



Association for  
Computing Machinery

*Advancing Computing as a Science & Profession*

**CONTACT:** Virginia Gold  
212-626-0505  
vgold@acm.org

## **ACM HONORS DISTINGUISHED COMPUTER SCIENTISTS, ENGINEERS AND EDUCATORS FOR INNOVATIONS THAT ARE ADVANCING SOCIETY**

### **2013 Members Selected for Individual Achievements and Contributions To the International Computing Community**

**NEW YORK, NY, November 20, 2013** -- ACM (the Association for Computing Machinery)

[www.acm.org](http://www.acm.org) has named 40 Distinguished Members for their individual contributions and their singular impacts on the vital field of computing. Their achievements have advanced the science, engineering, and education of computing, and highlight the widening role that computing plays in a range of disciplines and domains around the globe. The 2013 Distinguished Members hail from universities in Denmark, Japan, Israel, Italy, China, and the United Kingdom in addition to North America, and from leading international corporations and research institutions.

ACM President Vinton G. Cerf described the recipients as “the problem solvers, prophets, and producers who are powering the future of the digital age.” He noted that these ACM members “are the driving force for enabling the computing community to change how we live and work. They demonstrate the advantages of ACM membership, which empowers self-improvement and inspires a bold vision for their own careers as well as their impact on the future.”

The ACM Distinguished Member program can recognize the top 10 percent of ACM worldwide membership based on professional experience as well as significant achievements in the computing field. ACM’s current worldwide membership exceeds 100,000.

Seventy percent of the 2013 recipients are from leading international academic institutions around the world. Another 30 percent represent prominent corporate and national research laboratories from North America, the UK, Europe and India. Their achievements in critical areas of computing include high performance computing, computer architecture, data management, user interface, cybersecurity, wireless network management, software engineering, and innovative instruction.

For more information about the selection criteria and the 2013 Distinguished Members, click on [http://awards.acm.org/distinguished\\_member](http://awards.acm.org/distinguished_member).

The following ACM Members have been recognized as 2013 **Distinguished Educators:**

**Owen Astrachan**

*Duke University*

**Douglas Jacobson**

*Iowa State University*

**Michael Caspersen**

*Aarhus University (Denmark)*

**Thomas L. Naps**

*University of Wisconsin, Oshkosh*

The following ACM Members have been recognized as a 2013 **Distinguished Engineers:**

**Rong N. Chang**

*IBM T.J. Watson Research Center*

**James H. Cownie**

*Intel Corporation (UK) Ltd*

**Marcus Fontoura**

*Google Inc.*

**Terence P. Kelly**

*Hewlett Packard Labs*

**Ray Simar**

*Rice University*

**Patrick H. Worley**

*Oak Ridge National Laboratory*

The following ACM Members have been recognized as 2013 **Distinguished Scientists:**

**Saurabh Bagchi**

*Purdue University*

**Fred Chong**

*University of California, Santa Barbara*

**Graham Cormode**

*University of Warwick, Coventry, UK*

**Prasad M. Deshpande**

*IBM Research, India*

**Maria R. Ebling**

*IBM T. J. Watson Research Center*

**Mark Giesbrecht**

*University of Waterloo*

**Takahiro Hara**

*Osaka University (Japan)*

**Tobias H. Höllerer**

*University of California, Santa Barbara*

**Vanja Josifovski**

*Google Inc.*

**Günter Karjoth**

*IBM Research – Zurich*

**Tsvi Kuflik**

*The University of Haifa*

**Yung-Hsiang Lu**

*Purdue University*

**Jock D. Mackinlay**

*Tableau Software*

**Sriganesh Madhvanath**

*Hewlett Packard Labs*

**Filippo Menczer**

*Indiana University*

**Ethan L. Miller**

*University of California, Santa Cruz*

**T. M. Murali**

*Virginia Tech*

**Jitendra D. Padhye**

*Microsoft Research*

**Sushil Prasad**

*Georgia State University*

**Lili Qiu**

*University of Texas at Austin*

**Gregg Rothermel**

*University of Nebraska, Lincoln*

**Paolo Santi**

*Istituto di Informatica e Telematica del CNR (Italy)*

**Evgenia Smirni**

*College of William and Mary*

**Geoffrey Smith**

*Florida International University*

**Il-Yeol Song**

*Drexel University*

**Eswaran Subrahmanian**

*Carnegie Mellon University*

**André van der Hoek**

*University of California, Irvine*

**R. Michael Young**

*North Carolina State University*

**Zhi-Hua Zhou**

*Nanjing University (China)*

**Qiang Zhu**

*University of Michigan – Dearborn*

### **About ACM**

ACM, the Association for Computing Machinery [www.acm.org](http://www.acm.org), is the world's largest educational and scientific computing society, uniting computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.

### **About the ACM Recognition Program**

The **ACM Fellows program**, initiated in 1993, celebrates the exceptional contributions of the leading members in the computing field. These individuals have helped to enlighten researchers, developers, practitioners and end-users of information technology throughout the world. The **ACM Distinguished Member program**, initiated in 2006, recognizes those members with at least 15 years of professional experience who have made significant

accomplishments or achieved a significant impact on the computing field. **The ACM Senior Member program**, also initiated in 2006, includes members with at least 10 years of professional experience who have demonstrated performance that sets them apart from their peers through technical leadership, technical contributions and professional contributions. The new ACM Fellows, Distinguished Members, and Senior Members join a list of eminent colleagues to whom ACM and its members look for guidance and leadership in computing and information technology.

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