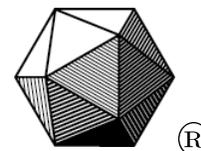


Winter 2016 Newsletter



KYMAA Annual Meeting 2016

The 2016 Kentucky Section of the MAA is Friday and Saturday, April 1 and 2, 2016 at Northern Kentucky University. The deadline for abstract submission is Tuesday, March 15, 2016. The deadline for banquet reservations is Wednesday, March 23, 2016. Registration and hotel information may be found at

<http://sections.maa.org/kentucky/meetings/kymaaAnnual2016/indexAnnual2016.shtml>.

Spring Meeting Invited Speakers

Jennifer Quinn is a professor of mathematics in the School of Interdisciplinary Arts & Sciences at the University of Washington Tacoma and interim director for the campus's Teaching & Learning Center. She earned her BA, MS, and PhD from Williams College, the University of Illinois at Chicago, and the University of Wisconsin, respectively. After twelve years teaching at Occidental College, rising to the rank of full professor and serving as Department Chair, Jenny left her tenured position to follow her husband to the Pacific Northwest. During that uncertain time, she had the privilege to serve as Executive Director for the Association for Women in Mathematics for two years while lecturing part-time at local Tacoma institutions. She was hired by UW Tacoma in 2007 to help create a non-existent mathematics curriculum in the newly expanded four-year institution and has thrived there ever since.



Jenny received one of MAA's 2007 Haimo Awards for Distinguished College or University Teaching, the MAA's 2006 Beckenbach Book award for Proofs That Really Count: The Art of Combinatorial Proof, co-authored with Arthur Benjamin, and had the honor to co-edit Math Horizons (also with Arthur Benjamin) from 2004-2008. Over the years she has served on the boards or steering committees of the Spectrum Book series, Mathematics Magazine, Math Horizons, Phi Beta Kappa Alpha Alumni Association of California, and Oregon Public Broadcasting's production Mathematics Illuminated.

As a combinatorial scholar, Jenny thinks that beautiful proofs are as much art as science. Simplicity, elegance, and transparency should be the driving principles. She strives to bring this same ethic to her professional service and administrative work.

This article came from <http://www.maa.org/about-maa/governance/jennifer-quinn>.



Dr. Joseph Gallian took office as the President of the Mathematical Association of America in January of 2007. He obtained a B.A. from Slippery Rock University in 1966, an M.A. from the University of Kansas in 1968 and a Ph.D. from the University of Notre Dame in 1971. After serving as a visiting Assistant Professor at Notre Dame for one year, he went to the University of Minnesota Duluth where he is a Morse Alumni Distinguished University Professor of Teaching.

Among his honors are the MAA's Haimo Award for distinguished teaching, the MAA Allendoerfer and Evans awards for exposition, an MAA Polya Lecturer, a term as MAA Second Vice President, co-director of the MAA's Project NExT, associate editor of the American Mathematical Monthly and the Mathematics Magazine, advisory board member for Math Horizons, and the Carnegie Foundation for the Advancement of Teaching Minnesota Professor of the Year in 2003.

Since 1977 over 100 research papers written under his supervision by undergraduates in his summer research program have been published in mainstream journals. He has given more than 250 invited lectures at conferences and colleges and universities and is the author or editor of five books and more than 100 articles.

Besides the usual math courses, he has taught a Humanities course called the "The Lives and Music of the Beatles" for more than 25 years and a liberal arts course on math and sports. In 2000 a Duluth newspaper cited him as one of the "100 Great Duluthians of the 20th Century."

This article came from <http://www.maa.org/dr-joseph-gallian>.

Alex McAllister received the 2015 KYMAA Section's Distinguished Teaching Award. McAllister joined the Centre College faculty in 1999, and is H. W. Stodghill, Jr. and Adele H. Stodghill Professor of Mathematics. In 2009, he received the Kirk Teaching Award, and has been honored as a Centre Scholar both in 2005 and in 2010. He has prior teaching experience as a visiting assistant professor at Dartmouth College and a graduate instructor at the University of Notre Dame. McAllister was also a research assistant at NASA's Goddard Space Flight Center.



McAllister's scholarly interests include mathematical logic and foundations, and computability theory. His articles have been published in the Archive for Mathematical Logic, the Journal of Symbolic Logic, and the Mathematical Logic Quarterly. In 2009, Oxford University Press published *A Transition to Advanced Mathematics: A Survey Course*, which McAllister co-authored with William Johnston of Randolph-Macon College. McAllister holds a B.S. from Virginia Polytechnic Institute and State University, and a Ph.D. from the University of Notre Dame. He is a member of Phi Beta Kappa, Omicron Delta Kappa, and Pi Mu Epsilon.

This article came from <https://www.centre.edu/directory/faculty-directory/name/alex-mcallister/>.

Upcoming Section Officer Vacancies

This year the section needs to fill the positions of Vice-Chair and Newsletter Editor. Both positions are 3 year terms. The Vice-Chair is in charge of the annual survey and is liason with the MAA book sales. The Newsletter Editor is reasonably self explanatory. The position descriptions are listed in the bylaws at <http://sections.maa.org/kentucky/information/bylaws.shtml> Should you wish to nominate someone (including yourself), please contact Scott Dillery at dillerys@lindsey.edu.

KYMAA History

The Kentucky Section of the Mathematical Association of America was founded in 1917, two years after the formation of the MAA in 1915. In preparation for the centennial celebration of the KYMAA in 2017, Dan Curtin of Northern Kentucky University and our section historian has compiled historical information for the section. This includes a short history of the section along with *American Mathematical Monthly* articles on the founding of the MAA and KYMAA. Dan's work may be found on the KYMAA website at <http://sections.maa.org/kentucky/information/history/indexHistory.shtml>.

Future Meetings

The next MathFest will be in in Columbus, OH (where the first summer meeting was held), 3-6 August 2016. Call for Papers is now available at <http://www.maa.org/sites/default/files/pdf/mathfest/MF16CallForPapers.pdf>.

The next JMM will be in Atlanta, GA, January 4-7, 2017. To submit propose a session go to <http://www.maa.org/node/87/>.

Marshall University REU Summer 2016 and 2017

Marshall University will host a mathematics REU in Summer 2016 and 2017 focusing on combinatorics. The program will host nine students each year in Huntington, WV. Applications for the Summer 2016 program will open in February. Students from the Ohio, Kentucky, Virginia, and West Virginia region are encouraged to apply, as are first-generation college students, women, and students from traditionally underrepresented groups. The faculty mentors in 2016 are Elizabeth Niese (PI), Carl Mummert, and Michael Schroeder. For additional information, please see <http://www.marshall.edu/math/reu> or send email to mathreu@marshall.edu.

University of Kentucky Offers Masters Toward Earn Teaching Credential

Have you ever considered sharing your love of mathematics to others and inspiring them to love learning as much as you do? If so, you should consider becoming certified to teach high school mathematics. A rewarding career awaits! If you have a strong mathematical background, the University of Kentucky offers a one year master's program that will earn you credentials to teach high school mathematics. Email Lisa Amick today for more information! lisa.amick@uky.edu.

News from the Board of Governors Meeting at JMM

The MAA Board of Governors met for a full day of reports and discussion on January 5, 2016 – the day before the start of the Joint Math Meetings in Seattle. This was my fourth BOG meeting. I am always impressed with the amount of passion for our organization that is on display at these meetings. The day starts with breakfast and causal conversation, catching up on what has happened in the months since we last met. Once we all find our places we go around the room of about seventy people introducing ourselves.

We began with a discussion of membership concerns. President Francis Su reported on data he had collected that indicated that 24% of non-retired tenure-stream math faculty in the US are members of MAA, 26% members of AMS, and 8% members of both. This means 58% are members of neither so there is definitely room to grow. We are especially lagging a bit in junior faculty. Among Project NExT members who have dropped their MAA membership, half said they did not see a benefit of membership. We considered several ideas to address these concerns. Ideas included going back to a tiered membership fee with junior faculty members and adjuncts paying less than more senior members and providing more members-only benefits behind a member wall on the web. These benefits might include MathFest Lectures, professional development webinars, or a library of teaching resources. A task force is being formed to advise MAA on the best uses of social media.

The MAA continues to incur annual operating deficits (11 consecutive years totaling a deficit over 2.2 million dollars). Total net assets have remained relatively stable in the 13 million dollar range during this time but most of this is in the value of buildings. The primary cause of operating deficits appears to be decreased membership and reduced income from book and journal sales. Efforts to reduce deficits are focused primarily on improving revenue through new membership structure though some cost saving measures have also been implemented. In an effort to increase membership among students, Departmental Membership now includes Student Membership for an unlimited number of full-time math students nominated by the department. Departmental membership also includes membership for one faculty member who will act as the departmental membership administrator. See the website for a list of other benefits and costs of departmental membership.

<http://www.maa.org/membership/membership-categories/departmental-membership-benefits>

Board of Governors Continued

The Board is moving into the final phase of modification of the governance structure for the organization. This has been in process since my first meeting at MF 2014. A task force presented three models for governance at MF 2015. After considerable discussion the task force was charged to narrow this to two models. These were presented and voted on in Seattle at JMM 2016. The chosen model consists of a Board of Directors (9 members) and an Assembly consisting of about 50 members. The Assembly will maintain a section representative from each of the 29 sections as well as 3-6 members at large. It will also include all members of the Board of Directors and seven council chairs. I am happy to provide more details at our Spring meeting in April. The next step in the process is the work of a new task force to propose necessary revisions to the bylaws. It is expected that this work may take about a year. The goal is to have these revisions ready for approval by the membership next spring.

Finally, there is ample opportunity for anyone interested in being actively involved in the work of the MAA. A list of the seven councils of the MAA and all the subcommittees may be found here

<http://www.maa.org/about-maa/governance/council-and-committees-list>.

I encourage you to send me an email to let me know in what capacity you would like to serve. I will quickly pass your name to the appropriate person in charge. A strong organization requires the work of many members. It is with gratitude to the members of the Kentucky Section that I have had the opportunity to serve.

John Wilson
Centre College