

**Annual Report of the ACM Awards Committee
for the Period
July 1, 2009 - June 30, 2010**

1. BASIC INFORMATION

1.1 List of Award Subcommittee Members and Terms of Office

Calvin C. Gotlieb, Awards Ctte.Co-Chair	4/1/98-6/30/10
James Jay Horning, Awards Ctte. Co-Chair	7/02-6/30/10
Martín Abadi	12/4/07-12/31/11
Hal Abelson	12/03-12/31/09
Frances E. Allen	11/18/08-12/31/14
Rajeev Alur	12/20/06-12/31/09
P. Anandan	11/11/08-12/31/12
Hagit Attiya	9/25/09-12/31/12
Jean-Loup Baer	3/31/08-12/31/10
Melanie Baljko	12/4/09-12/31/13
Reinaldo Bergamaschi	4/27/06-12/31/09
Brian Bershad	12/4/07-12/31/11
Nina Bhatti	
Allan Borodin	4/14/10-12/31/04
Stephen R. Bourne	3/6/06-12/31/10
Eric Brewer	3/05-
Cynthia Brown	7/11/07-12/31/09
Vinton Cerf	11/2/06-12/31/11
Jennifer Chayes	6/26/07-12/31/12
Lori Clarke	8/19/08-12/31/11
Anne Condon	5/26/10-12/31/15
Robb Cutler	4/14/10-12/31/13
James W. Demmel	3/9/06-12/31/09
Thom Dunning	5/12/10-12/31/15
Stuart I. Feldman	9/12/08-12/31/13
Eugene Fiume	4/14/10-12/31/13
Christian Freksa	7/05-
Adele Goldberg	4/25/06-12/31/09-Distinguished Member 5/12/10-12/31/15-Turing
Georg Gottlob	5/12/10-12/31/14
Susan L. Graham	8/16/07-12/31/11
David Gries	12/20/06-12/31/09
William G. Griswold	1/27/09-12/31/10
Richard Hanson	12/4/07-12/31/09
Vicki Hanson	12/20/06-12/31/10
David Harel	1/05-12/31/09
Juris Hartmanis	8/16/07-12/31/12
Monika Henzinger	4/14/10-12/31/13
Daniel Huttenlocher	12/1/06-12/31/12
Stephen Ibaraki	12/5/08-12/31/11
Mary Jane Irwin	9/12/08-12/31/12
Richard Karp	9/21/05-12/31/09
Henry Kautz	12/15/09-12/31/14

Alan Kay	11/2/06-12/31/10
Anne-Marie Kermarrec	8/27/09-12/31/13
Butler Lampson	8/16/07-12/31/11
Robert M. Lefkowitz	4/25/06-12/31/08
Nancy Leveson	12/17/08-12/31/12
Chuang Lin	11/11/08-12/31/13
Barbara Liskov	5/26/10-12/31/15
Burkhard Neidecker-Lutz	5/12/10-12/31/15
Kelly Lyons	7/11/07-12/31/10
Diana Marculescu	12/20/06-12/31/09
Yossi Matias	12/4/07-12/31/10
Kathleen McKeown	3/05-12/31/11
Kathryn McKinley	1/27/09-12/31/11
Kurt Mehlhorn	8/27/07-12/31/10
Avi Mendelson	5/12/10-12/31/15
Bertrand Meyer	5/26/10-12/31/15
John C. Mitchell	9/19/07-12/31/10
Charles Moore	1/5/09-12/31/11
John F. Nolan	4/25/06-12/31/09
Cherri M. Pancake	9/03-12/31/09
David A. Patterson	4/14/10-12/31/12
Ronald Perrott	9/12/08-12/31/12
Prabhakar Raghavan	12/10/09-12/31/14
Brian Randell	10/14/05-12/31/09
Jennifer Rexford	12/20/06-12/31/09
Martin Rinard	12/4/07-12/31/12
Thomas Rodden	1/12/10-12/31/14
Susan Rodger	4/27/06-12/31/09
Mendel Rosenblum	9/25/09-12/31/12
Pat Ryan	6/26/07-12/31/11
Rob Schreiber	1/30/09-12/31/09
Bart Selman	9/22/06-12/31/10
Ravi Sethi	8/27/07-12/31/13
Marc Shapiro	2/5/09-12/31/12
David Shmoys	
R.K. Shyamasundar	5/12/10-12/31/15
Abraham Silberschatz	7/5/07-12/31/11
Horst Simon	5/12/10-12/31/15
Barbara Simons	
Amit Singhal	8/16/07-12/31/09
Larry Smarr	5/12/10-12/31/13
Marc Snir	10/06-12/31/11
Richard Snodgrass	1/22/09-12/31/12
Gurindar Sohi	10/7/07-12/31/10
Michael Stonebraker	12/1/06-12/31/09
Sabine Susstrunk	12/04-
David A. Thomas	4/25/06-12/31/09
Mike Ubell	1/04-
Mateo Valero	12/31/09

Robert Walker	3/9/06-12/31/11
Peter Wegner	6/26/08-12/31/11
Elaine Weyuker	12/4/09-12/31/14
Mary Wheeler	
Telle Whitney	10/06-12/31/11
Alexander Wolf	8/1/07-12/31/11
Andrew C. Yao	8/16/07-12/31/09-ACM-IFA
	9/12/08-12/31/13-Fellows
John Yen	6/26/07-4/7/10
Bryant York	12/22/06-12/31/09

1.2 Purpose of the Committee

The Awards Committee is responsible for the conduct of the currently existing award prizes, fellowships and other symbols of recognition of merit bestowed by ACM as a whole. This includes providing recommendations for appointments to their subcommittees (ACM membership is required and approval is by the ACM Awards Committee Co-Chairs and ACM President), soliciting nominees, selecting winners from among the nominees, and arranging for the formal conferring of the awards, and exploring possibilities of funding awards with outside organizations.

The Committee is further responsible for defining and updating the awards structure of ACM and its units by recommending to Council, when appropriate, the establishment of new programs for the recognition of merit, or the modification or discontinuance of existing ones, with the goal of maintaining a balance among the awards recognizing different kinds of meritorious activities.

All ACM awards must be approved by the ACM Awards Committee. Further approval by ACM Council is required before any proper name may be attached to any such award or prize. This authority may not be delegated. Subunit-wide awards, excluding Named Awards, generally do not require ACM Council approval. The Policies and Guide for establishing an ACM award can be found on: <http://www.acm.org/awards/policies.html>

The Committee will provide advice to subunits of ACM regarding any award programs conducted by them. Subunits engaging in award activities should consult with the Awards Committee concerning the nature and balance among the programs of ACM and its subunits.

The Committee will maintain contact, and as appropriate, exchange information with other professional or technical organizations concerning their awards programs.

1.3 Committee Organization

The Awards Committee is a standing committee of Council, reporting through the President. The ACM Awards Committee consists of the ACM President, the CEO (ex-officio), the Co-Chairs of the Awards Committee, the current chairs of the individual ACM award selection committees, and the ACM SIG Chairs Liaison with the Awards Committee.

A.M. Turing Award

2009 Chair – Alan Kay

2010 Chair – Vinton G. Cerf

ACM's most prestigious technical award is accompanied by a prize of \$250,000. It is given to an individual selected for contributions of a technical nature made to the computing community. The contributions should be of lasting and major technical importance to the computer field. Financial support of the Turing Award is provided by the Intel Corporation and Google, Inc.

2009 Recipient: Charles P. (Chuck) Thacker, Microsoft Fellow, Microsoft Research

For the pioneering design and realization of the first modern personal computer -- the Alto at Xerox PARC -- and seminal inventions and contributions to local area networks (including the Ethernet), multiprocessor workstations, snooping cache coherence protocols, and tablet personal computers.

ACM – Infosys Foundation Award in the Computing Sciences

2009 Chair – Juris Hartmanis 2010 Chair – Susan Graham

The ACM - Infosys Foundation Award in the Computing Sciences was created in August 2007 and recognizes personal contributions by young scientists and system developers to a contemporary innovation that, through its depth, fundamental impact and broad implications, exemplifies the greatest achievements in the discipline. The award carries a prize of \$150,000. Financial support for the award is provided by an endowment from the Infosys Foundation.

2009 Recipient: *Eric A. Brewer, University of California, Berkeley*

For his design and development of highly scalable internet services and innovations in bringing information technology to developing regions.

Distinguished Service Award

2009 Chair – Marc Shapiro 2010 Chair – Anne Condon

Awarded on the basis of value and degree of service to the computing community. The contributions should not be limited to service to the Association, but should include activities in other computer organizations and should emphasize contributions to the computing community at large.

2009 Recipient: *Edward Lazowska, University of Washington*

For more than two decades of wide-ranging and tireless service to the computing community, especially in advocacy at a national level.

Outstanding Contribution to ACM Award

2009 Chair – Vicki Hanson 2010 Chair – Pat Ryan

This award is given to individuals who are selected on the value and degree of service to ACM.

2009 Recipient: *Moshe Y. Vardi, Rice University*

For outstanding leadership in restructuring the Communications of the ACM to be the flagship publication of both the Association and the discipline and in organizing an influential, systematic analysis of outsourcing.

Software System Award

2009-10 Chair – Alexander Wolf

Awarded to an institution or individual(s) recognized for developing a software system that has had a lasting influence, reflected in contributions to concepts, in commercial acceptance, or both. The Software System Award carries a prize of \$35,000 which is provided by IBM.

2009 Recipients:

Mendel Rosenblum, Stanford University

Edward Wang

Edouard Bugnion, Cisco

Jeremy Sugerman, Stanford University

Scott Devine, VMware

For VMware Workstation 1.0, bringing virtualization technology to the Linux desktop, and creating a vibrant industry and research area around the technology.

Grace Murray Hopper Award

2009 Chair – Kelly Lyons 2010 Chair – Martín Abadi

Awarded to the outstanding young computer professional of the year, selected on the basis of a single recent major technical or service contribution and includes a prize of \$35,000. Financial support of

the award is provided by Google Inc. The candidate must have been 35 years or age or less at the time the qualifying contribution was made.

2009 Recipient: *Tim Roughgarden, Stanford University*

For his research combining computer science and game theory to analyze network routing among self-interested parties.

Karl V. Karlstrom Outstanding Educator Award

2009 Chair – Nancy Leveson 2009 Chair – Elaine Weyuker

Awarded annually to an outstanding educator who: is appointed to a recognized educational baccalaureate institution; is recognized for advancing new teaching methodologies, or effecting new curriculum development or expansion in computer science and engineering; or who is making a significant contribution to the educational mission of the ACM. Those who have been teaching for ten years or less will be given special consideration. A prize of \$5,000 is supplied by the Pearson Prentice-Hall Publishing Company.

2009 Recipient: *Matthias Felleisen, Northeastern University*

For his visionary and long-term contributions to K-12 outreach programs, innovative textbooks, and pedagogically motivated software.

Paris Kanellakis Theory and Practice Award

2009 Chair – Yossi Matias 2010 Chair – Peter Wegner

The Kanellakis award honors specific theoretical accomplishments that have had a significant and demonstrable effect on the practice of computing. This award is accompanied by a prize of \$10,000 and is endowed by contributions from the Kanellakis family, and financial support which has been provided by ACM's SIGACT, SIGDA, SIGMOD, SIGPLAN, the SIG Project Fund, and individual contributions.

2009 Recipients: *Mihir Bellare, University of California, San Diego*
Phillip Rogaway, University of California, Davis

For their development of the field of Practice-Oriented Provable-Security and its widespread impact on the theory and practice of cryptography and security.

Doctoral Dissertation Award

2009 Chair – Bart Selman 2010 Chair – Brian Bershad

Presented annually to the author(s) of the best doctoral dissertation(s) in computer science and engineering and is accompanied by a prize of \$20,000, and \$10,000 for the Honorable Mention winner. Financial sponsorship of the award is provided by Google, Inc. The winning dissertation is published by Springer.

2009 Recipient: *Craig Gentry, IBM*

For his dissertation, A Fully Homomorphic Encryption Scheme, nominated by Stanford University.

2009 Honorable Mention:

Haryadi S. Gunawi, University of California, Berkeley

For his dissertation, Towards Reliable Storage Systems, nominated by the University of Wisconsin - Madison.

André Platzer, Carnegie Mellon University

For his dissertation, Differential Dynamic Logics Automated Theorem Proving for Hybrid Systems, nominated by the University of Oldenburg, Germany.

Keith Noah Snavelly, Cornell University

For his dissertation, *Scene Reconstruction and Visualization from Internet Photo Collections*, nominated by the University of Washington.

ACM/IEEE CS Eckert-Mauchly Award

2010 Chair – Jean-Loup Baer

2011 Chair – Edward Davidson

Administered jointly by ACM and IEEE Computer Society. The award of \$5,000 is given for contributions to computer and digital systems architecture where the field of computer architecture is considered at present to encompass the combined hardware-software design and analysis of computing and digital systems. The award was presented at the 37th annual ISCA (International Symposium on Computer Architecture - June 2010, Saint-Malo, France).

2010 Recipient: *William J. Dally, Nvidia Corp./Stanford University*

For outstanding contributions to the architecture of interconnection networks and parallel computers.

ACM- IEEE CS Ken Kennedy Award

Awarded annually and recognizes substantial contributions to programmability and productivity in computing and substantial community service or mentoring contributions. The award includes a \$5,000 honorarium.

2009 Recipient: *Francine Berman, Rensselaer Polytechnic Institute*

For her influential leadership in the design, development and deployment of national-scale cyberinfrastructure, her inspiring work as a teacher and mentor, and her exemplary service to the high performance community.

ACM/AAAI Allen Newell Award

2009 Chair – Daniel Huttenlocher

2010 Chair – Fernando Pereira

The Allen Newell Award is presented to an individual selected for career contributions that have breadth within computer science and other disciplines. This endowed award is supported by the Association for the Advancement of Artificial Intelligence, and by individual contributions.

2009 Recipient: *Michael I. Jordan, Stanford University*

For fundamental advances in machine learning, particularly his groundbreaking work on graphical models and nonparametric Bayesian statistics, the broad application of this work across computer science, statistics, and the biological sciences.

ACM Eugene L. Lawler Award for Humanitarian Contributions within Computer Science and Informatics

2009 Chair – Nina Bhatti

The Lawler Award recognizes an individual or a group who have made a significant contribution through the use of computing technology. The amount of this biennial award is \$5,000, and it is financially supported by individual contributions.

2009 Recipient: *Gregory D. Abowd, Georgia Institute of Technology*

Professor Abowd and his colleagues have demonstrated how advanced information technologies can be used in homes and schools to support the many challenges facing those impacted by autism and related developmental disabilities, including the individuals, the families, educators, clinicians and researchers.

The SIAM/ACM Prize in Computational Science and Engineering

2009 Chair – Mary Wheeler

2011 Chair – Richard Hanson

This biennial, endowed award recognizes an individual(s) for outstanding research contributions to the field of computational science and engineering. 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. The award includes a cash prize of \$5,000. Financial sponsorship is provided by SIAM (Society for Industrial and Applied Mathematics). The 2009 award was presented March 3, 2009 at the SIAM Conference on Computational Science and Engineering (CSE09) in Miami, Florida.

2009 Recipient: Cleve Moler, *Chairman/Chief Scientist, The MathWorks*

In recognition of his individual research in numerical analysis and the efficacy of his invention, MATLAB, which has had a transformative impact on the ability of the applied mathematics, engineering and computer science communities to prototype rapidly and to execute reliably numerical simulations in ever-expanding domains of science and engineering.

ACM Gordon Bell Prize

2009 Chair – Mateo Valero

2010 Chair – Horst Simon

The Gordon Bell Prizes are awarded each year to recognize outstanding achievement in high-performance computing. The purpose of the awards is to track the progress over time of parallel computing, with particular emphasis on rewarding innovation in applying high-performance computing to applications in science. Prizes are awarded for peak performance, special achievements in scalability and time-to-solution on important science and engineering problems, and low price/performance. The awards are presented during the SuperComputing Conference and include a total of \$10,000 in prize money. The award has been endowed by Gordon Bell, a pioneer in high-performance and parallel computing.

The 2009 winners of the Gordon Bell Prize in the Low Price / Performance Category for *42 Tflops Hierarchical N-body Simulations on GPUs with Applications in both Astrophysics and Turbulence* are: Tsuyoshi Hamada, Tetsu Narumi, Keigo Nitadori, Kiyoshi Oguri, Makoto Taiji, Kenji Yasuoka, and Rio Yokota.

The 2009 winners of the Gordon Bell Prize in the Special Category for *The Cat is Out of the Bag: Cortical Simulations with 10^9 Neurons, 10^{13} Synapses* are: Rajapopal Ananthanarayanan, Joseph A. Bank, Brannon Batson, Kevin J. Bowers, Edmond Chow, Martin M. Deneroff, Ron O. Dror, Michael P. Eastwood, Steven K. Esser, J.P. Grossman, Douglas John Ierardi, John L. Klepeis, Jeffrey Kuskin, Richard Larson, Kresten Lindorff-Larsen, Kenneth M. Mackenzie, Paul Maragakis, Dharmendra Modha, Mark Moraes, Stefano Piana, John Salmon, Yibing Shan, David Shaw, Horst D. Simon, Brian Towles, and Cliff Young.

The 2009 winners of the Gordon Bell Prize in the Peak Performance Category for *A Scalable Method for Ab Initio Computation of Free Energies in Nanoscale Systems* are: Gregory Brown, Markus Eisenbach, Jeffrey M. Larkin, Donald M. Nicholson, Thomas Schulthess, and Chenggang Zhou.

ACM Presidential Award

The ACM Presidential Awards are given to leaders whose actions and achievements serve as paragons for our field. Recipients have demonstrated their exceptional abilities to advance computing and enhance its impact for the benefit of society through generosity, creativity and dedication to their respective missions.

2010 Recipients:

Mathai Joseph, Tata Consultancy Services
In honor of his devoted commitment to establishing an ACM presence in India.

Elaine Weyuker, AT&T Labs
In honor of her tireless efforts in the development and growth of ACM-W.

ACM Fellows

2009 Chair – Stephen R. Bourne 2010 Chair – Avi Silberschatz

The ACM Fellows Program was established by Council in 1993 to recognize and honor outstanding ACM members for their achievements in computer science and information technology and for their significant contributions to the mission of the ACM. The ACM Fellows serve as distinguished colleagues to whom the ACM and its members look for guidance and leadership as the world of information technology evolves.

Forty-seven new Fellows were inducted in 2009 bringing the total number of ACM Fellows to 688. The 2009 Fellows are:

Hagit Attiya, *Technion*
David F. Bacon, *IBM T.J. Watson Research Center*
Ricardo Baeza-Yates, *Yahoo! Research*
Chandrajit L. Bajaj, *University of Texas at Austin*
Vijay P. Bhatkar, *International Institute of Information Technology, Pune*
José A. Blakeley, *Microsoft Corporation*
Gaetano Borriello, *University of Washington*
Alok Choudhary, *Northwestern University*
Nell B. Dale, *University of Texas at Austin*
Bruce S. Davie, *Cisco Systems*
Jeffrey A. Dean, *Google, Inc.*
Thomas L. Dean, *Google, Inc.*
Bruce Donald, *Duke University*
Thomas Erickson, *IBM T. J. Watson Research Center*
Gerhard Fischer, *University of Colorado*
Ian T. Foster, *Argonne National Laboratory*
Andrew V. Goldberg, *Microsoft Research Silicon Valley*
Michael T. Goodrich, *University of California, Irvine*
Venugopal Govindaraju, *University at Buffalo, SUNY*
Rajiv Gupta, *University of California, Riverside*
Joseph M. Hellerstein, *University of California, Berkeley*
Laurie Hendren, *McGill University*
Urs Hoelzle, *Google, Inc.*
Farnam Jahanian, *University of Michigan*
Erich L. Kaltofen, *North Carolina State University*
David Karger, *Massachusetts Institute of Technology*
Arie E. Kaufman, *State University of New York at Stony Brook*
Hans-Peter Kriegel, *University of Munich (Ludwig-Maximilians-Universitaet Muenchen)*
Maurizio Lenzerini, *Sapienza Università di Roma*
John C.S. Lui, *The Chinese University of Hong Kong*
Dinesh Manocha, *University of North Carolina at Chapel Hill*
Margaret Martonosi, *Princeton University*
Yossi Matias, *Google, Inc.*

Renee J. Miller, *University of Toronto*
John T. Riedl, *University of Minnesota*
Martin Rinard, *CSAIL-MIT*
Patricia Selinger, *IBM Research*
R. K. Shyamasundar, *Tata Institute for Fundamental Research*
Shang-Hua Teng, *University of Southern California*
Chandramohan Thekkath, *Microsoft Corporation - Microsoft Research*
Robbert van Renesse, *Cornell University*
Baba C. Vemuri, *University of Florida*
Paulo Verissimo, *University of Lisbon*
Martin Vetterli, *EPFL*
Kyu-Young Whang, *Korea Advanced Institute of Science and Technology (KAIST)*
Yorick Wilks, *University of Sheffield*
Terry Winograd, *Stanford University*

Distinguished Member

2009-10 Co-Chairs – Marc Snir and Telle Whitney

This advanced member grade was approved by Council in October 2005. This program recognizes those ACM members with at least 15 years of professional experience that have made significant accomplishments or achieved a significant impact on the computing field. Candidates must have been ACM Professional members for a minimum of 5 years prior to the deadline. In FY'09, the categories under Distinguished Member were changed to Distinguished Educator, Distinguished Engineer, and Distinguished Scientist. There were 84 new Distinguished Members in FY'10, of which there were 9 Distinguished Educators, 17 Distinguished Engineers and 58 Distinguished Scientists which brings the Distinguished Engineers to 53 in total, and the Distinguished Scientists to a total of 126, and 10 Distinguished Educators.

Senior Member

2009-10 Chair - Robert A. Walker

This advanced member grade was approved by Council in October 2005. This program recognizes those ACM members with at least 10 years of professional experience that have demonstrated performance and accomplishment that sets them apart. Candidates must have been ACM Professional members for a minimum of 5 years prior to the deadline. There were 150 new Senior Members in FY'10, bringing the total to 1,109 as of June 2009.

Intel International Science and Engineering Fair (ISEF)

2009 Chair – Cynthia Brown 2010 Chair – Stephen Ibaraki

ISEF has been administered since 1950 by the Society for Science & the Public (formerly Science Service). Over 1,500 ninth through twelfth grade student winners from over 40 nations are among those who have earned the right to compete by winning top prize at a local, regional, state or national science fair.

ACM's first place award is \$1,000, second place is \$500, and third place is \$300, the honorable award winners (a maximum of 3) receive a prize of \$200. All receive complimentary Student subscriptions memberships (Portal Package) for the duration of their undergraduate studies. The 61st ISEF was held May 9-14, 2010, in San Jose, CA, where ACM was represented by its judges Chair Stephen Ibaraki, Robb Cutler, and C.C. Gotlieb.

The 61st Intel ISEF ACM winners are:

First Place: Ionut A. Budisteanu, Romania

NeuroLab Rapid Application Development for Artificial Intelligence

Second Place: Kevin M. Ellis, Washington

Automatic Parallelization through Dynamic Analysis

Third Place: Michael C. Yurko, Michigan

A Parallel Computational Framework for Solving Quadratic Assignment Problems Exactly

Honorable Mention Winners:

Yang Gao, China

Matrix Based Discrete Logarithms Public Key System (MBDL) and Its Application in SecurID.

Vighnesh L. Shiv, Oregon

Beat-Hoven: Identifying and Inventing Solutions to Obstacles Hindering Automatic Transcription of Polyphonic Music of a Single Instrument

Nelson Zhang, China

Self-Organizing Behaviour in a Social Network Representation of Information

Recognition of Service Certificates

The Recognition of Service Certificate Program is the responsibility of Headquarters Staff to issue certificates to those eligible volunteers who have completed service to ACM of at least one year in an elective or appointed position and who have received endorsement of their superiors in the ACM volunteer organization; 385 certificates were issued in FY'10.

1.4 Awards Committee Meeting

The annual Awards Committee meeting was held Saturday, June 26, 2010, at the Westin St. Francis Hotel in San Francisco. Twenty-three people were in attendance including: Martín Abadi (2010 Grace Murray Hopper); Nina Bhatti (2009 Lawler); Robb Cutler (2010 ISEF); C.C. Gotlieb (Awards Committee Co-Chair); Susan Graham (2010 ACM-IFA); Vicki Hanson (2009 OCA); Juris Hartmanis (2009 ACM-Infosys Foundation); Jim Horning (Awards Committee Co-Chair); Stephen Ibaraki (2009 ISEF); Alan Kay (2009 Turing); Kelly Lyons (2009 Grace Murray Hopper); Yossi Matias (2009 Kanellakis); Rosemary McGuinness (ACM Awards Committee Liaison); Pat Ryan (ACM COO, 2010 OCA); Rob Schrieber (2009 ACM Gordon Bell); Bart Selman (2009 Doctoral Dissertation); Marc Shapiro – on phone (2009 DSA); Robert A. Walker (SGB Awards Liaison/2009 Senior Member); Peter Wegner (2010 Kanellakis); Elaine Weyuker (2010 Karlstrom); John White (ACM CEO); Alex Wolf (2009-10 Software System).

A summary of the meeting follows:

For the most part the Award selections were timely and went smoothly, but as always with very few exceptions (Doctoral Dissertation, Fellows) the Award Committee Chairs would like to see additional and a more diverse set of nominations.

The Awards Committee voted via email in Dec. 2009 to approve the SIGPLAN Programming Languages Software Award. The Award Committee Co-Chairs approved the addition of the words “Distinguished Service” to the Penny Crane Award, i.e., SIGUCCS Penny Crane Award for Distinguished Service. Pro forma approval was granted to the SIGSAC Doctoral Dissertation for Outstanding Ph.D. Thesis in Computer and Information Security, and the SIGEVO-GECCO (Genetic and Evolutionary Computation Conference) Impact Paper Award.

The award proposals for the SIGCHI Emma Candy Award and the SIGMICRO Rau Award were briefly discussed as an information item since the SIGs voting process was ongoing.

The ACM Awards Banquet

The annual ACM Awards Banquet was held Saturday, June 26, 2010 at the Westin St. Francis Hotel in San Francisco, California. Over 200 people attended the banquet including 27 of the 47 new Fellows as well as most of the ACM award winners. Also in attendance were the following Turing winners: Juris Hartmanis, Cornell University (1993), Alan Kay, Viewpoints Research Institute (2003), and Butler Lampson, Microsoft Research (1992). ACM's President, Professor Dame Wendy Hall, was the Mistress of Ceremonies.

Among the corporate representatives for the various award presentations were: for the Turing Award - Intel Fellow Kevin Kahn and Alfred Spector, Google VP of Research and Special Initiatives; for the ACM-W Athena Lecturer Award - Alan Eustace, Google Senior VP, Engineering & Research; for the ACM -Infosys Foundation Award Richard R. Pratt, CEO and Managing Director, Infosys Consulting; for the Grace Murray Hopper Award - Stuart I. Feldman, Google VP, Engineering/ ACM Past President; for the Allen Newell Award - Eric Horvitz, Past President AAAI/Microsoft Research; for the Software System Award - IBM Fellow Jai Menon; for the Doctoral Dissertation Award - Peter Norvig, Google, Director of Research; for the Karlstrom Award - Tracy Dunkelberger, Pearson/ Prentice Hall; and for the SRC awards - Judith Bishop, Microsoft Research.

The winning team of the 2010 ICPC from the Shanghai Jiaotong University was also recognized at the banquet. ICPC was represented by Professor William B. Poucher, ICPC Executive Director, and Professor Jeff Donahoo, ICPC Web Services.

Recruitment Plans for New/Younger Members

The Awards Committee Co-Chairs continue to seek recommendations from the outgoing award subcommittee chairs for members to replace those whose terms are expiring. In addition to seeking new members whose expertise falls within the criteria for the various awards, in the past the expectation for diversity was typically implied. Over the past several years, the request for recommendations that take into account age, gender, and international representation has been explicit.

In addition to its efforts to achieve a greater diversity within the award subcommittees, the Awards Committee will seek the assistance of the SIG Chairs to help ensure that the award nominations reflect the diversity in the ACM membership, as well as the members of the recently formed regional Councils.

Appendix