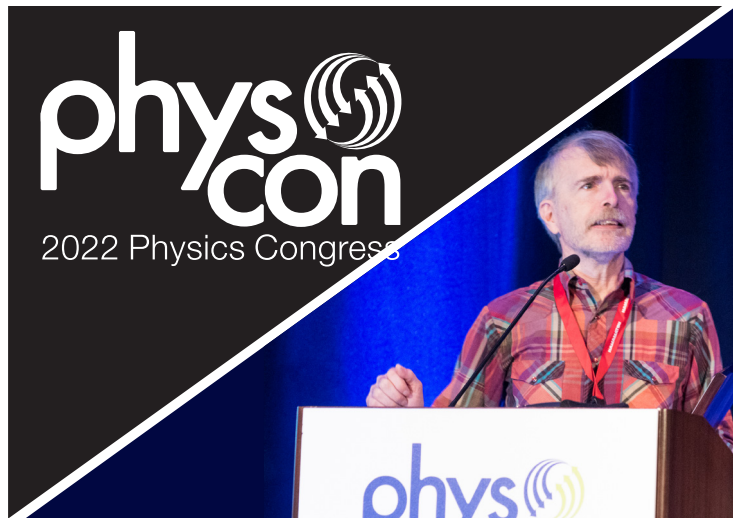
*Supporting Students,  
Creating Impact*



[sigmapisigma.org/congress/2022](https://sigmapisigma.org/congress/2022)

**AIP**  
American Institute  
of Physics





Attending a Physics Congress has a profound impact on the experiences of college students studying physics and astronomy. Students present original research, attend workshops, connect with preeminent scholars and practitioners, and conduct site visits to national labs. With over 1200 attendees expected in 2022, the Physics Congress is not only the largest gathering of undergraduates studying physics and astronomy in the world – it is the premiere event where they are the focal point.

**Enclosed are highlights from the 2019 Physics Congress. With your help, we can create even more impact through the Centennial Congress in 2022.**





# 2019 Overall Impact

# 45

Full Travel Awards  
to Students from  
Underrepresented  
Communities

Sigma Pi Sigma is a vibrant, inclusive community. It is essential to our mission that all students, especially those from traditionally underrepresented communities in physics, have access to the Physics Congress.

Through a grant from the National Science Foundation to the American Institute of Physics and the American Physical Society, **45 full travel awards** (registration, travel and lodging) were provided to students attending minority-serving institutions (MSIs) and historically black colleges and universities (HBCUs) to attend the 2019 Physics Congress and present their research.

# 38%

Female

More work is needed to encourage gender parity in STEM. In **2019, 38% of Congress attendees were female**, well above the national average of women in the physical sciences.

# 174

Colleges & Universities

The 2019 Congress had representation from **more than 174 colleges and universities**, representing 43 states, Washington, D.C., Puerto Rico, Canada, Hungary and Mexico.

# 302

Poster Presentations

302 students presented posters at the 2019 Physics Congress. Students presented original research and discussed their work with colleagues and mentors.







“ I was able to network and share my experiences with others as a physics student and found comfort in knowing there were people like me studying what I love. ”

– Lee Ann Capistran, University of Texas Rio Grande Valley

“ Not only did PhysCon provide me with new friends, potential networking, and information; PhysCon ... provided new motivation, ambition, and dreams for my present and future work.”

– Martell Valencia, University of Texas Rio Grande Valley

“ I hope to encourage more undergrads to attend this conference and am even more excited to join in the future so that I may be even more prepared to meet new friends and future employers. This experience has been overall life changing for me and I cannot put into words how much I would like to see more from Society of Physics and its growth for STEM students.”

– Jessi Valdez, Texas Lutheran University

