2014 American Mathematical Society Elections

CONTENTS

p. 919 — List of Candidates
p. 919 — Election Information
p. 921 — Biographies of Candidates
p. 934 — Call for Suggestions for 2015 Election
p. 935 — Nominations by Petition for 2015 Election
2014 AMS Elections

Special Section

List of Candidates–2014 Election

<table>
<thead>
<tr>
<th>Vice President</th>
<th>Member at Large of the Council</th>
<th>Nominating Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>(one to be elected)</td>
<td>(five to be elected)</td>
<td>(three to be elected)</td>
</tr>
<tr>
<td>Robert Calderbank</td>
<td>Matthew Baker</td>
<td>Douglas N. Arnold</td>
</tr>
<tr>
<td>Carlos E. Kenig</td>
<td>Yuli Baryshnikov</td>
<td>James W. Cogdell</td>
</tr>
<tr>
<td></td>
<td>Edward Frenkel</td>
<td>Christine Guenther</td>
</tr>
<tr>
<td></td>
<td>Solomon Friedberg</td>
<td>Phil Kutzko</td>
</tr>
<tr>
<td></td>
<td>Pamela Gorkin</td>
<td>Douglas Lind</td>
</tr>
<tr>
<td></td>
<td>Michael Anthony Hill</td>
<td>Kavita Ramanan</td>
</tr>
<tr>
<td></td>
<td>Wen-Ching Winnie Li</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ezra Miller</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mary Pugh</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jared Wunsch</td>
<td></td>
</tr>
</tbody>
</table>

| Board of Trustees              |                                |
| (one to be elected)            |                                |
| Daniel M. Burns Jr.            |                                |
| Joseph H. Silverman            |                                |

| Editorial Boards Committee     |
| (two to be elected)            |
| Todd Arbogast                  |
| Danny Calegari                 |
| Richard Hain                   |
| Hee Oh                         |

Ballots
AMS members will receive email with instructions for voting online by August 18, or a paper ballot by September 18. If you do not receive this information by that date, please contact the AMS (preferably before October 1) to request a ballot. Send email to ballot@ams.org or call the AMS at 800-321-4267 (within the U.S. or Canada) or 401-455-4000 (worldwide) and ask to speak with Member Services. The deadline for receipt of ballots is November 7, 2014.

Write-in Votes
It is suggested that names for write-in votes be given in exactly the form that the name occurs in the Combined Membership List (www.ams.org/cml). Otherwise the identity of the individual for whom the vote is cast may be in doubt and the vote may not be properly credited.

Replacement Ballots
For a paper ballot, the following replacement procedure has been devised: A member who has not received a ballot by September 18, 2014, or who has received a ballot but has accidentally spoiled it, may write to ballot@ams.org or Secretary of the AMS, 201 Charles Street, Providence, RI 02904-2294, USA, asking for a second ballot. The request should include the individual’s member code and the address to which the replacement ballot should be sent. Immediately upon receipt of the request in the Providence office, a second ballot, which will be indistinguishable from the original, will be sent by first class or airmail. Although a second ballot will be supplied on request and will be sent by first class or airmail, the deadline for receipt of ballots cannot be extended to accommodate these special cases.

Biographies of Candidates
The next several pages contain biographical information about all candidates. All candidates were given the opportunity to provide a statement of not more than 200 words to appear at the end of their biographical information.

Description of Offices
The vice president and the members at large of the AMS Council serve for three years on the Council. That body determines all scientific policy of the Society, creates and oversees numerous committees, appoints the treasurers and members of the Secretariat, makes nominations of candidates for future elections, and determines the chief editors of several key editorial boards. Typically, each of these new members of the Council also will serve on one of the Society’s five policy committees. Current members of the Council may be found here: www.ams.org/council.

The Board of Trustees, of whom you will be electing one member for a five-year term, has complete fiduciary responsibility for the Society. Among other activities, the trustees determine the annual budget of the Society, prices of journals, salaries of employees, dues (in cooperation with the Council), registration fees for meetings, and investment policy for the Society’s reserves. The person you select will serve as chair of the Board of Trustees during the fourth year of the term. Current members of the Board may be found here: www.ams.org/bt.

The candidates for vice president, members at large,
and trustee were suggested to the Council either by the Nominating Committee or by petition from members. While the Council has the final nominating responsibility, the groundwork is laid by the Nominating Committee. The candidates for election to the Nominating Committee were nominated by the current president, David A. Vogan Jr. The three elected will serve three-year terms. The main work of the Nominating Committee takes place during the annual meeting of the Society, during which it has four sessions of face-to-face meetings, each lasting about three hours. The Committee then reports its suggestions to the spring Council, which makes the final nominations. Current members of the Nominating Committee may be found here: www.ams.org/nomcom.

The Editorial Boards Committee is responsible for the staffing of the editorial boards of the Society. Members are elected for three-year terms from a list of candidates named by the president. The Editorial Boards Committee makes recommendations for almost all editorial boards of the Society. Managing editors of Journal of the AMS, Mathematics of Computation, Proceedings of the AMS, and Transactions of the AMS, and Chairs of the Colloquium, Mathematical Surveys and Monographs, and Mathematical Reviews editorial committees are officially appointed by the Council upon recommendation by the Editorial Boards Committee. In virtually all other cases, the editors are appointed by the president, again upon recommendation by the Editorial Boards Committee. Current members of the Editorial Boards Committee may be found here: www.ams.org/ebc.

Elections to the Nominating Committee and the Editorial Boards Committee are conducted by the method of approval voting. In the approval voting method, you can vote for as many or as few of the candidates as you wish. The candidates with the greatest number of the votes win the election.

A Note from AMS Secretary Carla D. Savage

The choices you make in these elections directly affect the direction the Society takes. The other officers and Council members join me in urging you to take a few minutes to review the election material, fill out your ballot, and submit it. The Society really does belong to its members. You can influence its policies and direction by voting.

Also, let me urge you to consider other ways of participating in Society activities. The Nominating Committee, the Editorial Boards Committee, and the Committee on Committees are always interested in learning of members who are willing to serve the Society in various capacities. Names are always welcome, particularly when accompanied by a few words detailing the person’s background and interests. Self-nominations are probably the most useful. Recommendations can be transmitted through an online form (www.ams.org/committee-nominate) or sent directly to the secretary (secretary@ams.org) or Office of the Secretary, American Mathematical Society, Department of Computer Science, Box 8206, North Carolina State University, Raleigh, NC 27695-8206 USA.

PLEASE VOTE.
**Biographical information about the candidates has been supplied and verified by the candidates.**

Candidates have had the opportunity to make a statement of not more than 200 words (400 words for presidential candidates) on any subject matter without restriction and to list up to five of their research papers.

Candidates have had the opportunity to supply a photograph to accompany their biographical information.

Candidates with an asterisk (*) beside their names were nominated in response to a petition.

Abbreviations: American Association for the Advancement of Science (AAAS); American Mathematical Society (AMS); American Statistical Association (ASA); Association for Computing Machinery (ACM); Association for Symbolic Logic (ASL); Association for Women in Mathematics (AWM); Canadian Mathematical Society, Société Mathématique du Canada (CMS); Conference Board of the Mathematical Sciences (CBMS); Institute for Advanced Study (IAS), Institute of Mathematical Statistics (IMS); International Mathematical Union (IMU); London Mathematical Society (LMS); Mathematical Association of America (MAA); Mathematical Sciences Research Institute (MSRI); National Academy of Sciences (NAS); National Academy of Sciences/National Research Council (NAS/NRC); National Aeronautics and Space Administration (NASA); National Council of Teachers of Mathematics (NCTM); National Science Foundation (NSF); Society for Industrial and Applied Mathematics (SIAM).

### Vice President

**Robert Calderbank**

Professor of Mathematics, Director of the Information Initiative, Duke University (iiD).

**Born:** December 28, 1954, Bridgewater, Somerset, UK.

**Ph.D.:** California Institute of Technology, 1980.

**AMS Committees:** AMS Centennial Fellowship Committee, 1995–1998 (Chair, 1996–1998); Committee to Select Speakers at NE Regional Meetings, 2003–2006; Chair, Organizing Committee, von Neumann Symposium, 2006; Committee to Select Speakers at National Meetings, 2006–2009; Committee to Select the Gibbs Lecturer, 2009–2012; AAAS Section A Representative, 2010–present.


Statement by Candidate: It is an honor to be asked to stand as a candidate for Vice President. The role of the AMS in creating a vibrant mathematics community through meetings, publications and outreach activities is vital. AMS initiatives make a huge difference to both the development of individual research mathematicians and to national perceptions of the return on investing in mathematics.

These are interesting times. The rise of the information economy has reduced the distance between mathematicians and the value it creates, and there has never been a greater diversity of opportunity for mathematicians. Ours is a global activity and as access to the Internet grows so too does the opportunity to make a difference to mathematicians across the world. However we also face serious challenges, from the future of scholarly publication to the implications of online learning for university instruction.

As a mathematician with experience leading an industrial research laboratory, an interdisciplinary mathematics program, and a college of sciences, I have thought deeply about these issues. If elected it would be my privilege to help AMS sustain federal funding for mathematics research and teaching, also to work for AMS programs that expand access to mathematical publications.

Carlos E. Kenig


Statement by Candidate: It is a great honor to be nominated for the vice–presidency of the AMS. It would be a privilege to have the opportunity to serve the AMS and the mathematical community in this position. The AMS is the premier organization in the USA that champions research and education in mathematics, which is its core mission. It has played a major role in my professional life, going back to my graduate student days. I have a strong commitment to the core mission of the AMS and to making sure that underrepresented groups are full participants in the enterprise of the AMS. We are living in a rapidly changing world and I would like to have the opportunity to contribute, should I be elected, to the task of ensuring that the AMS continues to evolve, adapting to these changes.

Board of Trustees

Daniel M. Burns Jr.


Statement by Candidate: The AMS appears to be in a healthy financial situation and it is the primary responsibility of the Board of Trustees to keep things that way. I have been active in recent years in mathematics developments in Africa, and I would like to see the AMS play a more outgoing role in this part of the world. The AMS already has initiatives around the world, most notably jointly held meetings abroad. I would like to see the AMS foster the formation of sister societies in some of those areas of Africa and also parts of the developing world, sharing practical expertise on organization, offering infrastructure support, etc. I think it would be great if we were to do that in collaboration with some of our sister societies which have already blossomed more recently than our own, e.g., those of Mexico and Brazil. This is just one way the AMS and its funding potential could help to shepherd mathematics globally, another dimension of the diversity we wish to see in the profession.

Joseph H. Silverman
Professor of Mathematics, Brown University.


Statement of Candidate: I have been actively involved for more than 30 years in mathematics research and mathematics education at the undergraduate and graduate levels, including supervision of 27 students who have received their Ph.D.’s. Having recently completed terms on the AMS Council and Executive Committee, I look forward to further service as a member of the Board of Trustees. This board has the responsibility of ensuring the AMS’s financial stability, while also funding programs that promote the vitality of the mathematics community. As a member, I will encourage the AMS to find innovative ways to positively influence graduate students and young mathematicians, while at the same time serving the full spectrum of our membership. As an example of the former, I recently chaired the subcommittee that created the new AMS Graduate Student Chapter program, which in its second year already has 24 chapters. Another important aspect of AMS finances concerns its publishing enterprise, including its many journals, book series, and MathSciNet. Having published eight textbooks and having served on the AMS Council’s publishing subcommittee and the AMSTexts editorial board, I feel qualified to help make the financial decisions necessary for the AMS to succeed in today’s challenging publishing environment.

Nominating Committee

Douglas N. Arnold
McKnight Presidential Professor of Mathematics, University of Minnesota.


Selected Addresses: Plenary Address, International Congress of Mathematicians, Beijing, 2002;


Statement by Candidate: Much of the strength of the AMS derives from the involvement of talented, committed, and thoughtful volunteers. Consequently, the nominating committee plays a crucial role. In various capacities I have had the pleasure of working with many mathematicians to advance our profession. If chosen to serve on the nominating committee, I will put this experience to work to help involve a broad and diverse group of effective people in AMS service.

James W. Cogdell


Candidate Statement: I am pleased to have been nominated by the Society to serve on the Nominating Committee. This committee has a great responsibility as it serves as the gateway to service on the other committees. It must assure the other committees have a balanced slate of members of the Society that are able and willing to get their work done. I will fulfill this responsibility to the best of my ability.

Christine Guenther


Statement by Candidate: It would be a privilege to serve on the nominating committee of the AMS. I would work to nominate highly qualified candidates to represent the broad constituency of the AMS in pure and applied mathematics, at research universities and liberal arts institutions, in industry and government.
Phil Kutzko

Professor of Mathematics and Collegiate Fellow, University of Iowa.


AMS Committees: Centennial Fellowship Committee, 2005-2007; Committee to Select the Winner of the Prize for Exemplary Program or Achievement by a Mathematics Department, 2011-2013.


Additional Information: Director, National Alliance for Doctoral Studies in the Mathematical Sciences; Iowa State Regents Award for Faculty Excellence, 2002; Brody Award for Service, 2003; Hubbard Award for Teaching, 2003; National AGEP Mentor of the Year, 2006; Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, 2008 (Awarded by President Barack Obama, January, 2010); Fellow of the AAAS, 2010; American Mathematical Society Award for Distinguished Public Service, 2014.


Statement by the Candidate: I am honored to have been nominated to serve on the Nominating Committee of the American Mathematical Society. We are going through a period of great change in our nation, becoming less and less European, more and more American. Our challenge is to embrace these changes, to transform our profession to reflect the new realities of our society, so as to maintain the central role that mathematics plays in all aspects of our intellectual life. If elected to the Nominating Committee, I will work to ensure that the candidates for our elected positions in the AMS will provide strong vision and leadership during this critical period of transition.

Douglas Lind

Professor Emeritus of Mathematics, Department of Mathematics, University of Washington.

Born: August 11, 1946, Arlington, Virginia.

Ph.D.: Stanford University, 1973


Additional Information: Vice Chair, Board of Trustees, MSRI, Berkeley, 1989-1995; Professeur Invité, Université Aix-Marseille, 1993; Mathematics Department Chair, University of Washington, 1993-1998; Chair, Organizing Committee, AMS Conference on Leadership in Doctoral Mathematics Departments, Bloomington, 1999; Chair, MSRI Building Addition Design Committee, 2003-2006; Research Member, MSRI Program on Ergodic Theory and Additive Combinatorics, Autumn Semester, 2008; Organizing Committee, First Pacific Rim Congress of Mathematicians, Sydney, July, 2009; Principal Organizer, NSF Advisory Workshop on Research Networks, April, 2009; Organizing Committee, Second Pacific Rim Congress of Mathematicians, Shanghai, June, 2013; Inaugural Fellow, American Mathematical Society, 2013.

Statement by Candidate: The Nominating Committee plays a crucial role in finding strong candidates for the most important leadership positions of the AMS. If elected, I would try hard to represent the broad interests of our community thoughtfully and fairly.

Kavita Ramanan

Professor of Applied Mathematics, Brown University.


AMS Committees: Eastern Section Program Committee Member, 2012-2014 (chair, 2013-2014). 


Statement by Candidate: I am honored to have been chosen as a candidate for the AMS Nominating Committee, which is charged with the important task of identifying candidates for election to AMS offices and committees. If elected, I will help identify dedicated candidates who are willing to devote some of their energy and creativity to implement the broad mission of the AMS, which includes promoting mathematics research and scholarship internationally and in an inclusive fashion, maintaining high standards of publication, improving public understanding of the importance of mathematics, and fostering the interaction of mathematics with other disciplines.

Member at Large

Matthew Baker

Professor of Mathematics, Georgia Institute of Technology.


Selected Addresses: Invited speaker, Arizona Winter School, Tucson, AZ, Spring 2007; Plenary Talk, Journées Arithmétiques, Saint-Étienne, France, Summer 2009; Featured speaker, Michigan Lectures in Number Theory, University of Michigan, Spring 2010; Invited address, AMS Southeastern Section Meeting, University of Richmond, Fall 2010; Principal speaker, Bellairs Workshop in Number Theory, Barbados, Summer 2011.

Additional Information: University System of Georgia Board of Regents Teaching Excellence Award, 2010; Fellow of the American Mathematical Society.


Statement by Candidate: Academia, education, and the publishing industry are all changing rapidly as a result of technology, budget cuts, and globalization. The AMS needs to be on top of these changes in order to remain a forceful advocate for mathematics. What is the future of open access journals? How will online instruction change the way mathematics is taught? How can we spot and nurture mathematical talent in the face of ever-increasing gaps between the rich and poor? How can we better harness the
internet and social media for the benefit of mathematics? I don’t have answers to all of these questions, but I’m very interested in helping discover and implement innovative solutions. Although I’ve never held an AMS office before, I do have experiences which are relevant to the tasks of the AMS Council. For example, I write a popular blog at http://mattbakerblog.wordpress.com and am currently developing an online Number Theory and Cryptography course for talented high school seniors. Last year I co-organized an AMS Math Research Communities workshop and I’ve been heavily involved with undergraduate research for more than a decade. If elected, I will try my best to promote mathematics research and education at all levels.

Yuliy Baryshnikov

Professor of Mathematics and Electrical and Computer Engineering, University of Illinois, Urbana-Champaign.
Born: March 30, 1961, Moscow, Russia.
AMS Committees: Short Course Committee, 2010-2012.

Statement by Candidate: The role mathematics is playing in science and engineering is becoming increasingly more visible. This process presents a remarkable opportunity for our community to assert the position of mathematics as the key element in advancement of science and technology, and to expand further the variety of ways mathematics contributes to the society.

Reinforcing ties of the mathematical profession to the broader science and technology community, I plan, if elected, to use my experience of two decades in industrial research to further the connections of the Society with the broader scientific and engineering communities. Reinforcing the ties of mathematical profession with the broader science and technology can be extremely beneficial for the profession itself: in particular, the career options for the young mathematicians can be vastly improved by closer interactions with scientific and engineering labs in academia, national laboratories, and industrial research.

Edward Frenkel

Professor of Mathematics, University of California, Berkeley.
Born: May 2, 1968, Kolomna, Russia.
Additional Information: Hermann Weyl Prize in mathematical physics, 2002; Chaire d’Excellence from Fondation Sciences Mathématiques de Paris, 2008; Eilenberg Chair, Columbia University, 2012; Fellow of the American Mathematical Society, 2013; “Love and Math” selected as one of the Best Books of 2013 by both Amazon and iBooks; Member of the American Academy of Arts and Sciences, 2014.
Solomon Friedberg

James P. McIntyre Professor of Mathematics, Boston College.

Born: September 26, 1958, New York, NY.


Selected Addresses: Plenary Speaker (4 lectures), Number Theory Xi’an, Northwest University, Xi’an, China, 2011; Plenary Speaker, Texas-Oklahoma Representations and Automorphic Forms I, Denton, TX, 2011; Plenary Speaker, Palmetto Number Theory Seminar XVIII, Wake Forest University, Winston-Salem, NC, 2012; Invited Address, Matemáticos en la Educación Matemática Escolar: En la búsqueda de impacto en nuestra realidad educacional, Santiago, Chile, 2012; Invited Address, Conference on Stark’s Conjectures and Related Topics, University of California, San Diego, 2013.

Additional Information: Sloan Fellow, 1989-1992; Distinguished Visiting Professor of Mathematics, Brown University, 2002; MAA Northeastern Section Award for Distinguished College or University Teaching, 2009; Board of Directors, Math for America Boston, 2012-present; Distinguished Ordway Visitor, University of Minnesota, 2014; Fellow of the AMS, 2014.


Statement by Candidate: The AMS is the primary advocate for mathematics scholarship in the US. In these challenging times—cuts in research funding, a difficult job market for young scholars, an increasing reliance on temporary and part-time faculty, and vastly uneven access to quality math instruction at the K-12 level—the AMS must do its utmost to ensure that mathematics scholarship remains vibrant. It must work to communicate to the public and elected officials the value of mathematics, to support young researchers, to develop increased ties to mathematicians in industry as well as throughout academia, to encourage interactions with scholars in neighboring disciplines, to promote diversity with energy and conviction, to support mathematics teachers at all levels, and to share with the next generation the excitement and beauty of mathematics. If elected to the Council I will encourage high-impact activities by the AMS in these areas.

Pamela Gorkin

Professor of Mathematics, Bucknell University.


Ph.D.: Michigan State University, 1982.


Selected Addresses: Banach algebras conferences, Stefan Banach International Mathematical Center, Bedlewo, Poland, 2009; Keynote speaker, Canadian Undergraduate Mathematical Conference, Laval University, Quebec City, 2011; Fields Institute, Conference on Blaschke Products, 2011; Plenary Speaker, Banach algebras and their applications, Gothenburg, Sweden, 2013; Special session invited speaker, Joint international meeting of the AMS-Romanian Mathematical Society, Operator theory and Function theory, 2013.


Statement by Candidate: It is an honor to be nominated for the position of Member at Large of the Council. I am fortunate to have spent my career at a liberal arts college that values and supports both research in and the teaching of mathematics, as well as outreach. My experiences have
provided me with opportunities to advance mathematics in the public sphere, to support young mathematicians, and to understand the importance of the scholarship, research and teaching of mathematics. Through my travels and visiting positions at institutions in other countries, I have gained an understanding of other mathematical communities that I hope will be beneficial to the AMS. If elected, I will use these experiences to encourage a diverse group of talented undergraduate and graduate students, advise those looking for employment in the field, and foster engagement from mathematicians at a variety of institutions.

Michael Anthony Hill

Associate Professor of Mathematics, University of Virginia.

Born: February 12, 1980, Alexandria, LA.


Selected Addresses: Guterman Lecture, Tufts University, April 2013; Master class, Vietnam Institute for Advanced Study in Mathematics, July 2013; Master class, University of Copenhagen, August 2013; AMS Invited Address, Fall Southeastern Sectional Meeting, University of Louisville, Louisville, KY, October 2013; International Congress, Topology session, Seoul, Korea, August 2014.

Additional Information: Alfred P. Sloan Research Fellowship, 2011; Member: AWM.


Statement by Candidate: It is an honor to be nominated to serve the AMS. We have a wonderful community built around our common love of mathematics and being able to help the AMS with its missions is a wonderful opportunity. The AMS plays a vital role in our community, from helping mathematicians navigate jobs in academia and industry to fostering interest in mathematics in the broader community.

If elected, my goals are threefold:

1. Work to increase diversity in the field, emphasizing the inclusion of underrepresented groups. Organizations like AWM, NAM, and Math Alliance do incredible work with underrepresented groups, and the AMS can do more to support their efforts and the participation of mathematicians from these groups.

2. Help mathematics students determine their best career options with more transparent avenues to industry. Students at research institutions may not know what sorts of skills and approaches best help them secure industry jobs. The AMS can help connect students with this kind of information.

3. Help mathematicians navigate an increasingly web-centric world. The AMS can help provide information and resources for mathematicians interested in exploring MOOCs, online collaborative tools, MathOverflow, and other tools.

Wen-Ching Winnie Li

Distinguished Professor of Mathematics, Pennsylvania State University.

Born: December 25, 1948, Taiwan.


Statement by Candidate: I strongly support the central role of the AMS in promoting mathematical research and the interests of mathematicians, enhancing mathematics...
education at all levels, and publicizing the developments in pure and applied mathematics. If elected, it would be my honor to serve on the Council to help the society accomplish these goals.

Ezra Miller

Professor of Mathematics, Duke University; Associate Director, Statistical and Applied Mathematical Sciences Institute (SAMSI).

Born: Maryland, 1974.


Statement by Candidate: In today’s evolving interdisciplinary world, it is vital that the mathematical community increase the real and perceived importance of our field and raise scientifically multilingual young practitioners. I would be honored to represent these interests on the Council, bringing to bear experiences running annual programs at MSRI and SAMSI as well as smaller-scale events at other institutes. These organizational activities have bolstered my research and mentoring in pure mathematics while additionally leading me to interactions between mathematics, statistics, and basic or applied sciences such as biology, chemistry, medical imaging, and neuroscience.

Mary Pugh

Associate Professor, University of Toronto.


Statement by Candidate: I'm honored and excited to stand for election to the AMS council! The AMS does an excellent job serving and promoting the mathematics community. It provides an extensive and exciting collection of journals and books, runs many conferences a year, and is tireless in advocating the importance of mathematics. It is an effective, open, democratic, and welcoming society with many proud members.

I have been extensively involved with SIAM, including being elected to and serving two terms on SIAM council as well as serving on various other SIAM committees. Also, since 2001 I have been based in Canada. As a result, I would view things from a slightly different angle from many other council members—a valuable contribution, I hope.

One thing that I am especially concerned about are the options for students and postdocs who leave academia—we have provided them with wonderful mathematical training in many ways but there could be further support for those who choose to transition out of academia. And
there are many things that we can learn from those using their mathematical training and skills outside of academia; it would be good to have more communication between these worlds.

For example, the AMS offers corporate memberships. It would be interesting to have an AMS industrial internship program for students and postdocs. The AMS’s reputation and stability would make it attractive for companies to commit to such partnerships. Among the benefits, interns would return to their home institutions with interesting and vital research problems, the boundaries between academia and non-academia would become more porous, and a successful internship program would recruit new corporate members and as well as benefit the existing corporate members.

Jared Wunsch

Professor of Mathematics and Department Chair, Northwestern University.

Born: 1971, Boston, MA.


AMS Committees: Central Section Speakers Committee, 2011-2013.

Additional information: Maître de Conférence Invité, Université de Paris XI, Orsay, May 2004; Professeur Invité, Université de Paris Nord, May-June, 2007; Research Professor, MSRI, 2008-2009; Distinguished Teaching Award in the Weinberg College of Arts and Sciences, Northwestern University, 2011; Professeur Invité, Université de Nantes, July 2013; Fellow of the AMS, 2013; Department Chair, Northwestern University Department of Mathematics, 2013-present.

Selected Addresses: Clay Mathematics Institute Summer School on Evolution Equations, ten-lecture course, ETH Zürich, June 2-July 4, 2008; MSRI Evans Lecture, Berkeley, September 2008; Invited address, Fall Central Section Meeting, Notre Dame, November 2010.


Statement by candidate: Mathematics enjoys an unusually democratic social structure. The widespread recognition that great mathematical ideas can come from anywhere and anyone has mostly served to keep our community supportive of all its members. At the same time, considerable pressure from funding agencies and deans’ offices is pushing us toward ever more focused celebration of the few biggest success stories, and the effects of the “star system” are ever more visible in academic recruitment and grant funding. We need to find ways of promoting our achievements to the wider world without betraying the interests of the larger math community. These are issues that I have faced on a small scale as a department chair and that the AMS is in a position to tackle much more broadly. Math is the apotheosis of a small science, and we need our achievements to be celebrated and our research funded without compromising our core values or our mission. Another central issue facing the AMS is the future of academic publishing. Careful consideration needs to be given to the headlong rush toward open access as well as to the need to accommodate e-books in the AMS’s excellent book publishing operation.

Editorial Boards Committee

Todd Arbogast

Professor of Mathematics, The University of Texas at Austin.

Born: December 9, 1957, Minneapolis, MN.


Additional Information: Associate Editor: SIAM Journal on Numerical Analysis, 1999-2013; Editorial Board Member: Advances in Water Resources, 2000-present; Program Director and Chair, SIAM Activity Group on Geosciences, 2007-2008, 2013-2014; Institute for Computational Engineering & Sciences Distinguished Research Award, University of Texas at Austin, 2011; Fellow of the AMS, appointed 2012.


Statement by Candidate: One of the most important functions of the AMS is to publish first rate mathematics journals and books. The publishing industry is undergoing significant change; nevertheless, high standards are maintained by rigorous peer review and copyedited archival documents. If elected to the Editorial Boards Committee, I would strive to maintain the high standards and stature of AMS publications.

Danny Calegari

Danny Calegari, Professor of Mathematics, University of Chicago.

Born: May 24, 1972, Melbourne, Australia.


AMS Committees: Associate Editor, Notices of the American Mathematical Society, 2013-present.

Selected Addresses: Clay Lecture Series, Melbourne-Sydney-Canberra-Adelaide, July-October 2009; Namboodiri Lectures, Chicago, April 2012; Blumenthal Lectures, Tel Aviv, January 2013.

Additional Information: Clay Research Award, 2009; Royal Society Wolfson Research Merit Award, 2011; AMS Fellow, 2012.


Statement by Candidate: The AMS journals are a model of the future of mathematical publishing, with their commitment to low cost, high quality, electronic accessibility, and open-minded copyright policy. It is important that much of the best that our discipline produces should be curated by a professional organization answerable to mathematicians, and not to commercial interests. Mathematics is deep, broad, and diverse; and the members of the AMS editorial boards should be receptive to depth, breadth, and diversity.

Richard Hain

Richard Hain, Professor of Mathematics, Duke University.

Born: August 15, 1953, Sydney, Australia.


AMS Offices: Member at Large of the Council, 2010-2013.


Selected Addresses: Arbeitstagung, Bonn, 1988; AMS Invited Hour Address, Memphis, TN, 1997; Frontiers in Mathematics Lectures, Texas A&M University, 1997; Current Developments in Mathematics, Harvard-MIT, 2002; Course at IHES, May 2014.


Statement by Candidate: One of the most important functions of the Society is to produce high quality, reasonably priced books and journals. This is particularly important in these days of constrained budgets. If elected, I will seek to identify individuals to serve on the editorial boards of AMS publications who will maintain the quality and integrity of the Society’s publications.
Hee Oh

Professor of Mathematics, Yale University.


Ph.D.: Yale University, 1997.


Additional Information: Scientific advisory board at American Institute of Mathematics, 2010-present; US delegate to the 17th IMU General Assembly, Gyeongju, Korea, 2014.


Statement by Candidate: I am honored to have been asked to run for election to the Editorial committee. The AMS journals play a very important role in publishing high-quality research papers. If elected, I will do my best to select candidates with strong research credentials as well as a high level of responsibility in dealing with submissions in a timely manner.
Your suggestions are wanted by:

The Nominating Committee, for the following contested seats in the 2015 AMS elections:
vice president, trustee,
and five members at large of the Council

Deadline for suggestions: November 1, 2014

The President, for the following contested seats in the 2015 AMS elections:
three members of the Nominating Committee
two members of the Editorial Boards Committee

Deadline for suggestions: January 31, 2015

The Editorial Boards Committee, for appointments to various editorial boards of AMS publications

Deadline for suggestions: Can be submitted any time

Send your suggestions for any of the above to:

Carla D. Savage, Secretary
American Mathematical Society
Department of Computer Science
North Carolina State University
Raleigh, NC 27695-8206 USA
email: secretary@ams.org
Vice President or
Member at Large
One position of vice president and member of the Council
ex officio for a term of three years is to be filled in the elec-
tion of 2015. The Council intends to nominate at least two
candidates, among whom may be candidates nominated
by petition as described in the rules and procedures.

Five positions of member at large of the Council for a
term of three years are to be filled in the same election.
The Council intends to nominate at least ten candidates,
among whom may be candidates nominated by petition in
the manner described in the rules and procedures.

Petitions are presented to the Council, which, according
to Section 2 of Article VII of the bylaws, makes the nomi-
nations. The Council of 23 January 1979 stated the intent
of the Council of nominating all persons on whose behalf
there were valid petitions.

Prior to presentation to the Council, petitions in sup-
port of a candidate for the position of vice president or
of member at large of the Council must have at least fifty
valid signatures and must conform to several rules and
procedures, which are described below.

Editorial Boards Committee
Two places on the Editorial Boards Committee will be filled
by election. There will be four continuing members of the
Editorial Boards Committee.

The President will name at least four candidates for
these two places, among whom may be candidates nomi-
nated by petition in the manner described in the rules and
procedures.

The candidate’s assent and petitions bearing at least 100
valid signatures are required for a name to be placed on
the ballot. In addition, several other rules and procedures,
described below, should be followed.

Nominating Committee
Three places on the Nominating Committee will be filled
by election. There will be six continuing members of the
Nominating Committee.

The President will name at least six candidates for these
three places, among whom may be candidates nominated
by petition in the manner described in the rules and
procedures.

The candidate’s assent and petitions bearing at least 100
valid signatures are required for a name to be placed on

Rules and Procedures
Use separate copies of the form for each candidate for vice
president, member at large, member of the Nominating or
Editorial Boards Committees.

1. To be considered, petitions must be addressed to
Carla D. Savage, Secretary, American Mathematical
Society, 201 Charles Street, Providence, RI 02904-2294
USA, and must arrive by 24 February 2015.

2. The name of the candidate must be given as it appears
in the Combined Membership List (www.ams.org/cm1). If
the name does not appear in the list, as in the case
of a new member or by error, it must be as it appears
in the mailing lists, for example on the mailing label of
the Notices. If the name does not identify the candidate
uniquely, append the member code, which may be ob-
tained from the candidate’s mailing label or by the can-
didate contacting the AMS headquarters in Providence
(amsmem@ams.org).

3. The petition for a single candidate may consist of sev-
eral sheets each bearing the statement of the petition,
including the name of the position, and signatures.
The name of the candidate must be exactly the same
on all sheets.

4. On the next page is a sample form for petitions. Peti-
tioners may make and use photocopies or reasonable
facsimiles.

5. A signature is valid when it is clearly that of the mem-
ber whose name and address is given in the left-hand
column. The printed name and address will be checked
against the Combined Membership List and the mail-
ing lists. No attempt will be made to match variants
of names with the form of name in the CML. A name
neither in the CML nor on the mailing lists is not that of
a member. (Example: The name Carla D. Savage is that
of a member. The name C. Savage appears not to be.)

6. The signature may be in the style chosen by the signer.
However, the printed name and address will be checked
against the Combined Membership List and the mail-
ing lists. No attempt will be made to match variants
of names with the form of name in the CML. A name
neither in the CML nor on the mailing lists is not that of
a member. (Example: The name Carla D. Savage is that
of a member. The name C. Savage appears not to be.)

7. When a petition meeting these various requirements
appears, the secretary will ask the candidate to indicate
willingness to be included on the ballot. Petitioners can
facilitate the procedure by accompanying the petitions
with a signed statement from the candidate giving
consent.
Nomination Petition for 2015 Election

The undersigned members of the American Mathematical Society propose the name of

______________________________

as a candidate for the position of (check one):

☐ Vice President (term beginning 02/01/2016)
☐ Member at Large of the Council (term beginning 02/01/2016)
☐ Member of the Nominating Committee (term beginning 01/01/2016)
☐ Member of the Editorial Boards Committee (term beginning 02/01/2016)

of the American Mathematical Society.

Return petitions by 24 February 2015 to:
Secretary, AMS, 201 Charles Street, Providence, RI 02904-2294 USA

Name and address (printed or typed)

______________________________
Signature

______________________________
Signature

______________________________
Signature

______________________________
Signature

______________________________
Signature

______________________________
Signature