

Annual Report of the SIG Governing Board

For the period
1-July-14 through 30-June-15

Submitted by:
Patrick Madden

September 30, 2015

1. Governance

1.1 The SIG Governing Board (SGB)

The SGB is comprised of the chief executive officer or designee of each regular SIG. The SGB is charged with forming SIGs, with managing them and setting policies for their management, and with recommending their dissolution. The SGB elects a Chair, Executive Committee and 3 additional representatives to Council.

1.2 The SGB EC

The SGB elects a Chair and an Executive Committee, which has full authority to act on behalf of the SGB between its meetings. The SGB EC is bound by the SGB's actions and the SGB may override any decision of the SGB EC. The SGB EC is made up of the following positions which were approved following the review and approval of the restructuring task force recommendations:

SGB Chair - Serves as SGB EC Chair, one of the four SIG Representatives on ACM Council, and as the SIG Representative on the ACM Executive Committee. Also responsible for SIG financial and budgetary issues and overseeing SGB committees and task forces.

SGB EC Vice Chair for Operations – Presides over SGB and SGB EC Meetings, including SGB EC conference calls. Oversees SIG Liaisons to ACM Committees and Boards.

SIG Development Advisor –. Identifies emerging technical areas and works with individuals and groups interested in forming SIGs.

SGB Conference Advisor – Oversees developing conference activity to be sponsored by the SGB.

New SIG Advisor – Acts as liaison for newly chartered SIGs and helps to nurture and support new SIG leadership as they develop programs and activities.

SIG Viability Advisor – Oversees transitional SIGs and works with SIGS scheduled for program reviews. Also acts as the SIG election liaison.

SIG Awards Advisor -. Acts as liaison for SIG leaders and Awards Committee and helps SIG leadership with proposals and approval process.

Publications Advisor – Acts as liaison between SGB and Publications Board and oversees issues related to publications as directed by the SGB

SGB Past Chair- Provides guidance and advice to the SGB EC and chairs the SGB EC nominating committee.

Director of SIG Services – Staff liaison

During FY'15 the following individuals held the positions indicated:

Name	Position	Term End
Patrick Madden	Chair	July 1, 2016
Erik Altman	Past Chair	July 1, 2016
Will Tracz	SIG Viability Advisor	July 1, 2015
Pradip Bose	SIG Development Advisor	July 1, 2015
Charles Clarke	New SIG Advisor	July 1, 2015
Renee Mccauley	SGB EC Vice Chair for Operations	July 1, 2016
G Scott Owen	SGB Conference Advisor	July 1, 2016
Donald Kossmann	SIG Awards Advisor	July 1, 2016

Yannis Ioannidis
Donna Cappo

Publications Advisor
Staff Liaison

July 1, 2016

1.3 Council Representatives

The SGB elects 3 representatives to the ACM council for two-year terms.

During FY'15 the following individuals held the ACM Council positions indicated:

Name	Position	Term End
Patrick Madden	SGB Chair	July 1, 2016
Paul Beame	SGB Representative	July 1, 2016
Barbara Boucher Owens	SGB Representative	July 1, 2016
David Wood	SGB Representative	July 1, 2015

1.4 Standing Committees

The SGB is responsible for the oversight of the Federated Computing Research Conference Steering Committee currently chaired by Dean Tullsen. Past Chairs Barbara Ryder and Daniel Menasce also serve on this committee.

1.5 Significant SGB actions

CSTA – Lissa Clayborn, acting Executive Director of the Computer Science Teachers Association thanked the board for the funding of 60K for the chapter mini-grant project, which resulted in an increase of 27 new members. Funds were allocated to CSTA chapters with the most worthwhile ideas on how to perform leadership advocacy training, and professional development for chapter members, promote CSTA chapters as leaders in K-12 CS Education and build community in the process. Grants have been used in a variety of ways including community workshops, conferences, the creation of a website, a CS awareness campaign and resource development.

Publications – The publications board announced a policy that an in coop conference published by another organization may not have its content archived in the DL. To be archived in the DL, an in-cooperation event must be published through ICPS. In-cooperation events published by another organization can be exposed in the DL (aggregations, groupings, classifications, analytics, etc) with links to the publisher's website. SIGs may decide on cooperating status as well as DL exposition. In addition, high-quality content of an important nature can be hosted in the DL if vetting is performed by the publications board.

"Open TOCs" began as a three year experiment. First, with "open-surround" that allowed the content of the conference to be freely available for a month around the conference dates, served from the DL. Then open TOC which is hosted on either the SIG or conference web page, utilizing authorizer links leading to the original record of the conference version of the paper in the DL. Taking all data into consideration since the experiment began, the pubs board has offered to make open TOCs available indefinitely, not just for one year but for the entire life of the SIG or ACM. This is totally by choice for each SIG; links can be taken down if they are not wanted.

During the 2 SGB meetings held this year, Konstan presented several highlights of pubs board surveys sent out to ACM Fellows, another set of ACM volunteers, and a third set of authors with 3-10 published papers in the last 10 years. Questions were posed regarding conference proceedings vs. journal publications, with findings that most people in the SIG community prefer to publish in conferences. They also prefer to stay abreast of their field through conference papers. Konstan said that although journals may be thought of as having higher quality reviewing, conference papers have more impact.

Task Force on Journals-Conferences – The publications board created a Task Force on Journals-Conferences, participants included representatives of SIGs that have been most active in the dialog in this area. They found that ACM conference publications are considered high quality, by the standards of journals in other fields that are journal-centric. The committee encouraged continued collaboration agreements with Transactions (journal first and journal-integrated models). They also recommended creating a new brand: “Proceedings of the ACM” that would consist of a line of top-quality conference proceedings journals. The committee strongly felt there should be a mechanism for direct submission without presenting at a conference. The pubs board also suggested there might be a model in which a journal series is driven and run by the SIGs. The board is seeking feedback from SIGs on the criteria for selection, the options for direct submission and the best management structure.

Task Force on Retiree Policy - SIGEVO Chair and Task Force Committee Chair Wolfgang Banzhaf put forth a motion on behalf of the Committee that would require SIGs to give retired members the same registration rates offered to students at conferences. The motion did not advance. The SGB EC discussed further and determined that offering retiree rates should remain the decision of the conference committee. ACM will modify the TMRF so include a line for retiree rates for those that wish to incorporate this into their conference budgets.

Task Force on ACM SIG Structure – This task force was charged with recommending changes that simplify, strengthen and empower the SIG communities; and addressing how ACM Technical Communities and their activities can achieve greater coherence and maintain a more consistent level of quality. The Task Force issued a report in April 2014 with suggested changes to the SIG structure. The model proposed consisted of three different types of SIGs. Based on several contingencies, the proposal was subsequently endorsed by the SGB-EC and issued to the SGB for comments and opinions. The task force action was completed and the SGB EC charted a 2nd task force to continue looking at the issues.

History Committee – Tao Xie, SGB Liaison to the ACM History Committee presented the SGB with an update during the March meeting. The committee held an archiving workshop to help members of the community document and disseminate professional policies and practices about archiving computer history to ACM membership. He announced to the SGB that the History Committee website has very detailed information including an archiving guide and toolkit.

SIG Proposals

N/A

1.6 Miscellaneous Appointments

SIG leaders appointed as committee liaisons:

Name	Position	Term End
Yannis Ioannidis	Publications Board Liaison	January 1, 2017
Dean Tullsen	FCRC Steering Comm. Chair	July 1, 2015
Tao Xie	History Committee Liaison	July 1, 2015
Flo Appel	USACM Liaison	July 1, 2016
Jeanna Matthews	USACM Liaison	July 1, 2015
Pradip Bose	Distinguished Speaker Comm Liaison	July 1, 2016

1.7 SGB Nominating Committee

The SGB Nominating Committee nominates candidates for the SGB EC, in addition to nominating candidates for SGB Chair and SGB Representatives to ACM Council. The nominating committee:

Name	Position	Term End
Erik Altman	Past SGB Chair	July 1, 2016
Patrick Madden	SGB Chair	July 1, 2016
Donna Cappel	Staff Liaison	

2. SIGs and SIG Membership

Appendix A summarizes basic SIG Statistics for FY'15. Included are member and subscriber totals, newsletter and proceedings activity, and conference involvement.

2.1 Membership Counts by class of membership:

	FY'13	FY'14	FY'15
ACM/SIG Members	30,102	28,189	25,810
SIG Only Members	9,829	9,371	9,375
Subscribers	923	780	612
Total SIG Memb/Subs	40,854	38,340	35,797
Total ACM Members	111,176	111,670	117,842

The SIGs overall member/subscriber count is 35,797 as compared to 38,340 in FY'14.

2.2 Membership Renewal Rates

Membership renewal rates are indicators of several realities, including 1) the degree to which members are satisfied with the services they are receiving as a result of membership and 2) the rate at which individuals are leaving the technical specialty. Here are the SIGs with the highest retention rates:

Ada	86.27	GRAPH	55.04
MICRO	85.57	CSE	56.64
DA	84.38	eCOM	58.47
SAM	78.48	WEB	58.64

3. New SIG Formation and Dissolution

No SIGs were formed or dissolved during this fiscal year.

4. SIG Program Reviews and Annual Reports

4.1 Program Reviews

Every 4 years the SIG Chairs are required to provide a short presentation including a question and answer period during the SIG Chairs meeting. This presentation is intended to show that the SIG is viable and meeting its mission. The endorsement from the SGB to continue the SIG's status is based on a growing or stable membership, solid finances, healthy conferences, and publications or other member benefits being delivered and well received by members.

The SGB conducted 11 full program reviews during the year. SIGARCH, SIGBED, SIGCHI, SIGCOMM, SIGIR, SIGITE, SIGMETRICS, SIGPLAN and SIGSPATIAL were deemed viable for 4 years under

existing criteria.

SIGDOC was deemed viable for the next two years. The SGB-EC commends the progress it has made since its last review and recommended that it continue to evaluate its focus and think about how to position itself as a community.

SIGMIS was deemed viable for the next two years. The SGB-EC was concerned about volunteer development, conference acceptance rate and conference attendance. The EC recommended that SIGMIS determine how to improve in these areas.

4.2 Annual Reports

5.0 SIG Technical Highlights

The strength of the SIGs lies in their technical excellence. Once again we have seen a continued growth in conferences, improvements in publications, innovations in many areas, expansion of the awards program, increased attention to educational activities and increased cooperative efforts among the SIGs. The following excerpts from the FY'15 SIG Annual Reports detail only some of the outstanding activities going on in the SIG Community. I urge you to review the individual SIG Annual reports, which can be found in Appendix D.

5.1 Electronic Community

ASSETS 2014, sponsored by SIGACCESS, was held in Rochester, New York, USA. An important innovation at the event was a successful experiment with the use of Beam telepresence robots to enable attendance by two remote participants with disabilities, who would not otherwise have been able to attend. They participated in conference sessions, asked questions, and socialized during breaks. SIGACCESS plans to explore how telepresence attendance could be managed as an accessibility accommodation for future conferences.

SIGHPC hosted an ACM webinar. Salman Habib's "Extreme Scaling and Performance across Diverse Architecture" was well received with nearly 2200 registrants, of whom 564 attended live. 392 registrants later attended via on-demand, and the webinar was viewed 450 times on YouTube.

SIGSIM began its Digest Picture Blog in August 2014. It contains modeling and simulation related news and pictures.

SIGUCCS offers professional development webinars to members. During the past year 6 different webinars were held with a total attendance of approximately 300. Recordings of all are available on the SIGUCCS website.

5.2 Publications

SIGAI launched a new quarterly newsletter, "AI Matters" in August of 2014. It features articles of general interest to the AI community.

SIGCAS brought aboard a new editorial team for its newsletter, ACM SIGCAS Computers and Society. Along with SIG leadership, the editors have a new vision for the newsletter. Beginning with the first issue of 2016, it will become more of an annotated news aggregator.

SIGMETRICS completed its initiative and final approval was given for its proposal of a new journal, ACM Transactions on Modeling and Performance Evaluation of Computing Systems (ACM ToMPECS).

This year SIGMOBILE introduced GetMobile, a complete redesign of its newsletter Mobile Computing and Communication Review. It consists of regular sections as well as articles addressing topics of broad interest. It serves as an attractive vehicle for mobile researchers to keep abreast of developments of interest to the broad community, and as an outlet for the publication of impactful contributions that may not be appropriate for conferences or archival journals.

The SIGMOD Record continues to be a high-quality quarterly newsletter and its coverage has been growing. Over the past years, several columns were added (influential papers, database principles, systems and prototypes, and standards). A special issue is planned for the future called "Research Highlights". The first instance is expected to appear in 2016 with summaries of the best papers of SIGMOD 2015, PODS 2015, and VLDB 2015.

In 2014, SIGSPATIAL revamped the structure of the "SIGSPATIAL Special" Newsletter which is published three times a year in March, July, and November. Starting from July 2014, each issue has become a special issue covering one evolving topic of interest to the research community.

5.3 Technical Meetings

STOC 2015, sponsored by SIGACT, was held as part of the Federated Computing Research Conference (FCRC) in Portland, OR. László Babai gave the Knuth Prize lecture.

ISCA 2015, co-sponsored by SIGARCH, was held in Portland, OR as part of ACM FCRC. To address emerging areas of Computer Architecture, it included tutorials on accelerating Big Data computations, exploitation of emerging accelerators, and virtualization. Additionally, it held workshops on architectures for Big Data, Machine learning, Cloud Computing, security and privacy, reconfigurable logic, and mobile platforms.

The 16th ACM Conference on Electronic Commerce (EC'15) sponsored by SIGecom was held June 15-19, 2015 in Portland, OR, as part of FCRC. Over 190 people attended, and the conference attracted 220 submissions

SIGITE sponsored the 15th Annual Conference on Information Technology Education, co-located with the 3rd Annual Conference on Research in Information Technology, October 15-18. It was hosted by Southern Polytechnic State University and held in Atlanta, GA.

The Federated Logic Conference was held as part of the Vienna Summer of Logic in 2014, where the formation of SIGLOG was announced at a special launch event.

The ACM International Conference on Multimedia was held in Orlando, FL in 2014. One goal of SIGMM's flagship event was to reflect the current and emerging research directions in the multimedia field. Two keynote talks were presented "Bing, the Fastest Growing Image Search Engine" and "Affective Media and Wearables."

5.4 Professional Recognition/Awards

Sponsors

Award

Awardee

ACCESS	SIGACCESS Best Paper Award	Charles Fage, Léonard Pommereau, Charles Consel, Émilie Balland, and H��l��ne Sauz��on.
	SIGACCESS Best Student Paper Award	Catherine M. Baker, Lauren R. Milne, Jeffrey Scofield, Cynthia L. Bennett, and Richard E. Ladner
	SIGACCESS Outstanding Contribution to Computing and Accessibility Award	Vicki L. Hanson
ACT	Distinguished Service Prize	Avi Wigderson
	Godel Prize (with EATCS)	Daniel A. Spielman and Shang-Hua Teng
	Danny Lewin Best Student Paper Award	Aviad Rubinfeld
	Edsger W. Dijkstra Prize in Distributed Computing (with SIGOPS)	Michael Ben-Or; Michael O. Rabin
	Knuth Prize	L��szl�� Babai
Ada	SIGAda Outstanding Ada Community Contribution	Carl Brandon
	SIGAda Distinguished Service Award	Dirk Craeynest
AI	Autonomous Agents Research Award	Catherine Pelachaud
SIGAPP	Distinguished Service Award	Jim Hong
ARCH	Eckert-Mauchly Award (co-sponsored with IEEE CS)	Norm Jouppi
	Maurice Wilkes Award	Christos Kozyrakis
	Influential ISCA Paper	David Brooks, Vivek Tiwari, and Margaret Martonos
	ASPLOS Influential Paper	Chang Liu, Austin Harris, Martin Maas, Michael Hicks, Mohit Tiwari, and Elaine Shi
BED	SIGBED-EMSOFT Best Paper Award	Aditya Zutshi, Sriram Sankaranarayanan, Jyotirmoy V. Deshmukh, and James Kapinski.
	SIGBED Paul Caspi Memorial Dissertation Award	Arjun Radhakrishna
BIO	Best Paper	Pawe� G��recki, Jaros�law Paszek, and

	Best Student Paper	Oliver Eulenstein Zhiyong Wang, Jinbo Xu and Xinghua Shi
CHI	CHI Lifetime Practice Award CHI Lifetime Research Award CHI Lifetime Service Award CHI Social Impact Award CHI Academy	Susan M. Dray Jim Hollan Michel Beaudouin-Lafon and Jean Scholtz Leysia Palen Stephen Brewster, Andy Cockburn, Anind Dey, Ernest Edmonds, Scott MacKenzie, Sharon Oviatt, Catherine Plaisant and Bill Verplank,
COMM	SIGCOMM Lifetime Achievement Award SIGCOMM Rising Star Award SIGCOMM Test-of-Time Paper Award SIGCOMM Best PhD Thesis Award	Albert Greenberg Aditya Akella Albert Greenberg, Gisli Hjalmytsson, David A. Maltz, Andy Myers, Jennifer Rexford, Geoffrey Xie, Hong Yan, Jibin Zhan, and Hui Zhang; Guido Appenzeller, Isaac Keslassy, and Nick McKeown Keith Winstein
CSE	SIGCSE Award for Outstanding Contributions to Computer Science Education The SIGCSE Lifetime Service Award	Mark Allen Weiss Frank Young
DA	ACM Outstanding Ph.D. Dissertation Award in EDA SIGDA Outstanding New Faculty Award ACM/IEEE A. R. Newton Award ACM SIGDA/IEEE CEDA William J. McCalla ICCAD Best Paper Award	Wenchao L Muhammad Shafique Blaise Gassend, Dwaine Clarke, Marten van Dijk, and Srinivas Devadas Ping Chi, Cong Xu, Yuan Xie, Tao Zhng, and Xiangyu Dong,

SIGDOC	SIGDOC Joseph T. Rigo Award	Patricia Sullivan
eCOM	SIGeCOM Best Paper SIGeCOM Best Student Paper SIGeCOM Doctoral Dissertation Award SIGeCOM Test of Time Award	D. Nekipelov, V. Syrgkanis and E. Tardos T. Roughgarden and I. Talgam-Cohen S. Matthew Weinberg E. J. Friedman and P. Resnick
EVO	SIGEVO GECCO Impact Paper Award	G. Canfora, M. Di Penta, R. Esposito, M.L. Villani
GRAPH	SIGGRAPH Computer Graphics Achievement Award SIGGRAPH Significant New Researcher Award SIGGRAPH Distinguished Artist Award for Lifetime Achievement in Digital Art SIGGRAPH Outstanding Service Award	Thomas Funkhouser Noah Snavely Harold Cohen Scott Lang
IR	SIGIR Best Paper Award SIGIR Best Student Paper Award Vannevar Bush Award (with SIGWEB)	Giuseppe Ottaviano and Rossano Dmitry Lagun, Chih-Hung Hsieh, Dale Webster, and Vidhya Navalpakkam Chuck Cartledge and Michael Nelson
KDD	SIGKDD Doctoral Dissertation Award SIGKDD Innovation Award SIGKDD Service Award	Gunhee Kim Pedro Domingos Ted Senator
METRICS	SIGMETRICS Achievement Award SIGMETRICS Rising Star Researcher Award Kenneth C. Sevcik Outstanding Student Paper Award SIGMETRICS Test-of-Time Paper Award	Bruce Hajek Jinwoo Shin Ting He, Chang Liu, Ananthram Swami, Don Towsley, Theodoros Salonidis, Andrei Iu. Bejan, Paul Yu Andrew W. Moore and Denis Zuev
SIGMICRO	SIGMICRO Distinguished Service Award	Kemal Ebcioglu
SIGMIS	Magid Igbaria Outstanding Conference Paper Award	Tenace Setor, Damien Joseph, and Shirish C. Srivastava,

SIGMOBILE	SIGMOBILE Outstanding Contributions Award	Leonard Kleinrock
	MobiSys Best Paper Award	Mark Gordon, David Ke Hong, Peter Chen, Jason Flinn, Scott Mahlke and Z. Morley Mao; Kyungmin Lee, David Chu, Eduardo Cuervo, Johannes Kopf, Yury Degtyarev, Sergey Grizan, Alec Wolman and Jason Flinn
	MobiCom Best Paper Award	Lei Yang, Yekui Chen, Xiang-Yang Li Chaowei Xiao, Mo Li and Yunhao Liu
	MobiHoc Best Paper Award	Cheng Wang, Shaojie Tang, Lei Yang, Yi Guo, Fan Li, and Changjun Jiang
MM	SIGMM Award for Outstanding Technical Contributions	Klara Nahrstedt
	SIGMM Award for Outstanding PhD Thesis	Zhigang Ma
	SIGMM Rising Star Award	Meng Wang
MOD	SIGMOD Contributions Award	Curtis Dyreson
	SIGMOD Edgar F. Codd Innovations Award	Laura Haas
	Alberto Mendelzon Test of Time Award	Michael Benedikt, Wenfei Fan and Floris Geerts.
	SIGMOD Jim Gray Doctoral Dissertation Award	Alexander Thomson
	SIGMOD Test of Time Award	Lei Chen, Tamer Özsu, and Vincent Oria
	SIGMOD Systems Award	Larry Rowe
OPS	Mark Weiser Award	Eddie Kohler
	Edsger W. Dijkstra Prize in Distributed Computing	Kanianthra Mani Chandy and Leslie Lamport
	ASPLOS Influential Paper Award	Chang Liu, Austin Harris, Martin Maas, Michael Hicks, Mohit Tiwari, and Elaine Shi
	Dennis M. Ritchie Award	Austin Clements
PLAN	ACM SIGPLAN PL Achievement Award	Luca Cardelli
	SIGPLAN Distinguished Service Award	Dan Grossman

	<p>SIGPLAN PL Software Award</p> <p>John C. Reynolds Doctoral Dissertation Award</p> <p>SIGPLAN Robin Milner Young Researcher Award</p> <p>Vlissides Award</p> <p>Most Influential ICFP Paper Award</p> <p>Most Influential OOPSLA Paper Award</p> <p>Most Influential POPL Paper Award</p> <p>Most Influential PLDI Paper Award</p> <p>ASPLOS Influential Paper Award</p>	<p>Z3 Theorem Prover</p> <p>Mark Batty</p> <p>David Walker</p> <p>Christopher Hall</p> <p>Manuel M. T. Chakravarty, Gabriele Keller, and Simon Peyton Jones</p> <p>Gilad Bracha and David Ungar</p> <p>Nate Foster, Michael B. Greenwald, Jonathan T. Moore, Benjamin C. Pierce and Alan Schmitt</p> <p>Chi-Keung Luk, Robert Cohn, Robert Muth, Harish Patil, Artur Klauser, Geoff Lowney, Steven Wallace, Vijay Janapa Reddi, and Kim Hazelwood</p> <p>Chang Liu, Austin Harris, Martin Maas, Michael Hicks, Mohit Tiwari, and Elaine Shi</p>
SAC	<p>SIGSAC Outstanding Contributions Award</p> <p>SIGSAC Outstanding Innovation Award</p>	<p>Elisa Bertino</p> <p>Moti Yung</p>
SAM	<p>ISSAC Distinguished Paper Prize</p> <p>ISSAC Distinguished Student Author Prize</p>	<p>Jean-Guillaume Dumas, Clément Pernet and Ziad Sultan</p> <p>Sébastien Maulat</p>
SOFT	<p>ACM SIGSOFT Distinguished Service Award</p> <p>Outstanding Research Award</p> <p>SIGSOFT Impact Paper Award</p> <p>SIGSOFT Influential Educator Award</p> <p>SIGSOFT Outstanding Doctoral Dissertation Award</p> <p>SIGSOFT/IEEE TCSE ICSE Most Influential Paper Award</p>	<p>Bashar Nuseibeh</p> <p>Carlo Ghezzi</p> <p>James A. Jones, Mary Jean Harrold, John Stasko</p> <p>Barbara Ryder</p> <p>Muath Alkhalaf</p> <p>Thomas Zimmerman, Peter Weisgerber, Stephan Diehl and Andreas Zeller</p>

UCCS	Penny Crane Award for Distinguished Service	Cindy Dooling
WEB	Vannevar Bush Award (with SIGIR) Douglas C. Engelbart Award Theodor Holm Nelson Newcomer Award DocEng Best Paper Award	Chuck Cartledge and Michael Nelson Georges Gouriten, Silviu Maniu, and Pierre Senellart Janette Lehmann, Claudia Muller-Birn, David Laniado, Mounia Lalmas, and Andreas Kaltenbrunner Joshua Hailpern, Niranjana Damera-Venkata and Marina Danilevsky.

5.5 Educational Programs and Special Projects

As part of its “Ada Awareness Initiative,” SIGAda brought its professional booth display to the exhibition floor of the SIGCSE Conference in Kansas City, MO. The booth allows SIGAda to maintain visibility in the community by extending its reach through advocacy and offering expert volunteers to answer questions about Ada.

SIGBIO’s PhD Student Forum was held at the 2014 ACM International Conference on Bioinformatics, Computational Biology, and Biomedical Informatics, in Newport Beach, CA. It featured poster presentations of 33 PhD students from various universities.

SIGCHI currently has 18 CHI Communities ranging in size from 9 to 365 members. Most of these communities have formed a suite of officers for their own governance and elections. This provides a self-renewing mechanism for members to work with each other. The largest Communities form the governing mechanism for several SIGCHI conferences.

The 2015 SIGCSE Symposium held twenty-eight three-hour workshops for professional development. In addition, it provided the meeting space for nine pre-symposium events for educators that included a CRA-W career mentoring workshop. SIGCSE also restarted its Department Chair’s workshop for future or present Department Chairs that was held the day before the SIGCSE Symposium.

In 2014, SIGDOC hosted a Women in Technical Communication breakfast at its annual SIGDOC Conference. Plans have been made to continue in 2015. This project broadens participation in SIGDOC and beyond for women who are focused on the design of communication.

SIGPLAN’s Programming Language Mentoring Workshop (PLMW) is being broadened to be held at ICFP and SPLASH. The 2015 PLMW event at POPL in Mumbai, India, was very successful.

The SIGSAC sponsored ACM Symposium on Access Control Models and Technologies (SACMAT) took place in Vienna, Austria in June. For the first time, a PhD Consortium, which encourages PhD students to obtain feedback about their expected research, was held at SACMAT 15.

5.6 International Activities

2015 marked another successful event for the SIGAPP Sponsored Symposium on Applied Computing which was hosted in April at Salamanca University in Spain. It attracted over 400 attendees from over 50 countries.

SIGBED supported travel for ten students who attended ESWEEK 2014 in New Delhi, India.

The DATE PhD Forum 2015 took place on March 9th, 2015 in Grenoble, France and was associated with the Design Automation and Test in Europe (DATE) Conference and Exhibition. It offered a forum for PhD students to discuss their thesis and research work with people of the design automation and system design community.

GECCO 14, sponsored by SIGevo, was held in Vancouver, Canada and GECCO 15 was held in Madrid Spain. Plans for GECCO 16 are moving forward with a nanoGECCO for children, taking into account the specific insurance requirements, and the use of the ACM anti-harassment policy.

SIGGRAPH 14 returned to Vancouver, Canada. Among its highlights was a keynote speech delivered by the co-founder of the nonprofit "Not Impossible Labs," which uses 3D printers to create prosthetic arms for children wounded in Sudan's decades of warfare.

SIGHPC chartered a new chapter this year in Central Africa.

The SIGIR main conference continues to be the leading conference in the field of Information Retrieval. The thirty-seventh SIGIR Conference was held in Gold Coast, Australia, July 6-11. It received a total of 351 full paper submissions and accepted 70, or 20%.

MICRO-47 was held in December in Cambridge, UK with approximately 300 attendees. The flagship event of SIGMICRO also sponsored a Career Workshop for Women and Minorities in Computer Architecture.

The SIGSAM sponsored ISSAC 15 was held in Bath England where its awards for Distinguished Paper and Distinguished Student Author were given out.

A new SIGSOFT Chapter called iSoft was started in India. Planning for a China Chapter is underway.

Hypertext 2014 (HT 14) sponsored by SIGWEB was held in Santiago, Chile. The SIG supported childcare for the first time at this event.

SIGCSE launched the new iSIGCSE Chapter in Goa India at the ACM India Annual conference held in February, 2015. iSIGCSE also held two workshops that week in India with one in Goa, and another in Pune.

5.7 Collaborative Efforts

In conjunction with representatives of the Association for Information Systems (AIS), SIGMIS has been developing a model curriculum for education in information systems both at the undergraduate and graduate levels. The first public deliverable of the Model Curriculum and Guidelines for Graduate Degree Programs in Information Systems 2016 was released in June of 2015 for review and comments.

SIGAI continues to have an agreement with the International Foundation for Autonomous Agents and Multiagent Systems (IFAAMAS) to continue a special cooperation status regarding the AAMAS conference and the ACM SIGAI Autonomous Agents Research Award indefinitely. The recipient of the award is invited to give a talk at the conference.

For the first time, SIGCOMM cosponsored the ACM Symposium on Software Defined Networking Research (SOSR), along with Open Network Summit, held in Santa Clara in June. Over the past several

years, SDN has gained significant momentum in the research community and the larger networking industry.

SIGDOC 2014 was co-located with the annual conference for the Council for Programs in Technical and Scientific Communication (CPTSC). This collaboration forged a connection with scholars who might not have normally thought of SIGDOC as a place to publish and present. Attendance numbers increased and SIGDOC plans on reproducing this success by co-locating SIGDOC 2015 with IEEE's ProComm conference in Limerick, Ireland.

SIGCOMM and SIGMOBILE are planning a new initiative to improve interactions with the industry in their field of work. Specifically, the SIGCOMM/SIGMOBILE Industry Day on Wireless Networking is a day-long event with the goal of increasing opportunities for collaboration between industry and academia in the field of wireless networking. The first iteration of this event will be held on November 13 in Santa Clara, CA. It will feature talks from senior industry leaders as well as leading academics from wireless and mobile networking. The day will be divided into sessions focusing on different areas of wireless networking, with each session hosting short talks from academia and industry and discussion sessions.

Appendix A – Membership & Technical Activity
Appendix B – Financial Summary

Summary Appendix C – Conference Summary
Appendix D – Individual SIG Reports