

Summer

NEWSLETTER

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SPOTLIGHT

Please join us in welcoming our newest Board members: Maria Gentile, a senior product manager with Thermo Fisher whose background is in molecular biology, and Dr. Benjamin Gerstner an evolutionary ecologist who is a current AAAS S&T Policy Fellow

MARK YOUR CALENDARS



DEC 31 - Recognition Awards Deadline



JAN 31 - Winter Newsletter Deadline



FEB 15-17 - AAAS Annual Meeting

ABOUT US

Out to Innovate is NOGLSTP doing business as "Out to Innovate." We are a 501(c)(3) educational organization and professional society of gay, lesbian, bi-sexual, transgender, asexual, queer (LGBTQ+) people, and allies employed or interested in science, technology, engineering, or mathematics (STEM) fields. Out to Innovate empowers LGBTQ+ individuals in STEM by providing education, advocacy, professional development, networking, and peer support. Out to Innovate educates all communities regarding scientific, technological, and medical concerns of LGBTQ+ people.



OPEN CALL FOR NEW BOARD MEMBERS AND VOLUNTEERS



We are in the midst of a renewed attack on the LGBTQ+ community by lawmakers, one that uses rhetoric antithetical to science and targets a particularly vulnerable group: trans youth. If you or someone you know would like to get involved in Out to Innovate's mission, we are always looking for help to organize and run our programs. We are an entirely volunteer-based organization and rely on your help to carry out our work.

Apply to become a Board member here:

<https://www.outtoinnovate.org/volunteer-for-board-leadership>

For volunteering opportunities reach out to any of Board members or committees here:

<https://www.outtoinnovate.org/contact>

TRANS PIONEER IN ENGINEERING LYNN CONWAY PASSES AWAY AT 86

On June 9, 2024, Lynn Conway, noted professor emerita of electrical engineering and computer science, passed away at age 86. Conway was awarded the Out to Innovate Engineer of the Year Award in 2005 for not only her contributions to engineering but also her activism in championing inclusion of trans individuals in STEM. She was a major figure in the world of microchips through her work in circuit integration and developing a method for simplified, scalable chip design. Conway transitioned in her early adulthood and was fired by IBM in 1968 for being out. IBM would not apologize until 2020. Conway's career spanned several organizations, including the Xerox Palo Alto Research Center, the National Science

Foundation, the Defense Advanced Research Projects Agency, the Massachusetts Institute of Technology, and University of Michigan.

Read more here:

news.engin.umich.edu/2024/06/the-legacy-of-lynn-conway-chip-design-pioneer-and-transgender-rights-advocate/

A RETROSPECTIVE ON A JOINT AMERICAN GEOPHYSICAL UNION AND AMERICAN METEOROLOGICAL ASSOCIATION PANEL

Eos published an article in its May issue that summarized and reflected on a joint panel titled "Uplifting Transgender & Gender Non-conforming Geoscientists Through Allyship & Empowerment" organized by AGQ and Coriolis. The article discusses the resultant call to action to individuals, academic institutions, and professional associations, to create a culture of inclusion built by all its members rather than just those within the trans and non-gender conforming communities.

Read the full article here:

eos.org/opinions/empowering-genderqueer-geoscientists-being-and-building-the-change

NSF DEAR COLLEAGUE LETTER

The National Science Foundation has published a Dear Colleague Letter requesting proposals that would support their SOGI Data Action plan to eliminate barriers to participation for LGBTQI+ communities in

(continued on pg. 3)

STEM. The letter calls for four proposal types: (1) traditional research; (2) new conferences, colloquia, or workshops around systemic change and organizational policies; (3) group travel proposals; (4) activities aligned with the goal or increasing access, engagement, inclusion, and belonging in STEM at all stages. Out to Innovate is also interested in collaborating with investigators with proposal ideas. So please reach out to TJ.

Read more here:
[nsf.gov/pubs/2024/nsf24101/nsf24101.jsp](https://www.nsf.gov/pubs/2024/nsf24101/nsf24101.jsp)

NSF ANNOUNCES EXTENSION OF SURVEY QUESTIONS TO INCLUDE SEXUAL ORIENTATION AND GENDER IDENTITY

The National Science Foundation announced plans to include sexual orientation and gender identity (SOGI) data in its Survey of Earned Doctorates (SED). Last year, NSF added gender identity as a demographic question to its National Survey of College Graduates (NSCG), but it declined to include a question on sexual orientation, citing respondent completion issues. Several professors, including Jon Freeman at Columbia University, Bryce Hughes at Montana State University, and Zara Weinberg at University of California San Francisco, discussed the need to collect data to address any disparities in SOGI minority populations.

Read the full article here:
[science.org/content/article/lgbtq-ph-d-graduates-will-soon-be-counted-key-u-s-survey](https://www.science.org/content/article/lgbtq-ph-d-graduates-will-soon-be-counted-key-u-s-survey)

NEW ENGLAND JOURNAL OF MEDICINE ARTICLE ON SEXUAL ORIENTATION AND GENDER IDENTITY HEALTH

An article published in the New England Journal of Medicine by Halem, Manion, and Streed provides a historical retrospective titled, "A Legacy of Cruelty to Sexual and Gender Minority Groups." The authors cover topics ranging from the early days of the publication riddled with myths and misconceptions, medical practitioners sensationalizing and condemning same-sex attraction, psychiatry's inclusion leading to more demonization, conversion therapy, associating the HIV epidemic with morality, and the impacts of publications covering trans issues on the policy landscape today.

Read the full article here:
[nejm.org/doi/full/10.1056/NEJMp2407068](https://www.nejm.org/doi/full/10.1056/NEJMp2407068)

VOLUNTEER WITH OUT TO INNOVATE

The Programs, Communications, and Membership committees are looking for volunteers! The Programs committee focuses primarily on scholarships, recognition awards, and fellowships as well as events like the biennial Out to Innovate Summit. The Communications committee handles social media, branding, press releases, website content, this quarterly newsletter, and more. And finally, the Membership committee is looking for ways to better serve you, our members! Whether you have prior experience and relevant skills or are just interested in these opportunities, all are welcome to join.

MEMBER SERVICES

The Out to Innovate member services site allows for self-serve member update and automated renewal notices. Visit our website at:

<https://www.outtoinnovate.org/membership> and log in to explore or update your profile, or to renew your annual dues. Of course, you're welcome to renew or join the old-fashioned way with pen, paper, and check by filling out a download-able form from our website. We're happy to have your support any way you want to give it!

AFFILIATES

- 500 Queer Scientists
- American Astronomical Society (AAS) Committee for Sexual Orientation and Gender Minorities in Astronomy (SGMA)
- American Institute of Chemical Engineers (AIChE)
- CSUN QueerSTEM
- gAyGU (American Geophysical Union)
- L'GASP: Lesbian, Gay, Bisexual Audiologists and Speech-Language Pathologists
- LAGLS: Los Angeles Gay and Lesbian Scientists
- LGBTQ Chemists and Allies (ACS PROF Gay and Transgender Chemists and Allies)
- NOGLSTP at Oklahoma State University
- NOGLSTP at Purdue
- NOGLSTP at University of Nebraska - Lincoln
- Diversity and Inclusion in American Nuclear Society Committee (formerly NuclearPride)
- LBGTQ STEM at Oklahoma State University
- PrideSTEM at Texas Tech
- QSTEM of Lake Nona High School
- Queer Science (University of Minnesota)
- Queer Science Society
- Spectra: The Association for LGBT Mathematicians

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SUBMISSIONS

The **Out to Innovate Bulletin** is published quarterly, most of the time. Contributed articles are welcome and encouraged and may be emailed as plain text to editor@noglstp.org. The next publication deadline (for the winter newsletter) is **January 31, 2025**. Please acknowledge the Out to Innovate Bulletin as your source if you choose to reproduce any of these articles.

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