



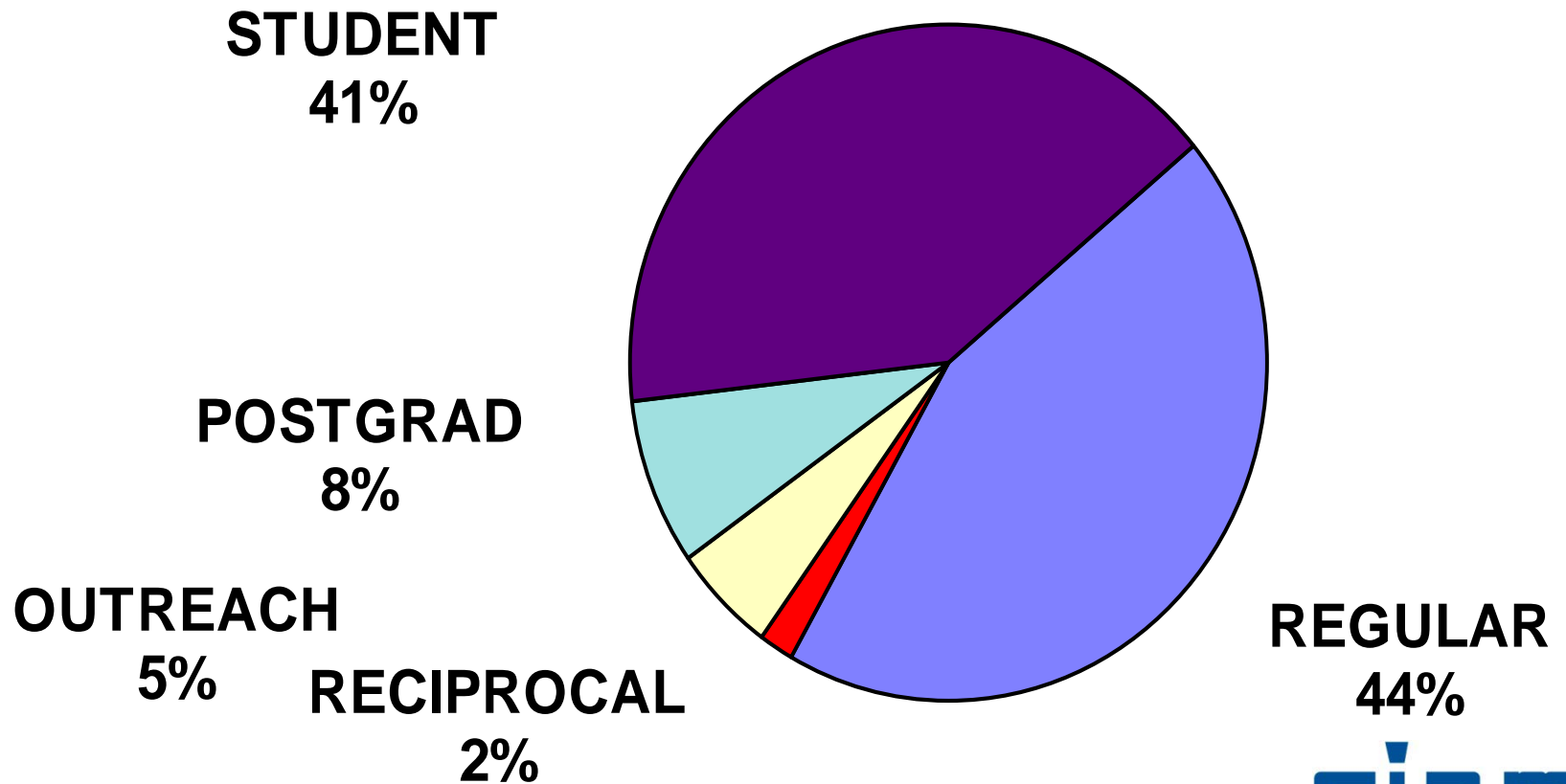
**SIAM ANNUAL
BUSINESS MEETING
July 2013**

Membership

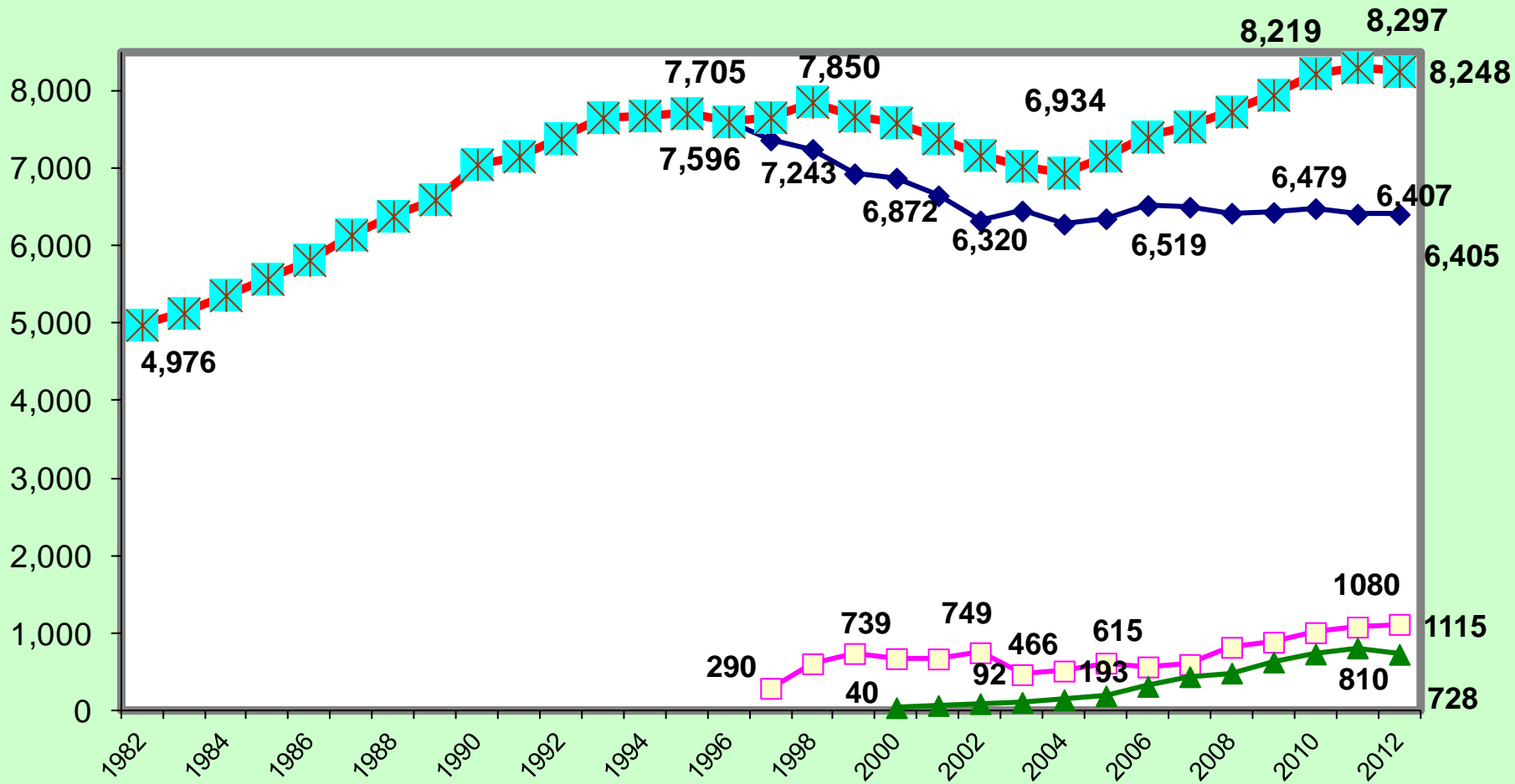
SIAM MEMBERS 12/31/12

TOTAL: 13,916

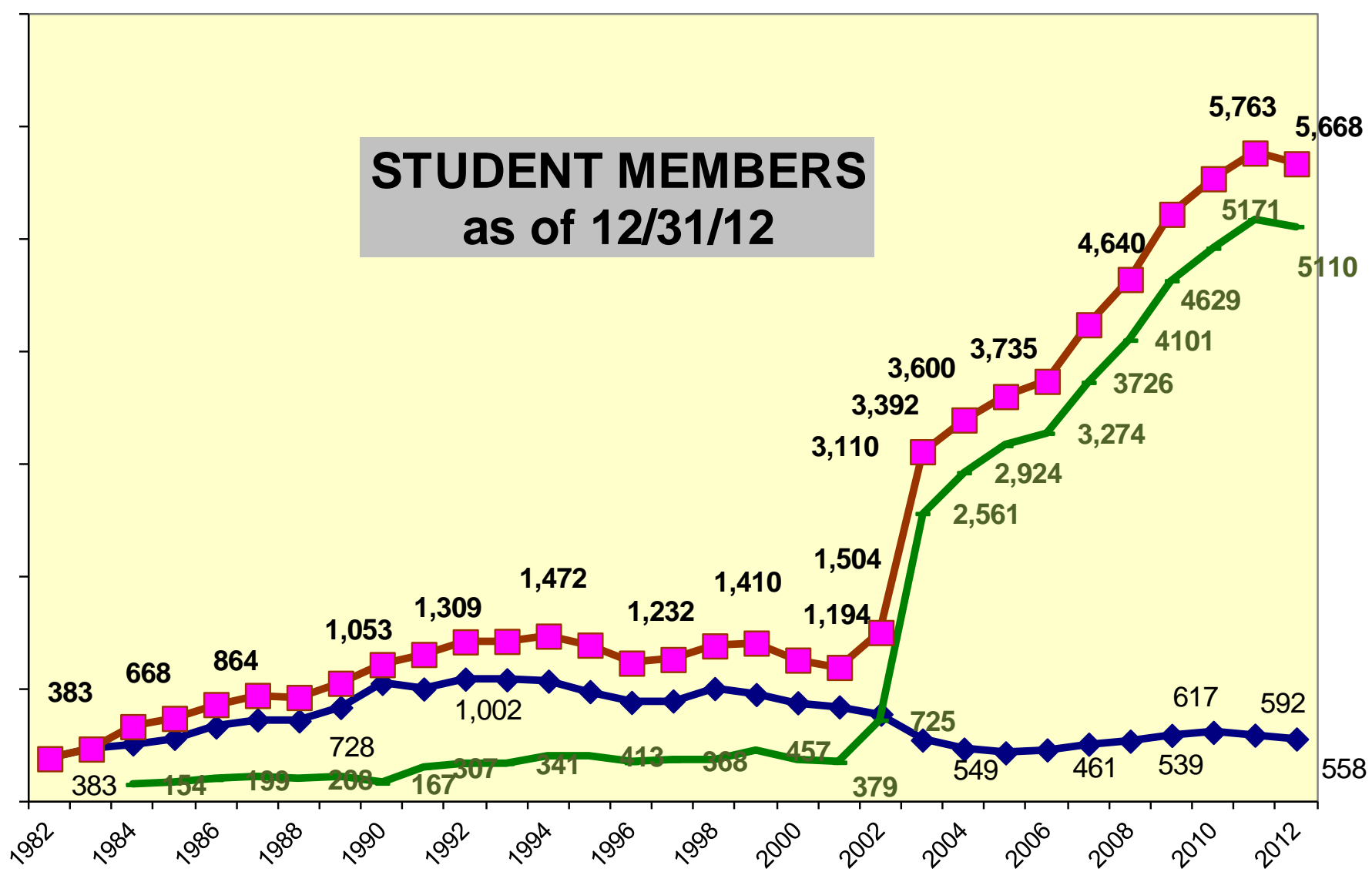
32% reside outside US



MEMBERSHIP EXCLUDING STUDENTS AS OF 12/31/12



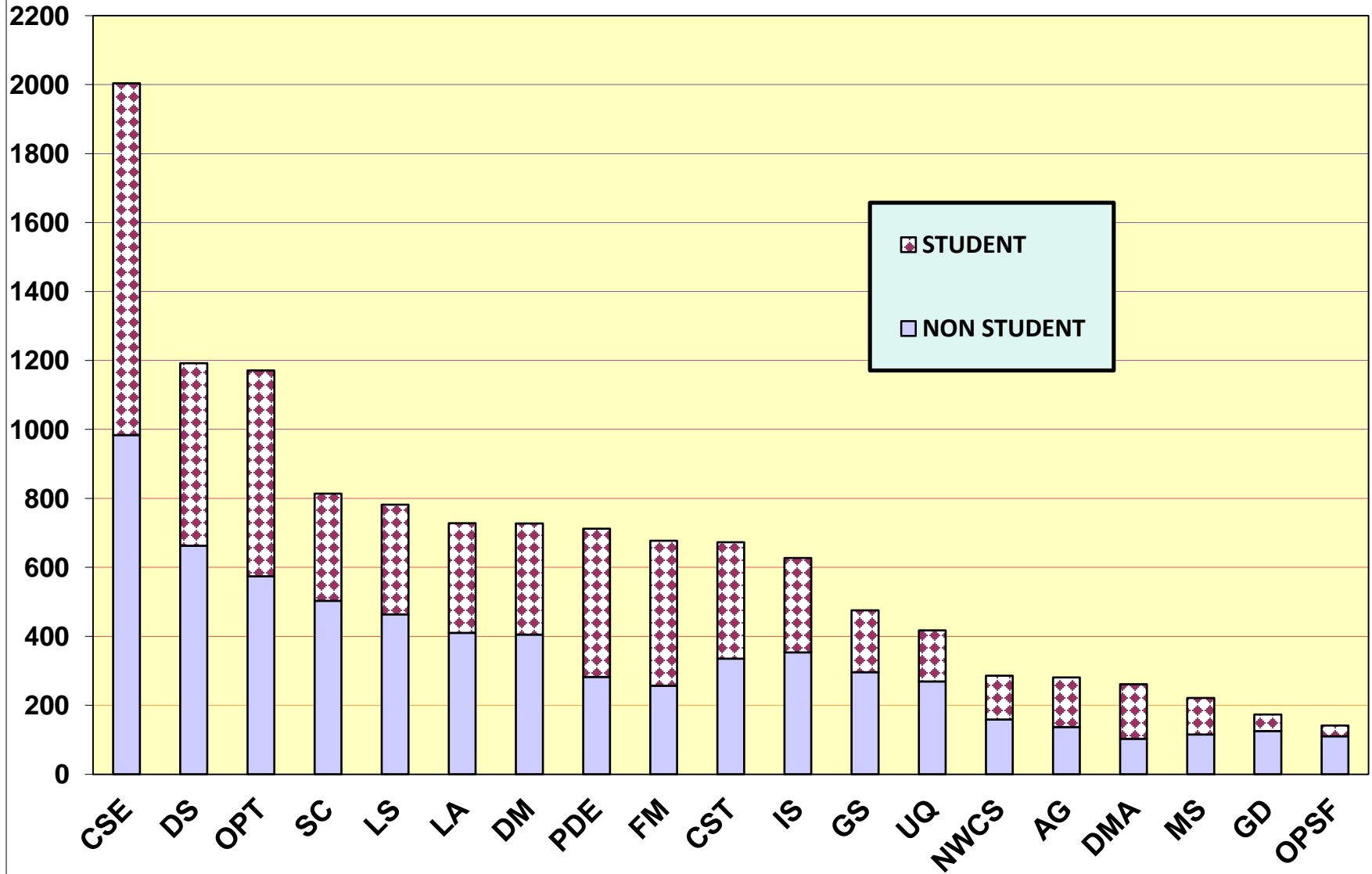
STUDENT MEMBERS as of 12/31/12



12,362 SIAM ACTIVITY GROUP MEMBERSHIPS as of 12/31/12

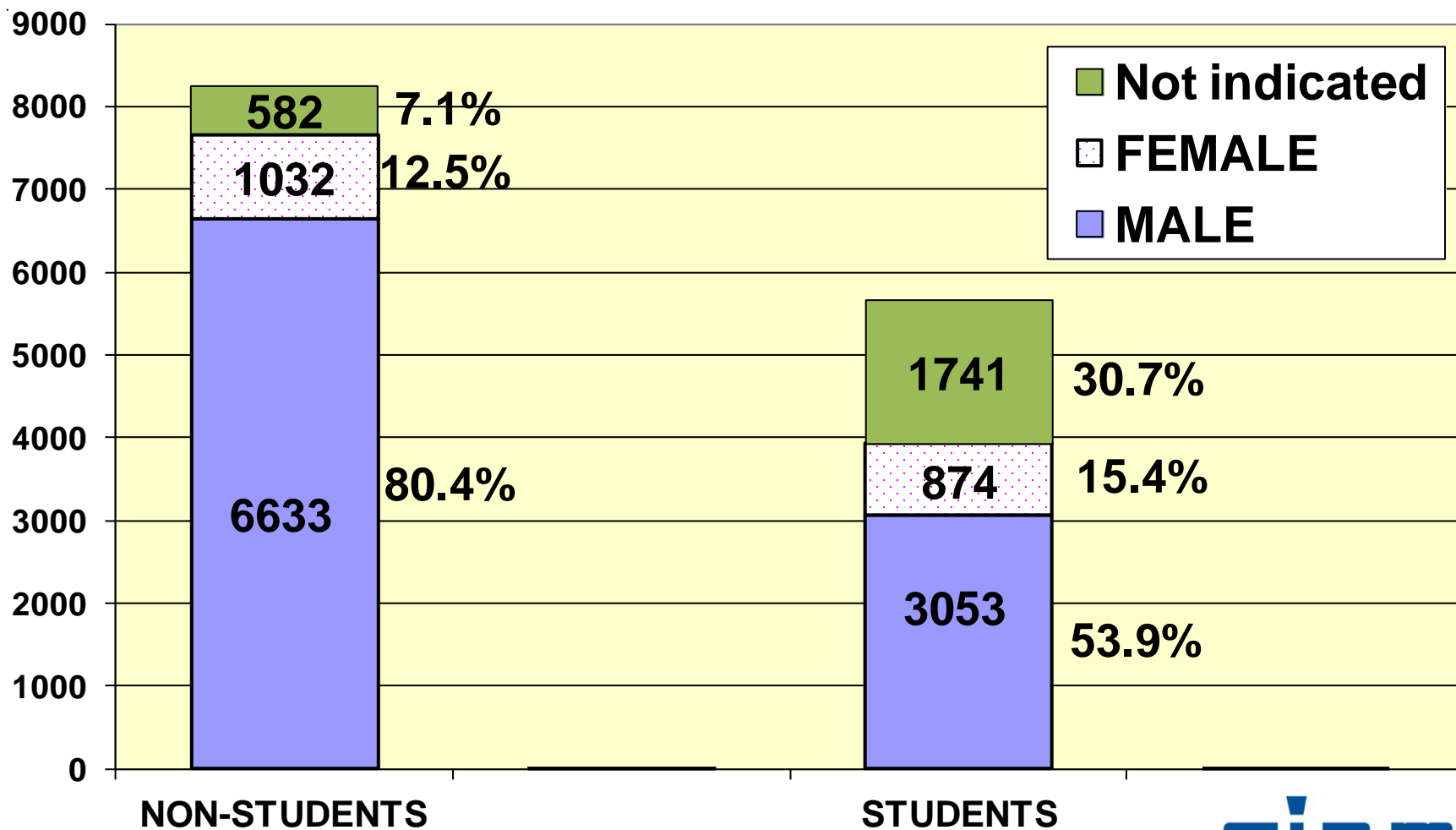
(53% nonstudents, 47% students)

51% of all nonstudents and 47% of all student members belong to 1 or more SIAGs

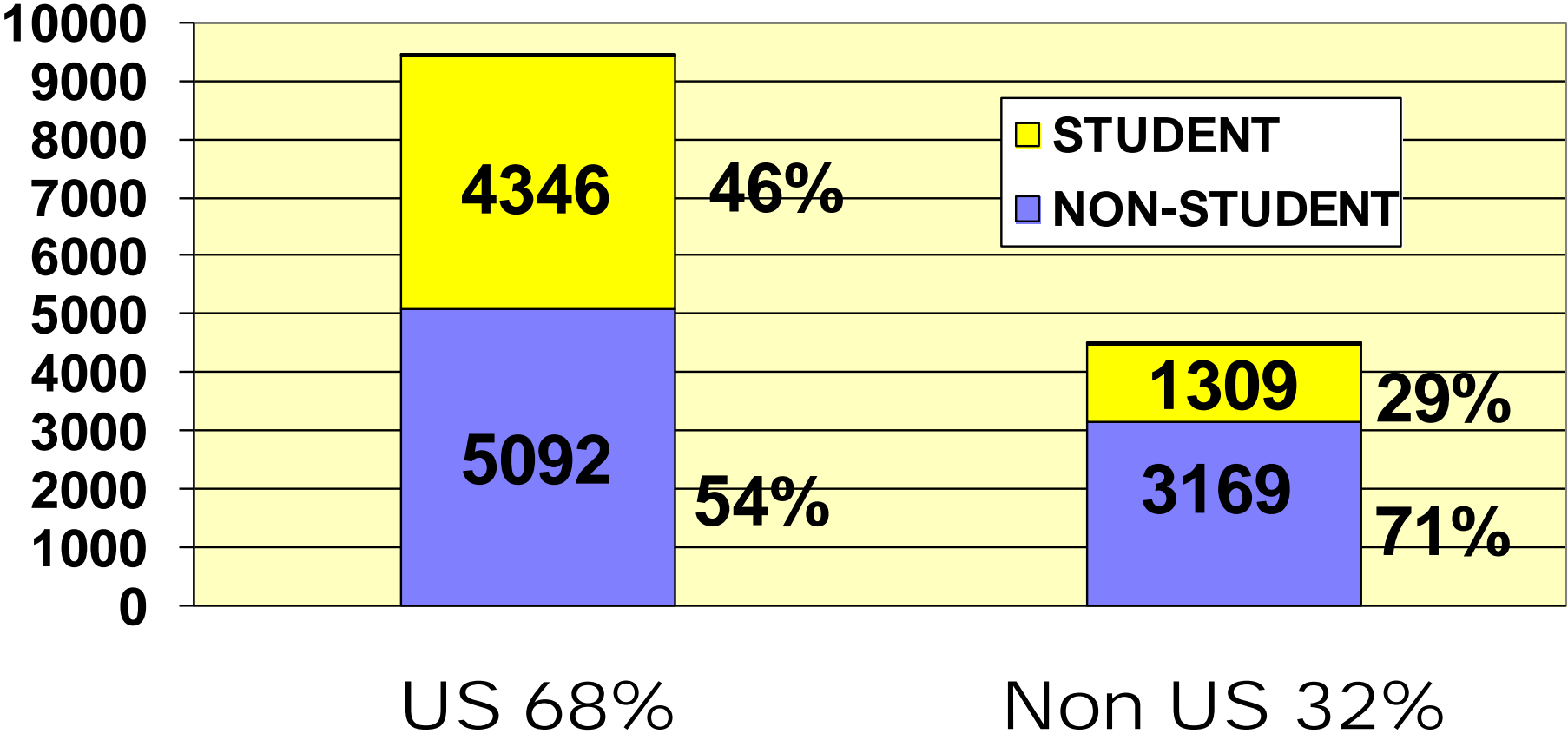


GENDER as of 12/31/12

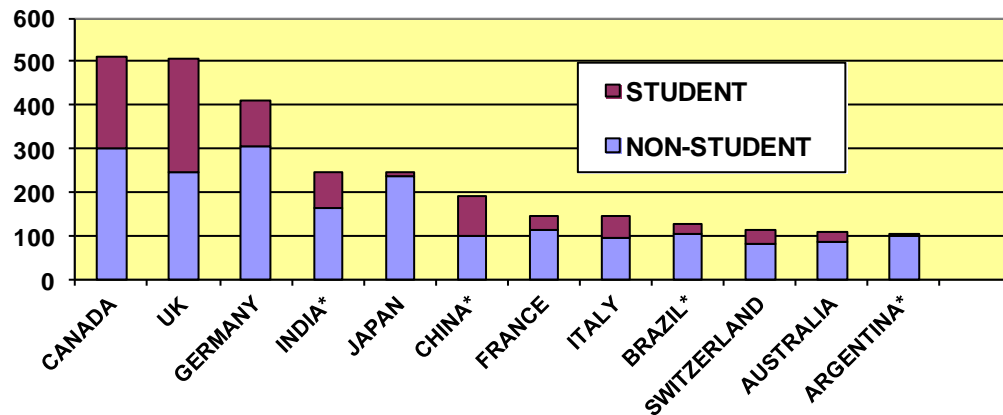
69.6% male 13.7% female 16.7% not indicated



GEOGRAPHY SIAM MEMBERS

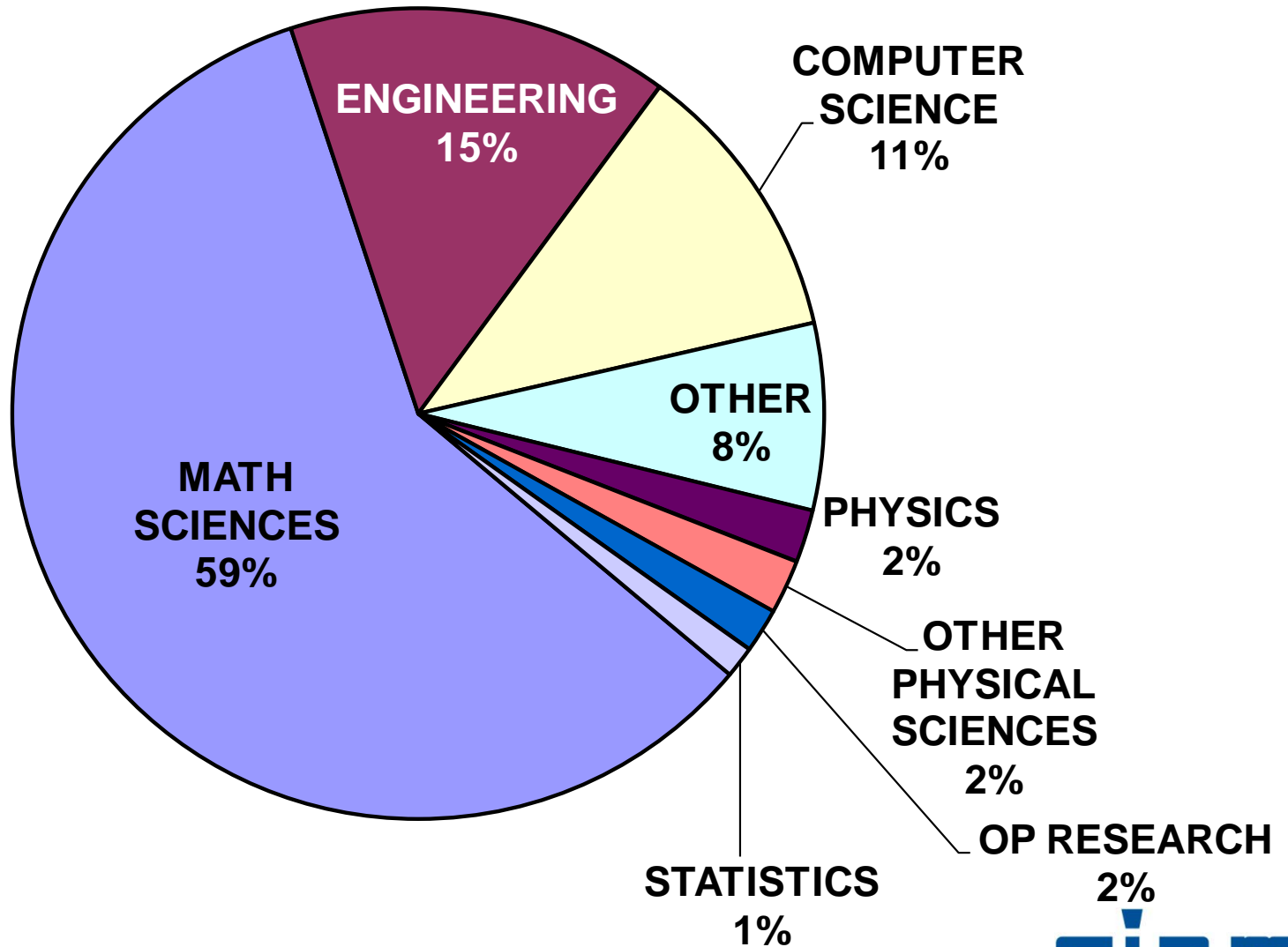


TOP COUNTRIES OF RESIDENCE OF MEMBERS OUTSIDE THE U.S.



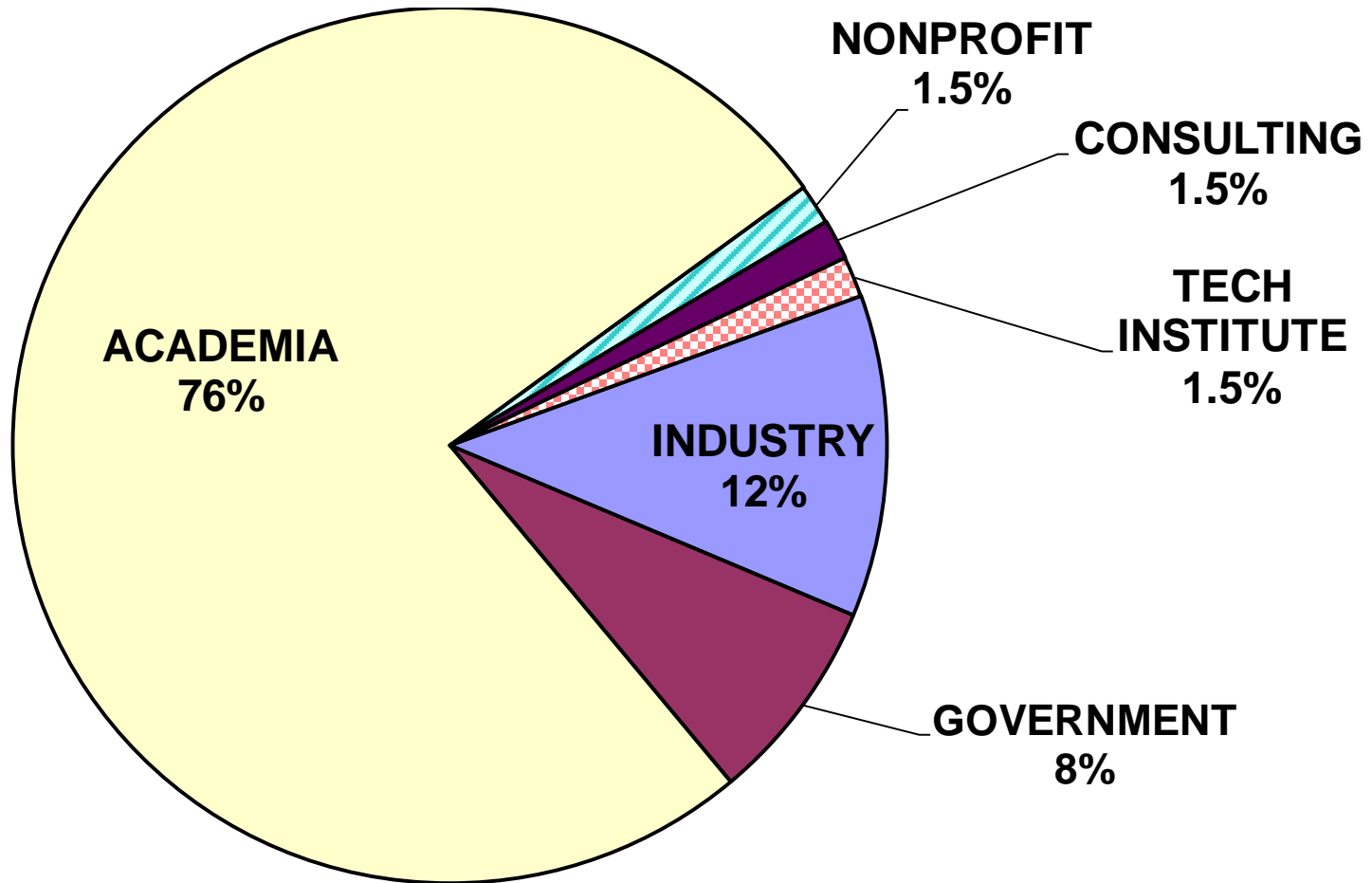
* INDICATES OUTREACH COUNTRY

SIAM DEPARTMENTS



EMPLOYER TYPE

NONSTUDENT MEMBERS ONLY



RECIPROCAL SOCIETIES

- AustMS Australia
- AWM Worldwide
- CAIMS/SCMAI Canada
- EMS Scotland
- GAMM Germany
- IMA UK
- IMU Israel
- JSIAM Japan
- KWG The Netherlands
- SEMA Spain
- SIMAI Italy
- SMAI France

SIAM SECTIONS (geographic)

- The Great Lakes Section (GLSIAM)
- SIAM Southeastern Atlantic Section (SIAM-SEAS)
- Washington-Baltimore Section

- Argentinean Section (AR-SIAM)
- Bulgaria Section (BGSIAM)
- Colombia (COSIAM)
- East Asia Section (EASIAM)
- United Kingdom and Republic of Ireland Section (UKIE SIAM)

105 SIAM STUDENT CHAPTERS (24 outside US)



SIAM STUDENT CHAPTERS

- **FUNDING** – 78 chapters awarded \$37,648 to support 2012-2013 activities
- **INTERACTION** - 55 students representing 44 chapters met with SIAM leadership at AN12

- Randolph E. Bank
- Kaushik Bhattacharya
- Jerry L. Bona
- Oscar P. Bruno
- John A. Burns
- Raymond Honfu Chan
- Andrew R. Conn
- Benoit Couet
- Timothy A. Davis
- Qiang Du
- Michael C. Ferris
- Christodoulos A. Floudas
- Michel X. Goemans
- Andrew V. Goldberg
- Alan Hastings
- Sze-Bi Hsu
- Shi Jin
- David Kinderlehrer
- Edgar Knobloch
- C. David Levermore
- Marc Mangel
- Hans G. Othmer
- Haesun Park
- Robert J. Plemmons
- John Rinzel
- Björn Sandstede
- Guillermo Sapiro
- Michael A. Saunders
- Larry L. Schumaker
- Horst D. Simon
- Peter R. Turner
- Pauline van den Driessche
- James A. Yorke



Do you know someone who has made a significant impact in the fields of applied mathematics or computational science?

The SIAM prize program provides you with an opportunity to recognize deserving people in your field by nominating them for a SIAM prize.

SIAM offers many different kinds of prizes. Some commend lifetime contributions and others acknowledge notable research by early career scientists or students.

Prizes are intended to distinguish individuals for outstanding contributions. And while many of the prizes carry monetary awards, it is the recognition by the mathematical sciences community for both the awardees and their institutions that matters most.

Nominate a deserving individual now for one of the SIAM prizes listed below.



CALL FOR NOMINATIONS: 2013 SIAM Prizes and Awards

SIAM seeks nominations for the following important prizes, which will be awarded at the 2013 SIAM Annual Meeting:

The John von Neumann Lecture

SIAM's flagship prize is awarded for outstanding and distinguished contributions to the field of applied mathematical sciences and for the effective communication of these ideas to the community. The 2013 recipient will join the list of most distinguished John von Neumann Lecturers. SIAM welcomes your suggestions. This prize has a \$5,000 cash award.

AWM/SIAM Sonia Kovalevsky Lecture

Awarded jointly by AWM and SIAM to anyone in the scientific and engineering communities whose work highlights the achievements of women in applied and computational mathematics. The Association for Women in Mathematics (AWM) welcomes nominations.

W. T. and Idalia Reid Prize

The Reid Prize is awarded for research in, or other contributions to, the areas of differential equations and control theory, broadly defined. SIAM welcomes nominations for a single notable achievement or a collection of such achievements. The recipient is requested to deliver the Reid Prize Lecture. This prize has a \$10,000 cash award.

James H. Wilkinson Prize

The James H. Wilkinson Prize in Numerical Analysis and Scientific Computing is awarded to an early-career researcher for research in, or other contributions to, numerical analysis and scientific computing during the six years preceding the award. The recipient is requested to give a lecture. This prize has a \$1,000 cash award.

Ralph E. Kleinman Prize

Awarded to one individual for outstanding research (or other contributions) that bridges the gap between mathematics and applications. Work that uses high-level mathematics and/or invents new mathematical tools to solve applied problems from engineering, science, and technology is particularly appropriate. Each prize may be given either for a single notable achievement or for a collection of such achievements. This prize has a \$5,000 cash award.

SIAM Student Paper Prize

Up to three prizes will be awarded to the student authors of the most outstanding papers submitted. The prizes recognize outstanding scholarship by students in applied mathematics or computing and are based solely on the merit and content of the student's contribution. Recipients will be invited to present their papers. This prize has a \$1,000 cash award per student author.



Prizes to be awarded at other meetings:

SIAM/ACM Prize in CS&E

Awarded in the area of computational science in recognition of outstanding contributions to the development and use of mathematical and computational tools and methods for the solution of science and engineering problems. The prize is intended to recognize either one individual or a group of individuals. The contribution(s) for which the award is made must be publicly available and may belong to any aspect of computational science in its broadest sense. This prize has a \$5,000 cash award.

The prize will be awarded jointly by SIAM and ACM at the SIAM Conference on Computational Science and Engineering (CSE13) in February 2013. Nominations are due by June 1, 2012, for this prize.

Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate Student

Awarded at IMM jointly by SIAM, AMS, and MAA, the Morgan Prize recognizes a student (or students for joint work) from North America for outstanding research in mathematics. This prize has a \$1,200 cash award.

Nominations should be sent to AMS by June 30.

Germund Dahlquist Prize

Awarded to an early-career researcher for original contributions to fields associated with Germund Dahlquist, especially the numerical solution of differential equations and numerical methods for scientific computing. This prize has a \$1,000 cash award.

The prize will be awarded at SciCADE 2013 in September 2013, and the recipient is expected to deliver a lecture at the meeting.

Norbert Wiener Prize

Awarded at Joint Math Meetings (JMM) jointly by SIAM and AMS for an outstanding contribution to applied mathematics in the highest and broadest sense. The prize has a \$5,000 cash award.

Nominations should be sent to the AMS by June 30.

Nominations are due fall 2012, except where noted.
For more information or to submit a nomination, visit:
www.siam.org/prizes/nominations.php



Society for Industrial and Applied Mathematics

3600 Market Street, 6th Floor, Philadelphia, PA 19104-2688 USA • Phone: +1 215 382 9800 • Fax: +1 215 386 7099 • Email: prizes@siam.org • www.siam.org



SIAM PRIZES

- Your inputs are needed, especially women, industry,...
- See <http://www.siam.org/prizes/nominations.php> for open calls
- Cole, von Karman, DiPrima, Reid, and Polya prizes are all open for nominations.

SIAM CONFERENCES

- 2012 was a successful year for SIAM conferences with over 3,430 attendees at ten SIAM conferences.
 - SODA in Kyoto; Discrete Math in Halifax run by local group with SIAM support.
- Expect closer to 6,000 attendees at SIAM conferences in 2013.
 - CS&E exceeded 1,350 attendees in Boston
 - GeoSciences in Padua, Italy.

CONFERENCES

Other items of note:

- ICIAM 2015 in Beijing August 10-14
 - SIAM will not hold its Annual Meeting that year
- Math Congress of the Americas (MCA) August 2014 in Guanajuato, Mexico

STUDENT TRAVEL FUND

- \$100,000 allocated by SIAM Board in 2012
- Will fund about 133 students in 2013
- Additional students funded through support from the NSF and through donations by SIAM members and by SIAM book authors.

We thank SIAM members and book authors for their generous donations!

EXTERNAL SUPPORT for STUDENT TRAVEL

- We thank NSF for its generous support of student travel which will support about 30 students in 2013.
- In addition, two conferences received generous corporate support for student travel totaling over \$20,000 (23 students); we thank
 - Google (SODA and Data Mining)
 - IBM (SODA and Data Mining)
 - Microsoft (SODA)

SIAM PUBLICATIONS

- SIAM Journal on Uncertainty Quantification (UQ) launched in 2013
- Supplementary Materials approved and launched by several SIAM journals

SIAM Journals Online



SIAM PUBLICATIONS

- Revising journal publication agreements
 - More specific information for authors
- An “open option” for journal articles?
- A few new developments in SIAM books
 - New book series: Financial Mathematics (Jean-Pierre Fouque, EIC)
 - Most SIAM books now available as e-books through Google Play (play.google.com)

OTHER MEDIA

- *SIAM Connect*
 - <http://connect.siam.org/>
- *SIAM Presents*
 - Audio recording of conference talks
 - <http://www.siam.org/meetings/presents.php>
- Blogs are coming!

SIAM News

- New Editorial Board launched in 2012
 - Han Kaper, EIC
- Articles now available online when issue is mailed
 - New online format in the works

COMMITTEE ON SCIENCE POLICY (CSP)

- New chair in 2013 is David Levermore
- CSP meets twice in a year in DC
 - Meets with agency representatives
 - Goes to Capitol Hill to talk to Congressional committees, staff.
- Letters on issues important to SIAM
- Sign up for science policy mailing list at http://www.siam.org/about/science/sci_policy_form.php

APPOINTMENTS/ELECTIONS

- Nominating Committee choosing slate for fall elections: President-Elect, VP at Large, Secretary, Board (3), Council (4);
- Committee on Committees and Appointments (Secretary Simon Tavener, chair) filling dozens of committee appointments.

FALL 2013 ELECTION OFFICER CANDIDATES

President

- Rene A. Carmona
- Pam Cook

VP-at-Large

- Michael Shearer
- Daniel B. Szyld

Secretary

- Michele Benzi
- Simon J. Tavener*

Fall 2013 ELECTION BOARD CANDIDATES

- Russel Caflisch
- Carl “Tim” Kelley*
- Robert V. Kohn*
- Randall J. LeVeque
- Danny C. Sorensen
- Philippe L. Toint

FALL 2013 ELECTION COUNCIL CANDIDATES

- Liliana Borcea
- Angelika Bunse-Gerstner*
- Oscar P. Bruno*
- Henry L. Cohn
- Michael A. Heroux
- Felix Otto
- Olivier R. Pironneau
- Guillermo Sapiro

OTHER ITEMS

- PCAST (Engage to Excel) and the community response
 - SIAM CSP formal written response
 - Community briefing to PCAST
- INGenIOuS – NSF-sponsored workshop on workforce issues (AMS, ASA, MAA, SIAM).
- Modeling Across the Curriculum
 - SIAM workshop and report
- SIAM Math in Industry report

OTHER ITEMS (cont'd)

- Collaborations
 - SMAI on Industry
 - ECMI on industrial mathematics

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