

# NOGLSTP *Bulletin*

Winter 2008

©National Organization of Gay and Lesbian Scientists and Technical Professionals, Inc.  
NOGLSTP, PO BOX 91803, Pasadena CA 91109, phone/fax: 626 791-7689, www.noglstp.org

## GLBT Professionals to Receive NOGLSTP Awards Recognizing Their Contributions to the Fields of Science and Technology

*The NOGLSTP Recognition Awards were established as a means of identifying, honoring, and documenting the contributions of outstanding GLBT science, engineering and technology professionals, as well as corporations, academic institutions, and businesses that support GLBT professionals in the fields of science and technology.*

We are pleased to announce the 2008 NOGLSTP Recognition Awards recipients: **Arnold M. Zwicky (GLBT Scientist of the Year)**, **Michael J. Steinberg (GLBT Engineer of the Year)**, and **Michael Falk (GLBTA Educator of the Year)**. These people will be honored at the 5th Annual NOGLSTP Recognition Awards Ceremony at a reception sponsored by Raytheon and held during the American Association for the Advancement of Science Annual Meeting in Boston. This event will be held Sunday, February 17, 4-6 pm at the Sheraton Boston, 3rd Floor, Berkeley. All interested people are welcome to attend this reception and awards ceremony; registration for the AAAS Annual Meeting is not required.

### 2008 NOGLSTP GLBT Scientist of the Year: **Arnold Zwicky, Ph.D.**

Dr. Arnold Zwicky has been chosen to receive the NOGLSTP 2008 GLBT Scientist of the Year Award because of his outstanding achievements in the field of linguistics.

Arnold Zwicky has authored over 120 professional publications in his long and distinguished career. His research centers on the theory of syntax and word structure; variation in syntax; and the advice literature on grammar, style, and usage. His entire life has been dedicated to the detailed study of language, and to the principle that the details matter—the aim of science is not lofty grand principles of uncertain precision but rather close analysis of fine-grained patterns of facts. His training began in pure mathematics and Sanskrit, the classical language of ancient India, and continues in the quest of a quintessentially scientific attitude to the phenomenon of human linguistic communication in all its complexity and variety.

As an openly gay linguist in academia and science, Dr. Zwicky has been an excellent role model for his students and colleagues. Dr. Zwicky is currently a Visiting Professor of Linguistics, Stanford University and a Distinguished University Professor Emeritus of Linguistics, Ohio State University. Dr. Zwicky received an A.B. in mathematics from Princeton University, magna cum laude (1962) and his Ph.D. in linguistics from Massachusetts Institute

*(Continued on page 2: AWARDS)*

### Join us in Boston

during the  
**American Association for the  
Advancement of Science  
Annual Meeting**  
February 14-18, 2008



*NOGLSTP Activities during the AAAS Annual Meeting:*

AAAS Career Resource Center networking:  
**Being Out and About in Science: An Informal Conversation**  
Saturday February 16, 4-5:30 pm  
307 Hynes Convention Center  
*(AAAS registration is required, but is free for Career Resources)*

**NOGLSTP Annual Business Meeting**  
Sunday February 17 9:30-11:30 am EST  
Sheraton Boston, 3rd Floor, Clarendon A  
*(NOGLSTP members may participate in person or by conference call; AAAS meeting registration not required)*

**NOGLSTP Annual Recognition Awards Ceremony  
and Reception, sponsored by Raytheon Company**  
Sunday February 17 4-6 pm EST  
Sheraton Boston, 3rd Floor, Berkeley  
*(All people are welcome; AAAS meeting registration not required)*

### Celebrate National Engineering Week

NOGLSTP is an endorsing sponsor of National Engineering Week and also a charter member of its Diversity Council. NOGLSTP will be participating in the activities of National Engineering Week, which is February 17-23, by honoring our 2007 NOGLSTP Engineer of the Year recipient, Mr. Michael Steinberg. Later in the spring, our representatives will take part in the E-Week Global Marathon. For more information about E-Week, point your web browser to [www.eweek.org](http://www.eweek.org).

### Inside this issue....

**Page 1:** 2008 NOGLSTP GLBT Scientist of the Year: Arnold Zwicky; NOGLSTP Activities at the 2008 AAAS Annual Meeting; Celebrate National Engineering Week  
**Page 2:** 2008 NOGLSTP GLBT Engineer of the Year: Michael Steinberg; 2008 NOGLSTP GLBT Educator of the Year: Michael Falk; Joint Mathematics Meeting News  
**Page 3:** Improved Members Services Site; Call for Interns; Call for Support of Amicus Brief on Junk Science; Membership Form  
**Page 4:** Technopolicywonk Queer of Note: Todd B. Hawley; Security Clearance Workshop Presentation Available for Download

**(AWARDS:** *Continued from page 1)*

of Technology (1965). After teaching four years at the University of Illinois, Urbana-Champaign, he taught at Ohio State University and was named a Distinguished University Professor in 1989, retiring in 1995. Since 1985, Zwicky has been a visiting professor at Stanford University. He has been active in the Linguistic Society of America (LSA president, 1992) and has taught or worked on research projects at many of the Linguistic Institutes of the LSA, from 1968 through 2007. He held the Sapir Professorship at the 1999 Institute, at the University of Illinois, Urbana-Champaign. His many honors and awards include: Fellow of the American Academy of Arts and Sciences (1992); Fellow of American Association for the Advancement of Science (1998); Fellow Linguistic Society of America (2006), and Fellow of the Association for Psychological Science (2007). He has held Fellowships at the Center for Advanced Study in the Behavioral Sciences (Stanford U. 1981) and the Stanford Humanities Center (2005-6), University of Edinburgh, University of Sussex (Fulbright research professorship), and the Beijing Language Institute, Guggenheim Fellowship (1972), Distinguished Scholar Award (OSU 1987), OSU Exemplary Faculty Award (1994).

Dr. Zwicky's work has included mentoring other LGBT academics; supporting the LGBT linguistics community by founding, publicizing, participating in OUTIL, the Out in Linguistics mailing list, and publishing articles on language usage in the popular gay press. He is a past board member of NOGLSTP.

\*\*\*\*\*

### **2008 NOGLSTP GLBT Engineer of the Year: Michael Steinberg, M.S.**

Mr. Michael Steinberg was chosen to receive the NOGLSTP 2008 Engineer of the Year award because of his outstanding technical achievements and leadership as an out, gay engineer in the defense industry.

Mr. Steinberg's research and development work over the last 22 years at Raytheon Missile Systems is highly classified state-of-the-art engineering and is of great importance to the United States Department of Defense. He has served as the Guidance, Navigation, and Control (GNC) Technical Director for Special Programs Development (SPD), and later became the SPD Program Manager and Chief Engineer, responsible for both the technical and management aspects of the effort. This involved all aspects of weapon system design and development, including designing the logic that makes the weapon work, testing the software, supporting system field tests, writing proposals for system enhancements, and leading and mentoring teams of engineers.

Mr. Steinberg also has developed training material and is a key instructor working with US warfighters to make sure they understand the technical performance and usage of extremely complex missile systems. He has been a Raytheon Engineering Fellow (near the top of the Raytheon Technical ladder) for 5 years and is currently the Deputy Program Manager for Air-to-Air Advanced Programs, directing over 250 engineers and business personnel.

Mr. Steinberg is a leader in the LGBT community, serving as Chairperson of the Tucson Jewish Federation's LGBT Jewish Inclusion Project Steering Committee, which functions to improve the relationship between Jewish religious organizations and the LGBT members of that community. He has served as President of Congregation Beth El Binah, the GLBT Jewish Congregation in Dallas, TX. Mike and his partner of 25 years, Alan Taylor, also

a Raytheon engineer, are major fundraisers for several organizations in Tucson, AZ which include the Tucson Interfaith HIV/AIDS Network (TIHAN), the Southern Arizona AIDS Foundation (SAAF), and Wingspan, the Southern Arizona GLBT Community Center. They have helped move the Raytheon Missile Systems AIDSWalk team to the top of the corporate fundraising list at this annual fundraising event held by SAAF. At Raytheon Missile Systems, they were part of a small group that initiated the formation of the local Raytheon GLBTA Employee Resource Group in Tucson.

\*\*\*\*\*

### **2008 NOGLSTP GLBT Educator of the Year: Michael Falk, Ph.D.**

Dr. Falk is currently an Associate Professor of Materials Science and Engineering and of Applied Physics at the University of Michigan. He will be moving to John Hopkins University in the fall of 2008. He received his BA with honors in Physics (1990) and his MSE in Computer Science from John Hopkins University (1991), and earned his PhD in Physics from the University of California, Santa Barbara (1998). He has been a Visiting Scholar at the National Institute of Standards and Technology (1999) and was a Postdoctoral Fellow at Harvard University (1998-2000). Dr. Falk has over 45 professional publications in his research area, which involves using computer simulation to understand materials processes on a fundamental level. This interest has led him to investigate how glasses bend and break, how mechanical stress affects the processing and lifetime of semiconductor devices and the basic phenomena that lead to friction and wear.

Dr. Falk's honors and awards include: the Jon R. and Beverly Holt Award for Excellence in Teaching (2005, UM); 1938E Award, College of Engineering (2005, UM); Outstanding Student Group Advisor Award, Epeians Engineering Leadership Society, (2005, UM); New Century Scholar, NSF Faculty Development Program (2002); Best Classroom Climate Award, UM Society of Women Engineers (2002); NSF CAREER Award( 2002); American Physical Society Nicholas Metropolis Award for Outstanding Dissertation in Computational Physics (2000); UCSB Graduation Ceremony Commencement Speaker (1998); DOE Computational Sciences Graduate Fellowship (1995-98); Luce Scholar (1991-1992); Phi Beta Kappa, Johns Hopkins University (1990).

Throughout his distinguished studies and 10 year academic career, Dr. Falk has been open and out in the LGBTA community both on and off campus serving as a role model for diversity, an exemplary educator and a leader to his students, colleagues and community. His untiring efforts-- through student organization development, community building and rigorous advocacy in his professional societies, and educational venues -- has been remarkable given his demanding schedule as a faculty member and researcher.

### **Joint Mathematics Meeting News**

This past January, the LGBTA members of the Mathematical Association of America met at a reception cosponsored by NOGLSTP at the Joint Mathematics Meeting in San Diego. Over 50 people attended. The Mathematical Association of America now lists the group as a caucus of NOGLSTP. The caucus has appointed Dr. George Bradley as their representative to the NOGLSTP Board of Directors. Dr. Bradley has been organizing and hosting their receptions for many years.

## NOGLSTP's Improved Member Services Site

NOGLSTP upgraded its member services site last summer to a more robust package that allows for self-serve member update, email notification of manual dues updates, automates renewal notices, and integrates on-line and off-line data keeping. We have enabled automated renewal notices, and you will receive email reminders to renew your membership — two weeks before expiration, and 30 and 60 days after expiration if you don't renew. In the months to come, NOGLSTP members will be able to use the same interface to access protected members-only areas, such as the membership roster, the current newsletter, and more yet-to-be-announced member benefits. Point your web browser to <http://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 tear 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!

## Call for Interns

NOGLSTP and MentorNet are interested in locating perspective interns for two programs funded by the Scott Hitt Foundation. These intern programs are a unique opportunity for an LGBT intern to work with an established non-profit organization on issues that increase the visibility and opportunity networks for our community. The R. Scott Hitt Foundation is offering two separate funded internships for 2008. One program is limited to undergraduates who would work in Southern California. The other program is for a graduate who would work full-time for seven to nine months anywhere in the US. Both grants provide funding to pay the intern. The non-profits provide the supplies for the project to be undertaken. The catch is that the prospective intern is responsible for coming forward to the non-profit organization and would be responsible for submitting the joint grant application. This would be a great opportunity for an individual to work at MentorNet (located in the San Jose CA area) on expanding LGBT mentoring programs on behalf of NOGLSTP. Please contact the NOGLSTP office if you are interested in either of these opportunities.

## Call for Support of *Amicus* Brief for Iowa Supreme Court on Junk Science

Lambda Legal has invited NOGLSTP and its interested members to consider signing on to a joint *amicus* ("friend-of-the-court") brief to be submitted before the Iowa Supreme Court in support of the evidentiary ruling of a trial judge in *Varnum v. Brien*, a lawsuit brought by a group of same-sex couples seeking the right to marry in their home state of Iowa. This *amicus* brief will focus on and support the judge's decision to exclude the testimony of five purported experts opposed to marriage for same-sex couples. Although these purported experts claimed expertise in various social science fields, it was clear from their resumes, written statements, and depositions that they were ideologues rather than scientists and therefore unqualified to offer expert opinions about social science research findings. The *amicus* brief will point out the dangers of permitting "junk science" testimony in courtrooms, and will support the judge's decision to exclude such testimony in this case.

Scientists and professors of evidence are invited to add their names to this *amicus* brief before it is submitted to the Iowa Supreme Court on March 28, 2008. A draft of the brief will be circulated to potential signatories for review closer to the deadline. For now, the authors of the brief simply would like to know who has a general interest in signing on so that they can develop a list for circulation of the draft. This *amicus* will help educate the court about what constitutes reliable scientific evidence and about the importance of the court's role as a gatekeeper in excluding testimony from ideologues who attempt to describe their personal beliefs as scientific fact. If you or your colleagues are interested in participating please let the NOGLSTP office know by March 1st. NOGLSTP is working with AAAS's Scientific Freedom, Responsibility and Law Program's Court Appointed Scientific Experts Service to ask for AAAS's support of this *amicus* brief.

## 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 (and pay with a credit card) at [www.noglstp.org/memberservices](http://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 →

## Technopolicywonk-Queer of Note: Todd B. Hawley

Todd B. Hawley was one of the three founders of the International Space University (ISU) and a life long advocate of human space exploration. He was born on April 13, 1961, the day after the flight of the first human to go into space Yuri Gagarin. Hawley attended George Washington University, where he received his Bachelor of Arts degree in Russian Studies and Economics and his Master of Arts degree in Space Policy. While an undergraduate, Mr. Hawley started the local chapter of Students for the Exploration and Development of Space (SEDS) and later became the Chairman of SEDS (1983 - 1985). Mr. Hawley conducted extensive research on solar power satellites. He received the 1989 Space Industrialization Fellowship Award, the 1988 Aviation Week and Space Technology Laurel, the 1993 Space Frontier Foundation Pioneer Award, and the 1995 K. E. Tsiolkovsky Medal. Todd Hawley passed away in July 1995 from complications due to AIDS. Todd was a visionary who believed in humanity's capability to open the space frontier. He dedicated his life to fulfilling this vision, and in the process touched the lives of thousands of space leaders and entrepreneurs. (*source: Wikipedia*)

Loretta Hidalgo Whitesides posted a very interesting blog, January 31, 2008 on Wired Blog Network's Wired Science page entitled "Space, The Final Frontier for Homosexuality" In her blog, Whitesides writes about Hawley, and laments the absence of openly gay people in the space program. There is a wonderful You Tube video tribute to Hawley included in the blog. Check it out at: <http://blog.wired.com/wiredscience/2008/01/space-the-final.html>



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
- 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 \_\_\_\_\_

## Security Clearance Workshop Presentation Available for Download

You can now download both the pdf versions of the NOGLSTP notes and PowerPoint slides and audio from the Fall 2007 NOGLSTP Out and Equal Workshop entitled: "Security Clearance Issues: Special Concerns for LGBT Scientists, Engineers, and High-Technology Professionals" at the Out and Equal Workplace Summit Archives: <http://www.outandequal.org/summit/2007/Workshops/default.asp>

### ABOUT NOGLSTP

NOGLSTP is a national organization 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 our 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. NOGLSTP is a non-profit educational organization under IRS section 501(c)(3) (TIN # 95-4358685), and is incorporated in the State of California. NOGLSTP is an affiliate of the American Association for the Advancement of Science, a participating professional society in the MentorNet® Affiliated Partners Plus program, a sustaining member of the National Postdoctoral Association, an endorsing society of National Engineers Week, and a Founding Partner of the Engineers Week Coalition Diversity Council. 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](http://www.noglstp.org)

#### Board of Directors:

Rochelle Diamond, Chair, Pasadena CA, [chair@noglstp.org](mailto:chair@noglstp.org)  
John Burke, Member at Large, Dallas TX, [john\\_burke@noglstp.org](mailto:john_burke@noglstp.org)  
Danielle Cherniak, Member at Large, Cohoes NY, [danielle\\_cherniak@noglstp.org](mailto:danielle_cherniak@noglstp.org)  
Steven Jacquier, Member at Large, Anchorage AK, [steven\\_jacquier@noglstp.org](mailto:steven_jacquier@noglstp.org)  
Tim Wilson, Member at Large, Debary FL, [tim\\_wilson@noglstp.org](mailto:tim_wilson@noglstp.org)  
NOGLSTP—Chesapeake Region rep: Robert Ryan, [rj.ryan@ngc.com](mailto:rj.ryan@ngc.com)  
Los Angeles Gay and Lesbian Scientists rep: Rochelle Diamond  
LGBT Chemists and Allies rep: Barbara Belmont, [bbelmont@noglstp.org](mailto:bbelmont@noglstp.org)  
Association of Lesbian, Gay, Bisexual and Transgendered Mathematicians rep: George Bradley, [bradley@duq.edu](mailto:bradley@duq.edu)

**Treasurer:** Barbara Belmont, [office@noglstp.org](mailto:office@noglstp.org)

**Mentoring Project Coordinator:** Amy Ross, [aross@noglstp.org](mailto: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 at [noglstp.org](mailto:noglstp.org). Next publication deadline: May 15, 2008. Please acknowledge the *NOGLSTP Bulletin* as your source if you choose to reproduce any of these articles.

