

NOGLSTP *Bulletin*

Winter 2010

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NOGLSTP, PO BOX 91803, Pasadena CA 91109, phone/fax: 626 791-7689, www.noglstp.org

NOGLSTP Invites You to These Events

at the AAAS San Diego Annual Meeting Feb 19-22



The American Association for the Advancement of Science Annual Meeting will be in San Diego, CA, February 19-22, and NOGLSTP has something special planned for nearly every day of the conference:

Friday, February 19, 3-4:30pm

Career Resources Discussion at AAAS Meeting: Lesbian, Gay, Bisexual, and Transgender: On Campus and at Work

This workshop features a roundtable discussion on what it is like to be openly lesbian, gay, bisexual, or transgender (LGBT) on campus and in the scientific and technical workplace. All AAAS Meeting and Career Resources Registrants are welcome to attend. (Marina Ballroom G, San Diego Marriott Hotel & Marina)

Saturday, February 20, 2010: 1:30 PM-3:00 PM

Symposium: Targeting HIV/AIDS Prevention: New Research and Future Avenues

The emergence of the HIV/AIDS epidemic in the early 1980s led to the rapid identification of unprotected sexual intercourse as a major route for HIV transmission. Indeed, HIV was initially identified in men who have sex with men (MSM), and globally, HIV transmission by MSM accounts for a significant avenue of HIV acquisition. Recent epidemiological studies have suggested that the proportion of newly acquired infections in MSM are underreported, particularly in low- and middle-income countries due to prevailing social attitudes and stigmas regarding this population. For HIV prevention to be successful, focused, evidence-based interventions must be introduced that are compatible with the behaviors of specific target populations, such as MSM. Pre-exposure prophylaxis (PrEP), vaccines, and universal mandatory HIV testing followed by immediate highly active anti-retroviral treatment (HAART) represent noninvasive avenues that could be used to reduce HIV acquisition among sexually active people and in particular MSM. The objective of this symposium is to bridge epidemiology and basic science to promote the development of MSM-targeted prophylactic or therapeutic interventions that ultimately may lead to eradication of HIV transmission. Organized by NOGLSTP members Rochelle Diamond and Andrew Hebbler, this symposium is open to all registered AAAS meeting attendees. (Room 6E, San Diego Convention Center)

Sunday, February 21, 2010: 9:30 AM-11:30 AM

NOGLSTP Annual Business Meeting

NOGLSTP Board of Directors and members meet to discuss plans for the coming year. This meeting is open to all dues-paying NOGLSTP members, whether or not they are registered for the AAAS meeting. Members who want to attend by conference call may make arrangements with the NOGLSTP Office by 2/20/2010. (Los Angeles Room, San Diego Marriott Hotel & Marina)

Sunday, February 21, 2010: 4:30 PM-6:30 PM

NOGLSTP Annual Recognition Awards Reception

Meet and greet fellow lesbian/gay/trans folk and allies over light refreshments at our Annual Recognition Awards Reception, at which we will honor

- Jay Keasling, *GLBT Engineer of the Year*
- Jesse Michael Bering, *GLBT Scientist of the Year*
- Donna Riley, *GLBT Educator of the Year*

See page 2 of The NOGLSTP Bulletin for brief biographies of our award recipients. AAAS meeting registration is not required to attend this event. Members, non-members, meeting attendees, local area technical professionals, significant others, and the press are all welcome. (Del Mar Room, San Diego Marriott Hotel & Marina)

In addition to the events organized by NOGLSTP, the AAAS Annual Meeting offers symposia, plenary sessions, topical speakers, poster sessions, an exposition, and a career resources weekend, all fitting into the theme, "Bridging Science and Society". For more information about the AAAS Annual Meeting, point your web browser to www.aaas.org/meetings. NOGLSTP has been a AAAS Affiliate since 1994.

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NOGLSTP to Honor Keasling, Bering, and Riley as 2010 GLBT Engineer, Scientist and Educator of the Year

NOGLSTP is pleased to announce the recipients of the 2010 Recognition Award for Outstanding GLBT Engineer, Scientist, and Educator of the Year: Jay Keasling, Jesse Michel Bering, and Donna Riley. These awards will be presented at our Annual Recognition Awards Reception on Sunday February 21, 2010 at the San Diego Marriot Hotel, during the AAAS Annual Meeting. All interested people are welcome to attend.

The GLBT Engineer of the Year award goes to Dr. Jay Keasling, Hubbard Howe Jr. Distinguished Professor of Biochemical Engineering at UC Berkeley's Department of Chemical Engineering and Bioengineering. Dr. Keasling's research involves synthetic biology, systems biology, environmental biotechnology, and bioenergy solutions using metabolic engineering of microorganisms. One specific example of Keasling's research involves the metabolic engineering of the *Escherichia coli* bacterium, to produce the anti-malarial drug artemisinin. Although artemisinin is an effective, proven treatment for malaria, current methods of producing it from the plant *Artemisia annua* are considered too expensive to cost-effectively eliminate malaria from developing countries. By producing the drug from a microbe, rather than harvesting it from a plantation, the Keasling Lab intends to lower the cost of artemisinin production from \$2.40 per dose to \$0.25 per dose.

The GLBT Scientist of the Year award goes to Dr. Jesse Michael Bering, Reader at the School of History and Anthropology, and Director of the Institute of Cognition and Culture at Queen's University, Belfast. His post graduate research focused on the psychological differences between human beings and chimpanzees, and this early exposure to comparative psychology, combined with his PhD in developmental psychology, led to his work studying how the evolved human mind plays a part in religious thinking. He is the author of numerous scientific articles on topics ranging from the afterlife to university students' conceptions of destiny. His popular writings have appeared in *American Scientist*, *Scientific American* and *New Statesman*, and he has had several essays published in John Brockman's *Edge*-derived books. He also writes a regular column called "Bering in Mind" for *Scientific American* magazine. An American by birth, he currently lives in Northern Ireland with his partner Juan. His first book *Under God's Skin* is forthcoming from W.W. Norton in Spring, 2010.

The GLBTA Educator of the Year award, reserved for the GLBTA Educator who has enabled significant growth for GLBT students in science or technology - through teaching, counseling, advocacy, role modeling, or other educational roles, goes to Dr. Donna Riley, Associate Professor of Engineering at Smith College. Dr. Riley is a founding faculty member in the Picker Engineering Program at Smith College and an out bisexual woman who has been active in LGBT political movements for 19 years. Smith College has a history of being a lesbian and bi-friendly campus, often recognized in the *Advocate* magazine's list of LGBT-friendly colleges. More recently, transgender students at Smith and queer students of color at Smith have organized to expand the tradition of inclusivity and affirmation. Smith is the first women's college in the country to offer a degree in engineering.

In addition to serving as a role model for queer engineers on campus, Dr. Riley also works to include a focus on LGBT issues in her scholarship. She wrote an article in a special diversity issue of the journal *Leadership and Management in Engineering* introducing LGBT issues for practitioners and identifying ways to make workplaces more LGBT-friendly. In behind-the-scenes ways in her editorial work and professional service, Dr. Riley works to promote scholarship in engineering education that includes a focus on LGBT students and cultures of heterosexism and homo-, bi-, and trans-phobia. Often such work has difficulty finding a home because the field of engineering education has yet to recognize and respond to what gender studies scholars call "intersectionality" – the reality that people hold multiple identities at once as people with gender identities, races and ethnicities, abilities, sexual orientations, and social class, among others. Thus LGBT articles can be lost in a shuffle that seeks to categorize articles as either about "women in engineering" or about "minorities in engineering." In her book *Engineering and Social Justice* (Morgan and Claypool, 2008), Riley includes a section on Homophobia and Heterosexism in engineering, and refers throughout the book to LGBT issues including same-sex marriage, heteronormativity in engineering textbooks, and LGBT activism in a number of contexts. Dr. Riley is out in articles on her experiences as a woman in engineering as well as in work on engineering education. In her teaching, Dr. Riley employs liberative pedagogies – that is, feminist, critical, and queer pedagogies that seek to empower students as scholars and as whole people by turning a focus to power relations in the classroom, as well as in the larger world.

News from NOGLSTP Affiliates and Friends

This past August, **LGBT Chemists and Allies** enjoyed a well-attended reception at the American Chemical Society national meeting. The reception was sponsored by the ACS president. NOGLSTP Board member Chris Bannochie reports that the incoming ACS President has agreed to sponsor a similar event next fall!

NOGLSTP at Purdue sponsored an Intersex Awareness Day in October with a screening of the film, *XXY*, a coming of age drama about an intersex teen. Their first callout for the 2010 Spring semester is in late January.

LGBTQ attendees of the **Society for the Advancement of Chicano and Native American Scientists** annual conference enjoyed a well-attended mixer after the kick-off dinner this past October, and are already making plans for another reception in Anaheim CA for the 2010 SACNAS Conference.

NOGLSTP at Indiana University sponsored a Transgender Day of Remembrance in November. The event organizers were featured in interviews on the BloomingOUT radio show, *Indiana Daily Student*, and the *Herald Times*. This busy group meets weekly during the semester, and already has plans for Spring.

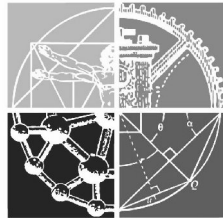
This past November, **Los Angeles Gay and Lesbian Scientists** celebrated the 30th anniversary of their first meeting with a night out on the town. Speeches, memories, and good conversations were shared over gourmet south-of-the-border dinner. They are planning a Big Bang Theory themed meeting this coming spring.

The **Association of Lesbian, Gay, Bisexual and Transgender Mathematicians** had a reception and evening out during the Joint Mathematics meeting in San Francisco early January.

CoRioliS, a group of **LGBTQs & Friends in the American Meteorological Society**, held a reception at the AMS annual meeting this January. Co-sponsored by NOGLSTP and SOARS (Significant Opportunities in Atmospheric Research and Science), this first event of its kind had over 70 guests!

Celebrate National Engineers Week February 14-20

What do the Golden Gate Bridge, Fermi National Accelerator Laboratory, Millennium Force Roller Coaster, Johnson Space Center, Quincy Mine Steam Hoist, USS Enterprise, Erie Canal, Lynx-Lymmo, and the American Computer Museum have in common? They are all places of engineering interest featured on the website "A Sightseers' Guide to Engineering" www.engineeringsights.org, brought to you by National Engineers Week and the National Society of Professional Engineers. You can celebrate National Engineers Week by promoting the site, organizing a trip to one of the places of interest, sponsoring a tour of your lab or production facility, or by participating in the many outreach activities such suggested at www.eweek.org/GetInvolved/GetInvolved.aspx



ENGINEERS WEEK® 2010

February 14 - 20

Engineers Week is the public culmination of a year-round portfolio of programs. The National Engineers Week Foundation, a formal coalition of more than 100 professional societies, major corporations and government agencies, is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society. NOGLSTP is an Engineers Week Diversity Council Founder Member.

NOGLSTP's EWeek activity is its Annual GLBT Engineer of the Year Award. This year's award goes to Dr. Jay Keasling, bio-engineering professor at UC Berkeley. See article on page 2 for further details.

Mark Your Calendars

- February 14-20, 2010: National Engineers Week www.eweek.org
- February 19-21, 2010: NOGLSTP Recognition Awards Reception, Annual Business Meeting, HIV Symposium, and Career Roundtable during American Association for Advancement of Science Annual Meeting, San Diego CA. See page 1 of this newsletter for details.
- April 10-11, 2010: Out for Work LGBTQA College Student Career Conference West Coast, Los Angeles CA <http://www.outforwork.com>
- June 3-5, 2010: Organization for the Study of Sex Differences 4th Annual Meeting, Ann Arbor MI, www.ossdweb.org
- Oct 5-9, 2010: Out & Equal Workplace Summit, Los Angeles CA
- October 9, 2010: OUT to Innovate Summit for LGBT STEM Community, Los Angeles CA.

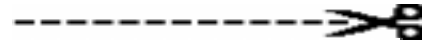
Member Services

The NOGLSTP member services site allows for self-serve member update and automated renewal notices. This member services area is also the gateway to access protected members-only areas, such as the Membership Roster, the NOGLSTP OutList, the opt-in e-list, and links to our social networking groups on Facebook and Tribe, and our professional networking group on LinkedIn.

Point your web browser to www.noglstp.org/memberservices 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. You can use the clip-out form in this newsletter, or fill out a downloadable form from our website. We're happy to have your support any way you want to give it! *Attention LAGLS and NOGLSTP-CR Members: Please renew manually through your regional group and enjoy a significant discount on your NOGLSTP annual dues.*

IS IT TIME TO RENEW YOUR MEMBERSHIP DUES?

Check your mailing label. Your renewal date is in the upper right section of your address block. Your membership number is just to the left of your expiration date. If you have a trial membership, it says "trial" instead of a membership number. You may renew online at www.noglstp.org/memberservices, or fill out the form below (and on the other side of this page), and return it with your check to NOGLSTP, PO Box 91803, Pasadena CA 91109. You may also use this form to inform us of any address or area code changes.



Membership Form

To renew your NOGLSTP membership or become a member of NOGLSTP, support its activities, and receive a newsletter, complete this form and send it with a check or money order to:

**NOGLSTP
PO BOX 91803
Pasadena CA 91109**

Annual Membership Dues are:

\$25-40 (sliding scale) (tax deductible after the 1st \$10)

\$20 for postdocs

\$45 NOGLSTP/National Postdoc Association discounted joint membership dues

\$10 for students and unemployed*

*inquire about our limited free memberships to 'starving students'

Please pay in US Funds only.

Renewal New Info change only

Date:

Name:

Address: (don't forget your zip code!)

Telephone:

Email/URL:

Latest Degree/Subject:

Job Title:

Do you want your name and phone/email printed on a membership roster to be released to other NOGLSTP members?

YES

NO

Do you want your email/URL to be placed on the NOGLSTP web page?

YES

NO



Don't forget to fill out the other side →

NOGLSTP's Latest Project in the Works... "Out to Innovate"

NOGLSTP is excited to announce an LGBT science and technology summit called "Out to Innovate: Science, Technology, Engineering, and Mathematics With Pride". A pilot project in the works, the mission is to bring LGBTQA high school students, undergrads, graduates, and post-docs together with LGBT professionals, academics, and employers in the STEM community for a full day of workshops, featured speakers, and a career fair. "Out to Innovate" will be presented by NOGLSTP, and hosted by University of Southern California Lambda LGBT Alumni Association and the USC LGBT Student Association at the new USC Tudor Campus Center. A first of its kind, the idea is in response to the Obama administration's call to "Educate for Innovation" to provide a technologically educated workforce for the 21st century. NOGLSTP's "Out to Innovate" has a key endorsement from the American Association for the Advancement of Science. Scheduled to be held October 9, 2010 in Los Angeles CA, the summit will fall directly on the heels of the annual Out and Equal Workplace Summit, giving an opportunity for science and technology professionals attending that conference to participate. NOGLSTP is working to secure corporate and academic sponsorships from the leading biotechnology, computer science, and engineering companies that have LGBT-inclusive policies. Northrop-Grumman (Woodland Hills CA) has already stepped forward as our first corporate sponsor. The event will include plenary lectures from out and prominent scientists and engineers, interview opportunities with LGBT-friendly companies and institutions, a student poster session, and workshops to inspire students, faculty, and professionals alike. The goal is to mentor students in STEM career

paths, and demonstrate that LGBT STEM professionals can excel in their careers with PRIDE and INNOVATION.



Membership/Renewal Form (continued):
Special Techno-Interests or Expertise:

Please list any other professional organizations/societies that you belong to:

Are you a member of any of these groups?

- American Chemical Society
- Los Angeles Gay and Lesbian Scientists
- Mathematics Association of America or American Mathematical Society
- National Postdoctoral Association
- NOGLSTP—Chesapeake Region
- NOGLSTP at Indiana University
- NOGLSTP at Purdue
- OSTEM

For New Members: How did you learn of NOGLSTP?

WHAT WOULD YOU LIKE TO HELP US WITH? (CHECK ANY THAT INTEREST YOU)

- BOARD OF DIRECTORS
- HOLD OFFICE
- AAAS
- FUNDRAISING
- MENTORING PROJECT
- NEWSLETTER ARTICLES
- EDIT NEWSLETTER
- PRODUCE NEWSLETTER
- NEW PAMPHLET TOPICS
- GRANT WRITING
- G/L/B/T CAUCUS OF PROFESSIONAL SOCIETIES (which one?)
- OTHER _____

Some of the suggested workshops include:

- Mentoring LGBT students
- Being out in your STEM educational environment
- Creating Safe Space in STEM careers
- STEM Opportunities in the government
- Activism, Leadership, and Career
- Reverse Mentoring (what students what from their faculty advisors)
- Power in Numbers: The role of LGBT policy in professional societies
- LGBT Networking in STEM careers
- Successful strategies for STEM employment opportunities
- Transgender issues in the STEM workplace
- Successful resume writing for the LGBT STEM student

This event is still in the planning stages. NOGLSTP members are invited to send suggestions of speakers and workshop proposals. Donations of any size or kind to fund the project will gladly be accepted. If successful as a pilot project, plans will be made to take this event to other cities in the future.

ABOUT NOGLSTP

National Organization of Gay and Lesbian Scientists and Technical Professionals is a 501(c)(3) educational organization and professional society of gay, lesbian, bisexual, and transgender people (and their advocates) employed or interested in scientific or high technology fields. NOGLSTP's goals include educating the scientific and general communities about LGBT issues in science and the technical workplace; educating the queer community about relevant topics in science; dialogue with professional societies and associations; improving members' employment and professional environment; opposing queer phobia and stereotypes by providing role models of successful LGBT scientific and technical professionals; and fostering networking and mentoring among our members. Written correspondence may be addressed to: NOGLSTP, PO BOX 91803, Pasadena CA 91109-9813. For more information, see our web site at www.noglstp.org

Board of Directors (append each incomplete address with noglstp.org):

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Danielle Cherniak, Member at Large, Cohoes NY, dc-board@noglstp.org
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Treasurer: Barbara Belmont, office@noglstp.org

Mentoring Project Coordinator: Amy Ross, aross@noglstp.org

Newsletter: The **NOGLSTP Bulletin** is published quarterly, most of the time. Contributed articles are encouraged, and may be e-mailed as plain text to office@noglstp.org. Next publication deadline: April 20 2010. Please acknowledge the **NOGLSTP Bulletin** as your source if you choose to reproduce any of these articles.

