**Annual Report of the ACM Awards Committee**

**for the Period**

**July 1, 2011 - June 30, 2012**

**1. BASIC INFORMATION**

**1.1 List of Award Subcommittee Members and Terms of Office**

Calvin C. Gotlieb, Awards Ctte.Co-Chair 4/1/98-6/30/12

James Jay Horning, Awards Ctte. Co-Chair 7/02-6/30/12

Martín Abadi 12/4/07-12/31/11

Frances E. Allen 11/18/08-12/31/14

Hagit Attiya 9/25/09-12/31/12

Melanie Baljko 12/4/09-12/31/13

Reinaldo Bergamaschi 4/27/06-12/31/11

Brian Bershad 12/4/07-12/31/11

Dines Bjørner 2/4/11-12/31/15

Taisuki Boku 6/9/11-12/31/17

Allan Borodin 4/14/10-12/31/14

Stephen R. Bourne 3/6/06-12/31/11

Eric Brewer 3/05-

Vinton Cerf 11/2/06-12/31/11

Jennifer Chayes 6/26/07-12/31/12

Lori Clarke 8/19/08-12/31/11

E.G. Coffman, Jr. 8/31/11-12/31/15

Anne Condon 5/26/10-12/31/15

Robb Cutler 4/14/10-12/31/13

Constantinos Daskalakis 6/9/11-12/31/16

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 5/12/10-12/31/15

Georg Gottlob 5/12/10-12/31/14

Susan L. Graham 8/16/07-12/31/11

Eric Grimson 2/4/11-12/31/15

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

Michael Jordan 6/9/11-12/31/16

Henry Kautz 12/15/09-12/31/14

Anne-Marie Kermarrec 8/27/09-12/31/13

Tim Korb 3/18/11-12/31/15

Butler Lampson 8/16/07-12/31/11

Robert M. Lefkowitz 4/25/06-12/31/11

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

Andrew McGettrick 8/6/11-12/31/15

Kathleen McKeown 3/05-12/31/11

Kathryn McKinley 1/27/09-12/31/11

Avi Mendelson 5/12/10-12/31/15

Renee Miller 8/6/11-12/31/15

Charles Moore 1/5/09-12/31/11

Greg Morrisett 6/9/11-12/31/16

Michael Norman 8/6/11-12/31/16

Cherri Pancake 8/6/11-12/31/16

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

Martin Rinard 12/4/07-12/31/12

Thomas Rodden 1/12/10-12/31/14

Susan Rodger 4/27/06-12/31/11

David Rosenblum 6/9/11-12/31/14

Mendel Rosenblum 9/25/09-12/31/12

Pat Ryan 6/26/07-12/31/11

Stefan Savage 2/4/11-12/31/15

Thomas Schulthess 6/11-12/31/17

Steve Seitz 6/9/11-12/31/15

Ravi Sethi 8/27/07-12/31/13

André Seznec 8/31/10-12/31/13

Marc Shapiro 2/5/09-12/31/12

David Shmoys

Harry Shum 8/31/-12/31/15

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

Larry Smarr 5/12/10-12/31/13

Marc Snir 10/06-12/31/11

Richard Snodgrass 1/22/09-12/31/12

Lynn Andrea Stein 3/18/11-12/31/14

Sabine Susstrunk 12/04-

David A. Thomas 4/25/06-12/31/11

Mike Ubell 1/04-

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

Jeannette Wing  3/18/11-12/31/16

Alexander Wolf 8/1/07-12/31/11

Andrew C. Yao 9/12/08-12/31/13

Benjamin Zorn 2/4/11-12/31/14

* 1. **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 is available 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**

2011 Chair – Jennifer Chayes 2012 Chair – Ravi Sethi

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.

2011 Recipient: **Judea Pearl, UCLA**

*For fundamental contributions to artificial intelligence through the development of a calculus for probabilistic and causal reasoning*.

***ACM – Infosys Foundation Award in the Computing Sciences***

2011 Chair – Henry Kautz 2012 Chair – Prabhakar Raghavan

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.

2011 Recipient: **Sanjeev Arora, Princeton University**

*For contributions to computational complexity, algorithms, and optimization that have helped reshape our understanding of computation.*

***Distinguished Service Award***

2011 Chair – Harry Shum 2012 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.

2011 Recipient: **William A. Wulf, University of Virginia**

*For distinguished service to the computing and the engineering communities as Assistant Director of NSF's CISE Directorate (1988-1990) and as President of the US National Academy of Engineering (1997-2007).*

***Outstanding Contribution to ACM Award***

2011 Chair – Richard T. Snodgrass 2012 Chair – William Poucher

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

2011 Recipient: **Calvin C. (Kelly) Gotlieb**

*For serving as the Leading Light of ACM's Awards Committee.*

***Software System Award***

2011 Chair – Anne Marie Kermarrec 2012 Chair – Benjamin Zorn

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.

2011 Recipients:

**Greg Adams, IBM**

**John Duimovich, IBM**

**Erich Gamma, Microsoft**

**Kevin Haaland, IBM**

**Julian Jones, IBM**

**Philippe Mulet, IBM**

**Steve Northover, Oracle**

**Dave Thomson, IBM**

**John Wiegand, IBM**

*For the Eclipse platform and its visionary design of a universal IDE (Integrated Development Environment) which provides developers with an extensible platform for application development tools, fostering an impressive world-wide open source software development community.*

***Grace Murray Hopper Award***

2011 Chair – Mendel Rosenblum 2012 Chair – Melanie Baljko

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.

2011 Recipient: **Luis von Ahn, Carnegie Mellon University**

*For his research in harnessing the human side of human-computer interaction for computational goals.*

***Karl V. Karlstrom Outstanding Educator Award***

2011 Chair – Andrew McGettrick 2012 Chair – Mark Guzdial

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.

2011 Recipient: **Hal Abelson, MIT**

*For his contribution to computing education, through his innovative advances in curricula designed for students pursuing different kinds of computing expertise, and for his leadership in the movement for open educational resources.*

# **Paris Kanellakis Theory and Practice Award**

2011 Chair – Eugene Fiume 2012 Chair – Monika Henzinger

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.

2011 Recipient: **Hanan Samet, University of Maryland**

*For fundamental contributions to the development of multidimensional spatial data structures and indexing.*

***Doctoral Dissertation Award***

2011 Chair – Martin Rinard 2012 Chair – Chuang Lin

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.

2011 Recipient: **Seth Cooper, University of Washington**

For his dissertation, *A Framework for Scientific Discovery through Video Games*, nominated by the University of Washington.

2011 Honorable Mentions:

**Aleksander Madry, Microsoft Research New England**

For his dissertation, *From Graphs to Matrices, and Back: New Techniques for Graph Algorithms*, nominated by the Massachusetts Institute of Technology.

**David Steurer, Microsoft Research New England**

For his dissertation, *On the Complexity of Unique Games and Graph Expansion*, nominated by Princeton University.

***ACM/IEEE CS Eckert-Mauchly Award***

### 2012 Chair – David A. Patterson 2013 Chair – TBA

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 39th annual ISCA (International Symposium on Computer Architecture) June 12, 2012, in Portland, OR.

2012 Recipient: **Algirdas Avizienis, UCLA**

*For fundamental contributions to fault-tolerant computer architecture and computer arithmetic.*

**ACM- IEEE CS Ken Kennedy Award**

### 2012 Chair – David Padua 2013 Chair – TBA

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.

2011 Recipient: **Susan Graham, UC, Berkeley**

*For foundational compilation algorithms and programming tools; research and discipline leadership; and exceptional mentoring.*

***ACM/AAAI Allen Newell Award***

2011 Chair – Manuela Veloso 2012 Chair – Eric Grimson

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.

2011 Recipient: **Stephanie Forrest, University of New Mexico**

*For fundamental, paradigm-changing contributions to computer science and biological sciences, most notably bringing together models of immune systems, automated diversity, and network epidemiology, with significant impact on real computer and biological systems research and practice.*

***ACM Eugene L. Lawler Award for Humanitarian Contributions within***

***Computer Science and Informatics***

2011/2012 Chair - Barbara Simons

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. The next award will be the 2012 award.

***The SIAM/ACM Prize in Computational Science and Engineering***

2011 Chair – Richard Hanson 2013 Chair - Christopher R. Johnson

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 next award will be the 2013 award.

***ACM Gordon Bell Prize***

2011 Chair – Thom Dunning 2012 Chair – Cherri Pancake

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 2011 winners of the Gordon Bell Prize are:

**Best Performance**: *Petascale Direct Numerical Simulation of Blood Flow on 200K Cores and Heterogeneous Architectures*:

George Biros, Georgia Institute of Technology; Aparna Chandramowlishwaran, Georgia Tech; Ilya Lashuk, Georgia Tech; Dhairya Malhotra, Georgia Tech; Logan Moon, Georgia Tech; Abtin Rahimian, Georgia Tech; Rahul Sampath, Oak Ridge National Laboratory; Aashay Shringarpure, Georgia Tech; Shravan Veerapaneni, New York University; Jeffrey S. Vetter, Oak Ridge National Laboratory; Richard W. Vuduc, Georgia Tech; Denis Zorin, New York University.

**Honorable Mention – Performance**: *Toward First Principles Electronic Structure Simulations of Excited States and Strong Correlations in Nano and Materials Science*:

Adolfo G. Eguiluz, University of Tennessee, Knoxville; Anton Kozhevnikov, ETH Zurich; Thomas Schulthess, ETH Zurich.

**Honorable Mention - Price / Performance**: *190 TFlops Astrophysical N-body Simulation on a Cluster of GPUs:*

Tsuyoshi Hamada, Nagasaki University; Keigo Nitadori, RIKEN.

***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. No Presidential Awards were presented in 2012.

***ACM Fellows***

2011 Chair – Ronald Perrott 2012 Chair – Mary Jane Irwin

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-six new Fellows were inducted in 2011:

**Serge Abiteboul,** *INRIA Saclay*

**Divyakant Agrawal,** *University of California, Santa Barbara*

**Ronald M. Baecker,** *University of Toronto*

**Thomas J. Ball,** *Microsoft Research*

**Guy Blelloch,** *Carnegie Mellon University*

**Carl Ebeling,** *University of Washington*

**David Eppstein,** *University of California, Irvine*

**Geoffrey C. Fox,** *Indiana University*

**George W. Furnas,** *University of Michigan*

**David K. Gifford,** *Massachusetts Institute of Technology*

**Ramesh Govindan,** *University of Southern California*

**Baining Guo,** *Microsoft Research*

**David Heckerman,** *Microsoft Research*

**Gerard J. Holzmann,** *NASA Jet Propulsion Laboratory*

**Hugues Hoppe,** *Microsoft Research*

**Christian S. Jensen,** *Aarhus University*

**Howard J. Karloff,** *AT&T Labs – Research*

**Stephen W. Keckler,** *NVIDIA Corporation/The University of Texas at Austin*

**Peter B. Key,** *Microsoft Research*

**Scott Kirkpatrick,** *The Hebrew University of Jerusalem*

**Robert E. Kraut,** *Carnegie Mellon University*

**Susan Landau,** *Harvard University*

**Ming C. Lin,** *University of North Carolina at Chapel Hill*

**Peter S. Magnusson,** *Google Inc.*

**Dahlia Malkhi,** *Microsoft Research*

**Keith Marzullo,** *National Science Foundation/University of California, San Diego*

**Satoshi Matsuoka,** *Tokyo Institute of Technology*

**Nelson Max,** *University of California, Davis*

**Joseph S.B. Mitchell,** S*tony Brook University*

**Shubu Mukherjee,** *Cavium, Inc.*

**Beng Chin Ooi,** *National University of Singapore*

**Zehra Meral Özsoyoglu,** *Case Western Reserve University*

**Janos Pach,** *École Polytechnique Fédérale de Lausanne—EPFL/*

*Renyi Institute/Courant Institute at NYU*

**Linda Petzold,** *University of California, Santa Barbara*

**Martha E. Pollack,** *University of Michigan*

**Dan Roth,** *University of Illinois at Urbana-Champaign*

**John W. Sanguinetti,** *Forte Design Systems*

**Margo Seltzer,** *Harvard University/Oracle Corporation*

**Amit Singhal,** *Google Inc.*

**Diane L. Souvaine,** *Tufts University*

**Divesh Srivastava,** *AT&T Labs – Research*

**Dan Suciu,** *University of Washington*

**Dean M. Tullsen,** *University of California, San Diego*

**Amin Vahdat,** *University of California, San Diego/Google Inc.*

**David J. Wetherall,** *University of Washington*

**Frank Kenneth Zadeck,** *L.J. Gonzer Associates/IBM Research (Consultant)*

***Distinguished Member***

2011/2012 Co-Chairs –Lori Clarke/Avi Mendelson

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 54new Distinguished Members in FY’12, of which there were 4 Distinguished Educators,1 Distinguished Engineer, and 49 Distinguished Scientists which brings the total number of Distinguished Members to 284.

***Senior Member***

2011 Chair - Robert A. Walker 2012 Chair – Susan Rodger

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 157 new Senior Members in FY’12, bringing the total to 1,443 as of June 2012.

***Intel International Science and Engineering Fair (ISEF)***

2011 Chair – Robb Cutler 2012 Chair – John (Tim) Korb

ISEF has been administered since 1950 by the Society for Science & the Public (formerly Science Service). Over 1,500 9th through 12th 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 63rd ISEF was held in May 2012, in , where ACM was represented by its judges Chair Tim Korb, Robb Cutler, and Lynne Andrea Stein.

The 63rd Intel ISEF ACM winners are:

First Place: *Geolocation of Photographs by Horizon Matching with Digital Elevation Models* - Samuel W. Pritt, Walkersville, Maryland

Second Place: *Generalized Quantum Tic-Tac-Toe -* Ananya Kumar and Yan Sheng Ang, Singapore

Third Place: *Apodora: Markov Chain-Inspired Microsearch -* Nicholas Schiefer, Ontario,

Canada

Honorable Mention Winners:

*Pediacenter* - William Barbaro, Dayton, OH

*Modeling the Adaptive Venation Network of* Physarum polycephalum –

Hannah Blumberg, Port Washington, NY

*Navigation for the Visually Impaired* - Natalie Nash, Pittsburgh, PA

*Dynamic Pathfinding: Chasing Enemies on Random Graphs* –

David Lu and Andre Arslan, New York, NY

# 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; 349 certificates were issued in FY’12.

* 1. **Awards Committee Meeting**

The annual Awards Committee meeting was held Saturday, June 16, 2012, at the Palace Hotel in San Francisco. Twenty-two people were in attendance including: Erik Altman (SGB Liaison); Vint Cerf (incoming ACM President); Jennifer Chayes (2011 Turing); Lori Clarke (2011 Distinguished Member Co-Chair); Eugene Fiume (2011 Kanellakis); C.C. Gotlieb (Awards Committee Co-Chair); Jim Horning (Awards Committee Co-Chair); Mary Jane Irwin (2012 Fellows); John (Tim) Korb (2012 ISEF); Andrew McGettrick (2011 Karlstrom); Rosemary McGuinness (ACM Awards Committee Liaison); Avi Mendelson (2011 Distinguished Member Co-Chair); Cherri Pancake (GBP-2012); Ronald Perrott (2011 Fellows); Martin Rinard (2011 Doctoral Dissertation – on phone); Pat Ryan (ACM COO); John White (ACM CEO).

The majority of the award selection decisions went smoothly. The Award Committee Chairs would like to see an increase in the number of nominations.

## The ACM Awards Banquet

The annual ACM Awards Banquet was held Saturday, June 16, 2012 at the Palace Hotel in San Francisco, California, and there were over 400 attendees. The banquet was held in conjunction with the Turing Centenary Celebration (TCC) and most of the 32 Turing Laureates who attended the TCC also attended the banquet. ACM’s President Alain Chesnais was the Master of Ceremonies.

Among the corporate representatives for the various award presentations were: for the Turing Award – Limor Fix, Intel 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 -Infosys Chairman Emeritus N.R. Narayana Murthy; for the Grace Murray Hopper Award - Urs Hoelzle, Google Fellow; Brent Hailpern, IBM, for the Software System Award; Prabhakar Ragahavan, Google, for the Doctoral Dissertation Award; for the Karlstrom Award - Tracy Dunkelberger, Pearson/ Prentice Hall; and for the SRC awards - Judith Bishop, Microsoft Research.

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 ACM Regional Councils.

**Appendix**

**A.M. Turing Award**

Vinton G. Cerf, VP and Chief Internet Evangelist

Google

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Jennifer Chayes, Microsoft Research

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Ravi Sethi, President, Avaya Labs

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Frances E. Allen, IBM Fellow Emerita

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Adele Goldberg, Neometron, Inc.

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Barbara Liskov, MIT - CSAIL  
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Michael Jordan, University of California at Berkeley

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**ACM- Infosys Foundation Award**

Juris Hartmanis, Cornell University

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Susan L. Graham, University of California

[graham@cs.berkeley.edu](mailto:graham@cs.berkeley.edu)

Butler Lampson, Technical Fellow, Microsoft Corporation

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Prabhakar Raghavan, Head of Research, Yahoo!

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Jeannette Wing, Carnegie Mellon University

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**ACM Gordon Bell Prize Committee**

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Michael Norman, San Diego Supercomputing Center

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Taisuke Boku, University of Tsukuba

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Thomas Schulthess, ETH Zurich

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**Distinguished Service Award**

Gurindar Sohi, University of Wisconsin

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Marc Shapiro, INRIA & LIP6

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Anne Condon, University of British Columbia

[condon@cs.ubc.ca](mailto:condon@cs.ubc.ca)

Harry Shum, Microsoft Research

[hshum@microsoft.com](mailto:hshum@microsoft.com)

**Doctoral Dissertation Award**

Brian Bershad, Google, Inc.

[bershad@google.com](mailto:bershad@google.com)

Martin Rinard, MIT CS and AI Lab.

[rinard@lcs.mit.edu](mailto:rinard@lcs.mit.edu)

Chuang Lin, Tsinghua University

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Allan Borodin, University of Toronto

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Stefan Savage, University of California, San Diego

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Constantinos Daskalakis, MIT

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**ACM-IEEE CS Eckert-Mauchly Award**

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**Grace Murray Hopper Award**

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**Paris Kanellakis Theory and Practice Award**

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**Karl V. Karlstrom Outstanding Educator Award**

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**Eugene L. Lawler Award for Humanitarian Contributions within Computer Science**

**and Informatics – Biennial**

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**Outstanding Contribution to ACM Award**

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**SIAM/ACM Award in Computational Science and Engineering – Biennial**

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**Software System Award**

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