



Ohio Focus

The MAA Ohio Section Newsletter

Volume 10

Fall 2013

Number 3

Cleveland State University to host Ohio MAA for Fall Meeting on October 4 – 5, 2013

A variety of speakers will highlight the Ohio MAA section meeting this fall. The events will take place on the campus of Cleveland State University during the first weekend of October, the fourth and fifth.

For Friday's activities, members of Ohio MAA will hear from Tim Chartier of Davidson College and Richard Cleary from Babson College. Dr. Chartier will provide the first invited address "Sports Ranking—March Madness to Twitter" and Dr. Cleary will follow with "Some Non-Standard Sports Applications of Mathematics and Statistics". After a contributed paper session and banquet, Tim Chartier will return with the after dinner presentation "Mime-matics".

On Saturday, the two invited speakers hail from Ohio

colleges. Dr. Brad Hartlaub of Kenyon College will open the morning's talks and Dr. Harold Putt of Ohio Northern University, the 2012 section teaching award winner, will complete the conference with "Using Game Theory to Teach Critical Thinking Skills and Quantitative Literacy".

All of these events will be sandwiched between two other professional growth opportunities. The Ohio NExT program begins with a banquet on Thursday October 3 and continues through Friday morning. On Saturday afternoon, the fall workshop will be held in the Rhodes Tower on the Cleveland State campus. This year's topic on inquiry based learning will be led by Dr. Carol Schumacher of Kenyon College. More information on Ohio NExT and the IBL workshop can be found on pages 5 and 10 respectively.

Meeting Registration

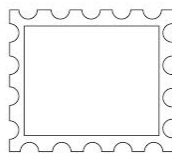
Online registration is preferred. Visit the Section web site at www.maa.org/Ohio on or after Tuesday, August 27, for one-stop registration, banquet reservation, and abstract submission. The deadline for meeting pre-registration and banquet reservations is September 27. Abstracts for contributed papers must be submitted by September 20.

On-site meeting registration is always available, but last-minute banquet tickets cannot be guaranteed. Early registration helps those making the meeting arrangements and is always appreciated. Registration will be held beginning 12:00 pm on Friday in the atrium of Main Classroom and will continue Saturday morning at 8:00 am.

Meeting participants who are unable to register online at www.maa.org/Ohio may register by mail by sending the following information: name, affiliation, address, phone, e-mail address (if any), type of position, and banquet buffet reservation. Send with check, payable to Ohio Section MAA, for applicable fees [registration fee (\$30 ordinary registration, \$15 retired or part-time, no fee for students or first-time attendees), banquet fee (\$26 per

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Postage Stamp Design Contest



The Ohio Section plans to issue a commemorative "PhotoStamp" for its Centennial in 2015. This stamp would be valid for the current USPS First Class postage rate, but it would be privately printed, and its actual cost would

be higher. The Centennial Committee is seeking designs for this stamp. The artwork may be multi-colored, and it must include the text, "MAA Ohio Section 1915-2015." Submissions should be in a square format, as the final image size will be 1.1" x 1.1."

To be a part of this project, please submit your proposed design to Tom Dence <tdence@ashland.edu> by December 1, 2013. If your design is chosen by the Centennial committee, you will be recognized during the centennial celebration and will receive a complimentary sheet of 20 stamps.

For additional information go to <http://photo.stamps.com/Store/learn-more/> or contact David Kullman <kullmade@miamioh.edu>.

President's Message

I want to welcome everyone back to what will be a productive academic year for the Ohio Section of the MAA and its members, as well as thank them for their efforts during the previous year. I hope your term is off to a terrific start, and I look forward to your participation in section activities this year.

I want to thank Lew Ludwig and Denison University for hosting a great Spring Meeting last April. Lew Ludwig, who, by the way, was presented with the Section's teaching award at the business meeting, did a fantastic job with the local arrangements. Adam Parker and the entire Program Committee, assembled a great slate of speakers. Wiebke Diestelkamp gave the retiring president's address. The program also included Bob Bosch of Oberlin College and Barbara Faires of Westminster College and the Secretary of the MAA. Sir Randolph Bacon III, cousin-in-law of Colin Adams from Williams College, spoke and Colin organized the students for a stage performance after the banquet. Based on the favorable reaction to this, some future meetings will likely also have student performances. Fifteen students gave contributed talks; I want to express gratitude for the faculty mentoring that helped make this possible. I want to especially commend the Program Committee, Lew, and Wiebke for their ability to make some last minute necessary adjustments.

As we move forward, I hope to see a large number of you at the Fall Meeting at Cleveland State University. Lew Ludwig and the Program Committee have put together a super program that includes invited talks from Rick Clearly of Babson College, Tim Chartier of Davidson College, Brad Hartlaub of Kenyon College, and Harold Putt of Ohio Northern University. I want to remind you of the opportunity to share some nice mathematics with the membership by giving a contributed talk at the



section meeting. Why not consider doing so this fall at Cleveland State? I hope to see a large number of the membership at this meeting.

As has been the case the last two fall meetings, CONSACT (the committee on section activities) has put together a workshop to follow the meeting rather than put on a summer short course. The Fall 2013 workshop is on inquiry based learning that will be facilitated by Carol Schumacher of Kenyon College. Details are in this newsletter. I strongly encourage you to take advantage of this additional professional development after the conclusion of the meeting if you are interested and able. The decision to have a workshop after the meeting was a response to the low attendance at recent summer short courses. I applaud the members of CONSACT for creating an alternate activity to better meet the needs of the membership. Also, I want to let the section know that there are vacancies on this committee. If you are interested in serving on the committee or have ideas for a future workshop, please contact the CONSACT chair, Barbara Margolius, or me.

At the section officers meeting at MathFest, which was held in Hartford, the planning for the MAA Centennial celebration at MathFest

2015 in Washington DC was discussed. This program will be bigger than the normal program, including one extra day of programming, three additional invited addresses, and some joint activities with Bridges, a Math and Art conference. Sections were invited to write their histories, and the Ohio Section, along with the Pacific Northwest section, was cited as exemplary! Thanks to Danny Otero, David Kullman, and others (particularly those who wrote a history of a department) for all the hard work that garnered this distinction. Another item brought up at the meeting was the book sales at section meetings. As was the case last year, hard copies of books cannot be sold at a section meeting, though there will be display copies. Ordering is now done online. The codes are valid for one week before and after a section meeting. The national leadership was pleased with the transition; however, sales were slightly below previous levels, with a fair amount of variation in the effects from section to section. There was a feeling that more could be implemented in terms of the location and signage that would improve sales. A further piece of information was the redesign of the MAA website, as the national office is proud of the content management that will be integrated into the site, and how it is now better tied to the membership data base. The website also reflects and the new and simplified membership structure that was described in the summer issue of the national *MAA Focus*.

Ohio Project NExT is a great program for faculty who have started teaching in Ohio the last several years. It is a terrific opportunity to connect with members of the section. The co-coordinators, Chris Swanson, Katie Cerrone, and John Tynan, are developing an exciting program for this coming year. All faculty in their first 5 years of teaching in the section are encouraged to

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Governor's Report

As I write this report, it is the beginning of August, and I have just returned from MathFest in Hartford, Connecticut. I attended some phenomenal talks, learned some mathematics, got some fresh ideas to use in my fall classes, and caught up with old friends. But before that, I participated in the MAA Board of Governors meeting.

The Governors spent a good bit of time at the Board meeting discussing issues of declining membership. Professional organizations nationally are experiencing a decrease in membership, so we are not alone. A significant part of the MAA budget is dependent on membership dues, though, so if we don't stabilize or increase overall membership, we may eventually have to cut back on some programs.

The MAA has enriched my professional life in a wide variety of ways. For example, most of the new things I try with my students can be traced back to something I heard in a talk at an MAA meeting, or something that came up in discussion between talks at an MAA meeting. Aside from the ways that the MAA benefits me personally, though, I am proud to be part of and to support an organization that does so much to promote mathematics education at the K-16 level.

I joined the MAA as an undergraduate, and maintained my membership because people I knew and respected told me I should. Many others at the Board meeting shared similar stories. A personal connection is the most effective way of attracting new members, so I encourage you to talk with your colleagues, particularly those in the early stages of their careers, about what you appreciate and value about the MAA. Similarly, if you have graduate students or undergrads who are preparing for graduate school, make sure they are aware of the benefits of MAA membership. Bring them with you to an Ohio Section meeting so they can experience first-hand the vibrancy of our Section and make connections with faculty and students from other institutions.

The new membership structure that I mentioned in my last report has gone into effect. The membership categories and their benefits are described in the June/July issue of *Focus*, and on the MAA website at <http://www.maa.org/membership/membership-categories>. You'll notice that both the "member" and "member plus" categories come with electronic subscriptions to all of the MAA journals, and a print subscription to *MAA Focus*. Print subscriptions to any of the other journals may be added for an additional fee. There is a plan in place to offer discounted one-year memberships for people in various categories,



such as unemployed or new members, but the website does not currently reflect that information. Any members requesting such discounts will be required to call MAA member services in order to apply. This is a vast simplification of the old structure, and will make it possible for the MAA to serve its members more effectively. It will also curtail abuses such as people who repeatedly joined at the discounted "new member" rate.

The new MAA website went live in July, about two weeks before

MathFest. The URL is still <http://www.MAA.org>. I encourage you to spend some time exploring the resources on the site. I'll highlight just one feature here, by quoting from the website: "Curriculum Inspirations is a collection of resources for Middle and High School Math Teachers that demonstrate practical ways to engage students in the lively exploration of mathematics and mathematical thinking using problems from America's longest-running and most successful mathematics competition. Developed by James Tanton, these resources include *Ten Problem Solving Strategy Essays* and *Curriculum Bursts*." *Curriculum Bursts* ties problems from the AMC competitions to the Common Core State Standards. If you know any high school or middle school teachers, or if you work with preservice teachers, encourage them to check out this fantastic resource!

I am pleased to report that Aparna Higgins from the University of Dayton will receive the MAA Certificate of Meritorious Service at the Joint Mathematics Meetings in Baltimore, in January 2014. The Ohio Section nominated Aparna for this award for her many leadership roles in the MAA over the years, most notably her involvement with Project NExT. A reprint of her award citation will appear in the spring edition of *Ohio Focus*.

You history buffs will be interested to know that the MAA and AAM (Archives of American Mathematics) have received a grant to digitize some MAA films produced in the 1960's. The conversion should begin this month; once it's complete, the videos will be posted on the AAM website, at <http://www.cah.utexas.edu/collections/math.php>.

The MAA has a plethora of national committees. If you

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Call for Nominations for the 2014 Ohio Section Distinguished Teaching Award

There are many outstanding mathematics educators in the Ohio Section, and one way to recognize them for their excellence is to nominate them for the Ohio Section Award for Distinguished College or University Teaching of Mathematics. If you know of such an outstanding educator, please consider nominating him or her for this honor.

To make a nomination, complete the one-page nomination form, write a description of why you have chosen to nominate this individual, and solicit recommendations from colleagues and current or former students. Nomination forms and detailed instructions are available from the Ohio MAA Website at <http://sections.maa.org/ohio/Award/>. Nominees must be members of the MAA and the Ohio Section, and they must have more than seven years of teaching experience in the mathematical sciences at the college/university level.

The award will be presented at the 2014 Spring Meeting

of the Ohio Section, and appropriate publicity will be generated at the winner's home institution. The winner will become the Ohio Section's nominee for the MAA's 2016 Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics. Past Ohio Section winners who have gone on to receive the Haimo Award are Aparna Higgins (University of Dayton, 2005) and V. Frederick Rickey (Bowling Green State University, 1993).

Nominations should be sent to Pam Warton, Secretary of the Ohio Section of the MAA, via e-mail to warton@findlay.edu (preferred) or via postal mail to Pam Warton, Department of Mathematics, University of Findlay, 1000 N. Main St., Findlay, OH 45840.

If you have questions or comments, please contact Wiebke Diestelkamp, Chair of the Teaching Award Committee, at wiebke@udayton.edu or 937-229-2013.

The nomination deadline is January 1, 2014.

Low Ludwig Receives Ohio Section Teaching Award

Denison University Professor Low Ludwig received the 2013 Ohio Section Award for Distinguished College or University Teaching of Mathematics during the Annual Meeting in April. Established at Denison University since 2002, Dr. Ludwig has been described as "an excellent mentor, an exceptional teacher of mathematics and he



Low Ludwig (left) accepts his award from 2012 winner Harold Putt

is always looking for ways to more effectively engage students, both those who love math and those who don't." Lew's teaching mentor stated "I also discovered quickly that I could learn a lot of new teaching techniques from Lew" and that he "firmly believes in providing an atmosphere in which students can take charge of their education."

He has been involved in workshops, panel discussions and invited talks at the national level regarding improvement of student presentation skills. His contributions include a series of vignettes on math talk do's and don'ts. Lew's DVD, "Technically Speaking" has been distributed to nearly 500 mathematics departments.

In addition to several contributed talks on pedagogy and undergraduate research, Lew has aided the Ohio Section as a member of CONSACT, the program committee, and has handled the local arrangements for an annual Section meeting at Denison University.

As one of his students explained, "From the very first time a student sits down in a class run by Dr. Ludwig, they can sense that it will be unlike other math classrooms they have been in before" and that he "puts the responsibility on his students to gain a sense of academic curiosity and a passion to come to class to learn how to do the problems they are asked to try on their own the night before."

Congratulations to Low Ludwig with gratitude for his contributions to the mathematical world.

Call for Papers

Fifteen-minute presentations on any topic of general interest in mathematics or related areas are encouraged for the Contributed Paper Sessions on Friday afternoon and Saturday morning at the fall Ohio Section meeting. Reports on projects, research announcements, or anything you believe would be of interest to those in attendance are welcome. Contributors should send a title and brief abstract by **Friday September 20, 2013**.

Online submission with your meeting registration (at <http://sections.maa.org/ohio/>) is strongly preferred, but if necessary, you may submit your title and abstract to the chair of the Program Committee, Lew Ludwig, by e-mail at ludwigl@denison.edu, or by U.S. mail at Department of Mathematics and Computer Science, Denison University, 100 South Loop Road, Granville, OH 43023. Abstracts should be between 25 and 75 words in length and should employ proper English grammar and spelling. One speaker per session is greatly preferred, but two speakers in one session can be accommodated if necessary. Please use only plain text in your title and abstract as the abstract submittal system cannot process TeX or other graphics code.

Each presentation room will have a PC, a computer projector, and laptop connections. Presenters can either plug their laptops into the overhead projection system or plug a flash drive into the resident computer. If you wish to project from an Apple device then you must bring your own adapter. Document cameras (Elmo's) are available, but please indicate a need for one when you register. Internet access will be provided. Speakers with specific questions about technology availability should contact Barbara Margolius at b.margolius@csuohio.edu.

You may submit abstracts online at the Section web page: <http://sections.maa.org/ohio>.

Travel Details for Ohio NExT

Rooms have been made available at Wyndham Cleveland at Playhouse Square. To make reservations, do one of the following:

- Call the hotel direct **1-216-615-7500**, please use group name of **"Project NExT Rooms"**
- Call toll free number **1-800-996-3426**, please use group name of **"Project NExT Rooms"**
- Via hotel website www.WyndhamCleveland.com and use group code **1003142PR**.

The Thursday night banquet will be at #1 Pho at 3120 Superior Ave. Cleveland. This is on the southeast corner of East 31st and Superior Ave. There is plenty of on-street parking near the restaurant. Also there is a lot off of Danforth Court. You will need to drive to the restaurant from the Wyndham Hotel. Mention the Math Meeting at the door.



Jarrett M. Scachetti of Youngstown State University provided a talk on *Rubik's Cube Solving Android App* during the 2013 Annual meeting.

News From Ohio NExT

Ohio NExT (New Experiences in Teaching) is a program for new faculty members. Its goal is to help newer faculty to network with colleagues, to share ideas and experiences that promote professional growth, and to encourage faculty to become involved in the Ohio Section.

On Thursday evening, October 3rd, the night preceding the Ohio Section Fall Meeting, members of Ohio NExT will gather for a banquet beginning at 7:00 p.m. at #1 Pho (3120 Superior Avenue) in Cleveland, Ohio. This is a great opportunity to meet old friends and make new ones. After the banquet, the NExTers will spend an hour or so discussing a topic related to the profession.

The Ohio NExT program will continue on Friday morning, October 4th, on the Cleveland State University campus in room MC101. The program will feature two workshops, as well as contributed talks by Ohio NExTers. More information regarding the program will be available soon. At last spring's meeting, the NExT workshop at Denison University featured John Prather of Ohio University Eastern Campus and Barbara Faires, MAA Secretary and Professor of Mathematics Emerita at Westminster College, for the fifty-minute workshops. Sarah Crown Rundell of Denison University and Justin Post of the University of Mount Union presented 15-minute talks.

Ohio NExT is open to anyone in the Ohio Section who is in his/her first five years of teaching in Ohio. If this applies to you, please consider joining us this fall for our NExT Banquet and Workshop, as well as the Ohio Section Meeting that follows. Contact Chris Swanson (cswanson@ashland.edu) for membership information and details.

Ohio NExT is coordinated by Katie Cerrone, University of Akron (kc24@uakron.edu); Chris Swanson, Ashland University (cswanson@ashland.edu); and John Tynan, Marietta College (tynanj@marietta.edu).

Special Events in the Ohio Section

Centennial Note #8

By Thomas Hern and David Kullman

Joint Meetings

On occasion, meetings of the Ohio Section have been scheduled jointly with those of other cognate organizations. The very first annual meeting, in April 1916, was held in connection with meetings of the Ohio College Association, the Ohio Academy of Science, the Ohio Society of College Teachers of Education, and the Association of Ohio Teachers of Mathematics and Science. The Section continued to meet in connection with the Ohio College Association for the next 15 years.

On October 20-21, 1967, a special joint meeting of the Ohio Section and the MAA Committee on the Undergraduate Program in Mathematics (CUPM), billed as a "Conference on Collegiate Mathematics in Ohio," was held in Columbus. A total of 208 persons attended, including 54 who were not members of the Section.

In April 1979 the 63rd annual meeting of the Ohio Section was held jointly with the Ohio Mathematics Association of Two-Year Colleges (OhioMATYC) on the Middletown Campus of Miami University. (A special Ohio Section fall meeting held ten years earlier at Denison to discuss "matters related to mathematics for junior colleges," may have contributed to the founding of OhioMATYC in 1973.) Other joint meetings with OhioMATYC were held in April 1995 at Ohio State, October 1996 at Denison, October 1998 at Columbus State, October 2000 at Wittenberg, and October 2002 at the Trumbull Campus of Kent State University.

The April 1997 Ohio Section meeting at Youngstown State University was held jointly with the Ohio Statistics Education Conference. A joint meeting with the Great Lakes Section of SIAM was held in October 1999 at the College of Wooster and another is scheduled for April 2014 at the University of Toledo.

Short Courses, Micro-Courses, and Workshops

The Fall 1971 Ohio Section meeting at Ashland College was a "theme meeting," devoted entirely to a series of invited lectures by three prominent differential geometers. The intent was to make more mathematics faculty aware of the nature of modern differential geometry and the desirability of integrating it into the undergraduate curriculum. This prompted the chair-elect of the section, Will Hahn, to consider ways of solving the "retread problem" for collegiate faculty. One result was a highly successful series of short courses, beginning in the summer of 1974, with one-week courses on Numerical Analysis (offered at Kent State) and Combinatorics (offered at Ohio State).

After ten years of successful one-week summer short courses, the Section made a bold move and offered a

three-week short course on Data Structures at Denison University in 1983. Altogether there have been nearly 40 Ohio Section short courses – sometimes as many as three in a single summer. The most recent was on Knot Theory, held at Denison in 2009. A complete listing is available on-line at <http://sections.maa.org/ohio/History/AppD.html>. Attendees have come from a dozen states and Canada, and Ohio's initiative spawned short courses in a number of other sections.

The success of these short courses led to micro or minicourses, typically held on Friday morning prior to the start of the regular section meeting or Saturday afternoon following the close of the meeting. They were initiated, while Thomas Hern was the Program Committee Chair, with a course on Discrete Event Computer Simulation, presented by Zaven Karian (Denison) at the Fall 1985 meeting. Two years later Todd Feil (also from Denison) taught a micro-course on TeX. In Spring 1989 Frank Demana and Bert Waits (Ohio State) offered a course on the CASIO graphing calculator, and that fall Zaven Karian returned with a micro course on Computer Algebra Systems and the Undergraduate Curriculum. Jeff Knisely, from East Tennessee State University, presented a grant-writing workshop at the Fall 2001 meeting.

At the Fall 2010 section meeting, the Committee on Section Activities (CONSACT) held several discussion sessions with the attendees to brainstorm ways of revitalizing the committee's activities. The result was a plan to schedule a workshop on the Saturday afternoon of the fall meeting along with a special paper session during the meeting, centered on the workshop topic. The first two workshops held under this plan were: Introduction to GeoGebra, presented by Barbara D'Ambrosia (John Carroll) in Fall 2011, and Setting up a WeBWork Course, by Barbara Margolius and Felipe Martins (Cleveland State) in Fall 2012.

Entertainment

In recent years attendees at Ohio Section meetings have been treated to some professional (and not-so-professional) entertainment. As early as Fall 1988, *The Logarithms*,* a barbershop quartet from the BGSU Department of Mathematics and Statistics, sang several "numbers" for the Section. This was followed by Dick Little's slide show on "A Tour of China." *The Logarithms* returned with some more numbers in spring 1991. In April 2012 *Calculus the Musical!* was performed at Xavier University, and the following year at Baldwin Wallace, Colin Adams and the Möbiusbandaid Players presented *Mathematically Bent Theater*, including "Pythagoras's Darkest Hour", "The Book," and "Lord of the Rings".

*For a video clip of the *Logarithms*, comprised of Cliff Long, Dean Neumann, Herb Hollister, and Charles Holland, see <http://www.bgsu.edu/departments/math/history/page53918.html>.

Fall Meeting Program

Events will take place in the Main Classroom Building and in Fenn Tower Ballroom. For a map of Cleveland State University, including the location of Main Classroom Building, Fenn Tower, parking lot locations and other parking options, please visit: <http://www.csuohio.edu/services/parking>. Parking will be available in lots MG garage at E. 21 St. and Euclid and CG garage at E. 22 St. and Euclid. All parking is at your own cost at the rate of \$9.00. Additional information about parking is on p. 11

Friday, October 4

11:30 - 12:00	Nominating Committee	MC102
12:00 - 4:00	Registration	MC Atrium
12:00 - 1:00	Committee Meetings:	
	CENTENNIAL COMMITTEE	MC103
	CONCUR (Curriculum)	MC104
	CONSACT (Section Activities)	MC122
	CONTEAL (Teacher Education and Licensure)	MC101
1:00 - 4:00	Vendor & Book Exhibits	MC Atrium
1:15 - 1:30	Welcome and Announcements	MC Auditorium
1:30 - 2:30	Invited Address: "Sports Ranking—March Madness to Twitter" Tim Chartier	MC Auditorium
2:30 - 2:55	Break	MC Atrium
2:55 - 3:00	Centennial Minute – Thomas Hern	MC Auditorium
3:00 - 4:00	Invited Address: "Some Non-Standard Sports Applications of Mathematics and Statistics" Richard Cleary	MC Auditorium
4:10 - 6:05	Contributed Paper Sessions	MC101,MC102, MC103,MC104
4:10 - 6:05	Executive Committee Meeting	MC122
6:05 - 6:30	Social Time	MC Atrium
6:30 - 7:45	Banquet	
7:55 - 9:00	After dinner talk: "Mime-matics" Tim Chartier	Fenn Tower Ballroom (3 rd floor)

Saturday, October 5

8:00 - 10:00	Registration	MC Atrium
8:00 - 10:00	Book Vendors and Exhibits	MC Atrium
8:00 - 8:50	Coffee and Pastries	MC Atrium
8:05 - 8:40	Committee on Local Arrangements	MC102
8:50 - 9:00	Welcome and Announcements	MC Auditorium
9:00 - 10:00	Invited Address: "Statistics: A Time for Celebration and Change" Brad Hartlaub	MC Auditorium
10:00 - 10:20	Break	MC Atrium
10:25 - 11:40	Contributed Paper Session	MC101,MC102, MC103,MC104
11:50 - 12:50	Distinguished Teaching Award Presentation: "Using Game Theory to Teach Critical Thinking Skills and Quantitative Literacy" Harold Putt	MC Auditorium
12:50 - 1:00	Closing Remarks	MC Auditorium

Visit the Local Arrangements Meeting

Interested in hosting an MAA Section meeting at your institution – or just wondering what is involved? The Ad Hoc Meeting on Local Arrangements is an open meeting held Saturday mornings during section meetings where past, present, and future Local Arrangement liaisons meet to share ideas about how the host sectional meetings. The idea is that those of us who have been or currently are Local Arrangement liaisons can pass on what we've learned to future Local Arrangement liaisons. Anyone can attend and share ideas about what works, what could work better, and what didn't work. (My favorite piece of advice is 'Have lots of signs!') So if you're interested in attending and sharing ideas or getting ideas, especially if you are scheduled to host a future section meeting or thinking about hosting a section meeting, please attend.

Brian Shelburne
Wittenberg University
Treasurer of the Ohio Section of the MAA
bshelburne@wittenberg.edu

Event locations are subject to change. Check the official program you receive when you register for the meeting in the Main Classroom Atrium.

Invited Speakers at the Fall Meeting

Tim Chartier

“Sports Ranking—March Madness to Twitter”

In the past decade ranking methods have been used for a variety of applications from the web to ecological systems to sports teams. This talk will discuss the Massey and Colley methods, which are two of the six computer ranking methods factored into NCAA College Football's BCS rankings that are used to determine which teams are invited to play in which bowl games. Both methods compute a ranking by solving a linear system of equations and can be applied to a large variety of sports. In this talk, we will introduce the integration of nonuniform weighting for these methods. Further, we will explore challenges in using PageRank, the very successful method of Google for ranking webpages. We will discuss how such methods can produce brackets for the Division I NCAA Men's Basketball Tournament also known as March Madness. Finally, we will discuss recent work that adapts sports ranking methods to social networks such as Twitter.

“Mime-matics”

In Mime-matics Tim Chartier explores mathematical ideas through the art of mime. Whether creating an illusion of an invisible wall, wearing a mask covered with geometric shapes or pulling on an invisible rope, Dr. Chartier delves into mathematical concepts such as estimation, tiling, and infinity. Through Mime-matics, audiences encounter math through the entertaining style of a performing artist who has performed in local,



national and international settings.

Tim Chartier is an Associate Professor of Mathematics at Davidson College. He is a recipient of a national teaching award from the MAA. As a researcher, Tim has worked with both Lawrence Livermore and Los Alamos National Laboratories on the development and analysis of computational methods targeted to increase

efficiency and robustness of numerical simulation on the lab's supercomputers, which are among the fastest in the world. Tim's research with the labs was recognized with an Alfred P. Sloan Research Fellowship. He coauthored Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms with Anne Greenbaum.

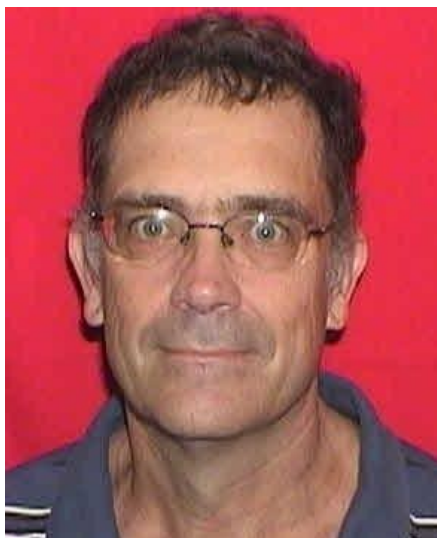
Tim serves on the Editorial Board for *Math Horizons*. He chairs the Advisory Council for the Museum of Mathematics, which opened in 2012 and is the first museum of mathematics in the United States.

As an artist, Tim has trained at Le Centre du Silence mime school and Dell'Arte School of International Physical Theater. He also studied in master classes with Marcel Marceau.

Rick Cleary

“Some Non-Standard Sports Applications of Mathematics and Statistics”

Thanks to the popularity of books like "Moneyball" by Michael Lewis, there has been a great increase in public awareness that statistical analysis has become a vital and accepted tool in sports applications. We present some examples in which other branches of mathematics can be used to consider sports related questions. We will investigate several of these less well known applications. Specific instances include: using probability to model rare events and streaks in sports; some graph theory and operations research to consider a scheduling question; an optimization problem involving a basketball pool; and even some elementary topology related to the rules of several sports.



Rick Cleary is Professor and Chair in the Division of Mathematics and Science at Babson College in Wellesley, MA. He has previously taught at Cornell University (where he earned his PhD), Bentley University, Harvard University and Saint Michael's College in Vermont. Rick has also served six years as Associate Treasurer of MAA. He enjoys working on applied problems in mathematics and statistics, and has recent jointly authored papers with colleagues on diverse topics including failure times for hip replacements, fraud detection in accounting, assessment of creativity in marketing, and various questions in modeling sports outcomes. Professor Cleary's recreational interests are largely sports related. Running, golf, coaching his sons in baseball and rooting for the Red Sox are among his favorite activities.

Invited Speakers at the Fall Meeting

Brad Hartlaub

“Statistics: A Time for Celebration and Change”

During this international year of statistics, it is exciting to take a look at the impact of recent developments. We will briefly explore some applications of statistical models. Billy Beane changed the role of general managers in Major League Baseball with statistical methods that are described in *Moneyball*. Nate Silver demonstrated incredible success predicting the winners of U.S. elections. In addition to these popular applications, we will examine the changing landscape in statistical education. Considerable progress has been



made, but much more work and professional development is needed.

Progress on the NSF LOCUS grant will be highlighted.

Brad Hartlaub joined the Kenyon faculty in 1990. He is a nonparametric statistician, and his research deals with rank-based tests for detecting

interaction. He has published research articles on count or rank based statistical methods in the *Journal of Nonparametric Statistics*, *The Canadian Journal of Statistics*, and *Environmental and Ecological Statistics*. He has served as the Chief Reader of the AP Statistics Program and is an active member of the American Statistical Association's Section on Statistical Education. Brad was selected as a Fellow of the American Statistical Association in 2006. He has served the College as Chair of the Mathematics Department, Chair of the Division of Natural Sciences, and has recently agreed to serve a three-year term as Associate Provost. He has received research grants to support his work with undergraduate students from the Andrew W. Mellon Foundation, the Council on Undergraduate Research and the National Science Foundation.

Harold Putt

“Using Game Theory to Teach Critical Thinking Skills and Quantitative Literacy”

This talk concerns the course TRES 1001: Conflict and Cooperation a transitions experience (TRES) course at Ohio Northern University developed around the topic of game theory. In addition to the design and development of this particular course, we will discuss the concept of TRES courses and the role they play in the general education curriculum at ONU. Finally, we will describe several interesting applications of game theory that the speaker encountered during the course development process.

Harold Putt earned his BS degree in secondary education and mathematics at Clarion University and his MA and PhD degrees in mathematics at Bowling Green State University. After finishing his PhD, Harold taught for one year at the East Liverpool Campus of Kent State



University and then for five years at the University of Akron. He left Akron to join the faculty in the Department of Mathematics and Statistics at Ohio Northern University in 1983 and has been there ever since.

Harold has been involved in the activities of the Ohio Section of the MAA for more than 35 years. Over the years he has served

on CONTEAL, CONSACT, CONCUR, the Executive Committee, the Program Committee, the Nominating Committee, and the Teaching Award Committee. He was President of the section during the 2002-2003 academic year.

Receiving the 2012 Ohio Section Teaching Award was a great honor for Harold as he credits much of his success as a teacher to the mentoring he has received from many longtime colleagues and friends from the Ohio Section.

Meeting Registration

(Continued from page 1)

person, indicate Chicken or Vegetarian or Vegan]] to: Ohio Section MAA Fall Meeting, c/o Barbara Margolius, Cleveland State University, Department of Mathematics,

2121 Euclid Avenue, RT 1515, Cleveland, OH 44115-2214, Phone: (216) 687-4680, FAX: (216) 523-7340. Registration by FAX or e-mail will be pending receipt of registration fees.

Carol Schumacher to Lead Fall Workshop on Inquiry Based Learning

Using Inquiry to Teach Mathematics and Thinking:

Clear reasoning, insightful and creative thinking, and precise articulation of ideas are among the most important skills that someone can gain from a college education. Because these activities lie at the heart of mathematics, we are particularly well placed to help our students acquire them. And Inquiry-Based Learning (IBL) is an especially effective way to do so. Inquiry-based learning is a pedagogical approach in which students, guided by a carefully prepared set of materials, explore mathematical concepts, discover mathematical relationships, and learn to carefully articulate their mathematical ideas. The instructor plays the role of coach, moderator, and mentor, rather than "purveyor of knowledge." Key components across effective IBL courses are (a) deep engagement in rich mathematical activities, and (b) opportunities to collaborate with peers (either through class presentations or group-oriented work).

This workshop will address the questions: What is IBL and why should I consider implementing IBL in my own classroom? In what contexts is IBL effective and practical? What does an IBL class "look like"?

Carol Schumacher is Professor of Mathematics at Kenyon College in Gambier, OH. She received a BA in Mathematics from Hendrix College in 1982 and a Ph.D. in Mathematics from The University of Texas at Austin in 1989. She joined the Kenyon faculty in the fall of 1988.

Carol loves teaching pretty much anything, but her favorite courses to teach are the first and third semesters of Calculus, Foundations (an introduction to proofs), Real Analysis, and "Surprises at Infinity" (a general-audience course on the mathematics of the infinite). She is the winner of Kenyon's Trustee Teaching Award.

Carol is the author of two books: *Chapter Zero---Fundamental Notions of Abstract Mathematics, 2E* and *Closer and Closer---Introducing Real Analysis*, written for use in courses

that emphasize inquiry-based learning, an approach that she uses in many of her upper level courses. Carol is in her third term as chair of the mathematics department at Kenyon and is one of a team of MAA members working on the 2015 CUPM Curriculum Guide.

The workshop will be held immediately after the conclusion of the regular Fall Section Meeting at Cleveland State University on **Saturday, October 5, 2013**. The registration fee is \$25 and includes a boxed lunch. Participants must preregister at <http://sections.maa.org/ohio> by Friday, September 27, and should bring checks payable to Ohio Section MAA with them to the workshop. **Please note that preregistration for the workshop is separate from preregistration for the Fall Section meeting.** On-site registration may be permitted if space allows, but we cannot guarantee a lunch for on-site registrants. Lunch will be 1:00 pm to 1:30 pm, and the workshop will be 1:30 pm to 3:30 pm. Both will be in RT 1516.

Campus Notes

Ashland University: Paul Cao has received tenure and was promoted to Associate Professor of Computer Science. Christopher Swanson was promoted to Professor of Mathematics. Iyad Ajwa received a Fulbright Scholar Grant for his project entitled "Applying Inquiry-Based Learning to Theoretical Computer Science Courses" and will be teaching at Umm Al-Qura University in Mecca. After more than 20 years of teaching at Ashland University, Cathy Stoffer has retired.

Defiance College: Joshua C. Francis, Director of Education and Assistant Professor of Education, has recently been appointed as the Director of Academic Assessment for Defiance College. In this role, he works with the Provost and the Academic Assessment Committee to review campus wide assessment, reviews both the Major Learning Outcomes

and College Learning Outcomes and helps to direct academic program review.

Denison University: The Department of Math and Computer Science is happy to announce that May Mei will join the department in the fall of 2013 as an assistant professor in mathematics. May earned her undergraduate degree in mathematics from the University of California, Berkeley, then completed her doctorate at the University of California, Irvine. Her research interests include mathematical physics and dynamical systems, with an emphasis in the spectral theory of quasicrystals. This past summer, May supervised undergraduate projects for 14 students at the Summer Math Institute at Cornell University.

Sinclair Community College: Moez Ben-Azzouz and Richard Uchida were promoted to Professor effective fall 2013. Jungmi Johnson joined in department as the Math Lab & Help Room Manager in spring 2013. Najat Baji was appointed as Assistant Professor effective fall 2013. Harvey Chew retired in June 2013.

University of Dayton: We are happy to announce that Atif Abueida has been promoted to Professor, and Muhammad Usman had been tenured and promoted to Associate Professor. The Department of Mathematics welcomes two new tenure-track faculty: Dan Ren, who earned her PhD in Financial Mathematics from Boston University, and Catherine Kublik, whose PhD in Applied and Interdisciplinary Mathematics is from the University of Michigan. Art Busch is on sabbatical leave this fall.

Driving Directions to Cleveland State University

The following directions to Cleveland State University appear on the University website as well as a campus map. The street address for CSU is 2121 Euclid Avenue, Cleveland, Ohio 44115-2214.

The website address is <http://www.csuohio.edu/services/parking>

Directions from the South (I-77)

Follow I-77 north to the East 22nd/East 14th Street exit (#162B) to East 22nd Street. Turn left onto East 22nd Street; drive several blocks to Euclid Avenue.

Directions from the South (I-71)

Follow I-71 north to the East 22nd Street exit (#172B). Turn left onto East 22nd Street; drive several blocks to Euclid Avenue.

Directions from the East

Follow I-90 west to the Chester Avenue/CSU exit (#173B). Turn left onto East 24th Street; drive a half block to Chester Avenue.

Directions from the West (I-90)

Follow I-90 east to the East 22nd Street exit (#172B). Turn left onto East 22nd Street; drive several blocks to Euclid Avenue.

Directions from the West (Route 2)

Follow the Shoreway (Route 2) east to I-77/I-71 South. Exit at the Chester Avenue/CSU exit (#173B). Turn left onto East 24th Street; drive a half block to Chester Avenue.

Information for Ohio NExT participants can be found on page 5.

Hotel Information

Within a 10 minute walk from Cleveland State:

Wyndham Cleveland at Playhouse Square

1260 Euclid Ave.
Cleveland, OH 44115
Phone: 216-615-7500
Fax: 216-621-8659

www.WyndhamCleveland.com

Rate: 109.00 (a block of 30 rooms has been reserved for this event and will be held until September 19, 2013.

Comfort Inn

1800 Euclid Ave.
Cleveland, OH 44115
866-257-5990

<http://www.comfortinn.com/hotel-cleveland-ohio-OH167>

Rates: \$140.00

Reservations:

- Call the hotel direct **1-216-615-7500**, please use group name of **"Ohio Fall MAA Meetings"**
- Call toll free number **1-800-996-3426**, please use group name of **"Ohio Fall MAA Meetings"**
- Via hotel website www.WyndhamCleveland.com and use group code **1004142OH**.

Transportation:

- The Wyndham is a short 10 minute walk up Euclid Ave. to the Main Classroom Building at E. 22 St.
- Complimentary Hotel Shuttle is reserved for **Saturday 10/05/2013**, to run **from 7am to 8am** to take you to Cleveland State University Main Classroom Building. Individual arrangements can be made for pick up via Hotel Front Desk upon check-in.
- Cleveland's Regional Transit Authority (RTA) HealthLine runs on Euclid Avenue on weekdays approximately every 7 minutes and on Saturdays every 15 minutes to transport you from CSU to the Wyndham at E. 12 St. Fare is \$2.25.

Within a 15-20 minute walk from Cleveland State:

Hilton Garden Inn

1100 Carnegie Ave.
Cleveland, OH 44115
216-658-6400

www.hiltongardeninn3.hilton.com

Rates \$154.00

Hyatt Regency at the Arcade

420 Superior Ave.
Cleveland, OH 44114
216-575-1234

www.cleveland.hyatt.com

Parking

Parking will be available in lots MG garage at E. 21 St. and Euclid and CG garage at E. 22 St. and Euclid. All parking is at your own cost at the rate of \$9.00.

YACK sticker program

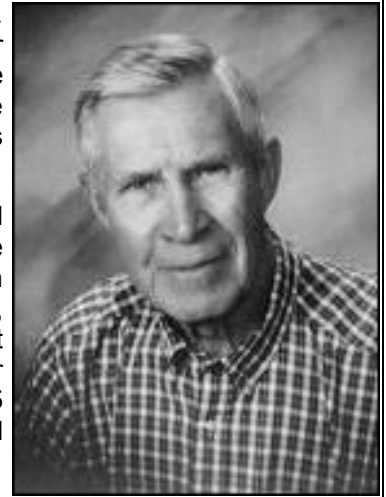
Faculty at Youngstown State University, University of Akron, Kent State University or NEOMED who have purchased parking at their institutions - are eligible for reciprocal parking benefits by requesting a YACK sticker that will allow parking at CSU without additional charge. Contact your institution's Parking Office to obtain this sticker if you are eligible.

In Memoriam

S. Elwood (Woody) Bohn, 1927 - 2013

Elwood Bohn passed away at his home in Green Valley, Arizona, on April 16, 2013. He was born on March 11, 1927, and grew up in North Dakota. During his senior year at Bismarck High School, Woody earned all-state honors in basketball, and he went on to excel in that sport at Concordia College in Moorhead, Minnesota. He became the first Concordia basketball player to score over 1000 points, and he was inducted into Concordia's Athletic Hall of Fame in 1997.

After graduating from Concordia in 1949, with degrees in mathematics and economics, Elwood earned a Master's degree in mathematics and statistics at the University of Nebraska in 1951 and a Ph.D. from that institution in 1961. In between earning those degrees he taught at the University of Minnesota, Concordia College, and Wartburg College. Elwood came to Ohio in 1961 as a faculty member at Bowling Green State University. He moved to Miami University three years later where he served as Chair of the Department of Mathematics and Statistics for 15 years. Upon his retirement in 1992 the Bohn Lecture Series, part of the annual Miami University Mathematics and Statistics Conferences, were named in his honor.



Professor Bohn served as Chairman of the MAA Ohio Section in 1971–72 and as the Section Governor from 1973 to 1976. As Chairman he worked to revitalize the standing committees CONCUR and CONTTAC (now known as CONTEAL) and update the Section's bylaws. He also worked for the National Science Foundation and the Ford Foundation. Elwood Bohn was an unwavering supporter of the mathematical sciences throughout his long and distinguished career as a teacher and administrator.

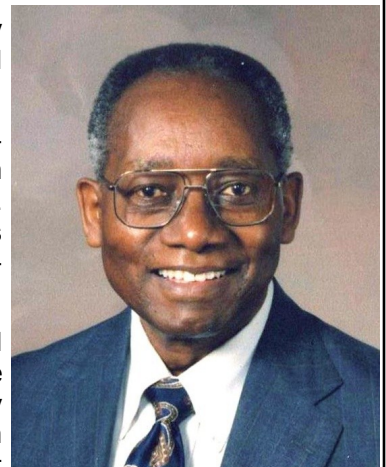
Submitted by David Kullman

Simmie S. Blakney, 1928 - 2013

Dr. Simmie S. Blakney, professor emeritus at the University of Toledo, passed away on Monday, July 15, 2013 in Toledo, Ohio. He was the youngest of 12 children (all deceased) born to Will and Leann Blakney in Clark County, MS in 1928.

Dr. Blakney pursued his passion for mathematics by earning a Bachelor of Arts degree from Tougaloo College in 1950, a Masters of Science in Mathematics from the [University of Illinois](#) in 1955, and a Ph.D from the University of Illinois in 1963. Prior to the University of Toledo, he taught at Utica Junior College (MS), and was Assistant Professor and Chair of the Mathematics Department at Grambling College.

He joined the University of Toledo Department of Mathematics in 1964 and served there for 34 years. In 1971, he was the first African-American appointed to chair the University of Toledo Department of Mathematics, an accomplishment recognized by the 109th General Assembly of the Ohio House of Representatives. During his ten year term as chairman, Dr. Blakney became a leader among his peers in areas that significantly enhanced professional opportunities for Math majors.



Dr. Blakney's impacted the UT campus outside the classroom as well. He was one of the Founding members of the Association of Black Faculty and Staff (formerly the University of Toledo Black Faculty Caucus). Additionally, he was instrumental in establishing the Office of Minority Affairs at UT and was a Member of the Faculty Senate.

In retirement he continued to teach younger students through the Upward Bound Program under the direction of Dr. Helen Cook. He was a board member of The Art Tatum African-American Resource Center of the Toledo Lucas County Public Library System. He was an amateur photographer and a respected gemologist who was an active member of the Toledo Gem and Rockhound Club. He enjoyed all the arts especially listening to jazz, gospel and blues.

Results of the Student Team Competition

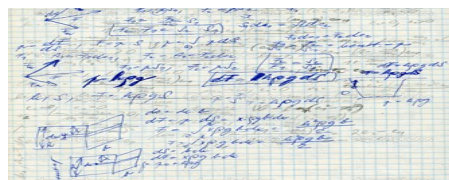
The tenth annual Leo Schneider Student Team Competition was held at Denison University on Friday, April 5, 2013. Sixty-five students participated, forming twenty-two teams and representing twelve institutions:

Wittenberg University	University of Dayton
Ashland University	University of Findlay
Case Western Reserve University	Marietta College
Mount Vernon Nazarene University	Malone University
Youngstown State University	John Carroll University
Baldwin Wallace University	Denison University

The following teams placed in the competition:
First Place (\$150)—Case Western Reserve University (Anthony Gatti, Jonathan Dorsey, Sander Mack-Crane);

Second Place (\$120)—Case Western Reserve University (Michael Sammon, Jacob Lichtinger, MacKyla Patterson);

Third Place (\$90)—Denison University (Yabo Yan, Abby Chan, Bradley Matola).



Governor's Report

(Continued from page 3)

are looking for a professional service opportunity and/or a chance to meet new people and get involved at the national level, check out the list of committees at <http://www.maa.org/about-maa/governance/council-and-committees-list>.

The MAA also administers a number of grants for

programs like undergraduate conferences and outreach activities for underrepresented groups. See the MAA website at <http://www.maa.org/programs/maa-grants> for more information on the various types of grants and the application procedures.

Barbara D'Ambrosia
John Carroll University
Governor of the Ohio Section of the MAA
bdambrosia@jcu.edu

President's Message

(Continued from page 2)

participate; remember even faculty who have been teaching many years but are relatively new to the section are welcome. On behalf of the section, I want to invite any eligible faculty to attend Ohio NExT activities. Details are contained in this *Focus*.

Ohio NExT is an example of a program to engage new members. At past summer executive committee meetings, there was continued discussion on ways to increase faculty involvement in the section. The question of why some faculty stop (or never start) participating in section activities was raised. It was estimated that the number of contributed talks last year was roughly 50% of previous numbers. In a previous President's Message, Wiebke explored this in detail. She stated that "remedies (for increasing participation) might be premature until we have identified what would bring younger faculty back to the section" and requested involvement to move the discussion to action. I repeat her request for your suggestions or ideas that will continue to ensure a bright future of the Ohio Section. You can contact the President (pblau@shawnee.edu) or any member of the executive committee with your thoughts, and anyone is welcome to attend an executive committee meeting, which are held on Friday afternoons during Section

meetings, to voice your thoughts directly. While we are one of the more active Sections in the country, we should take appropriate actions when there are ways to increase participation.

I know this will be a great year for the section. I want to thank all of the members of the section committees in advance for the time and effort they will give this year. These are needed to have the committees function effectively. Beyond the coming meeting at Cleveland State, the Spring Meeting will be at The University of Toledo. As usual, it will feature student activities, such as the Leo Schneider Student Team Competition and numerous contributed talks by students. What will be different is that we are hosting this meeting jointly the Great Lakes Section of the Society of Industrial and Applied Mathematics. The interaction between the two sections will be an additional benefit of attending. I hope to see you all at the meetings this year, as we move closer to the centennial celebrations, and let me close by offering my humble appreciation for this opportunity to serve as Section President.

Phil Blau
Shawnee State University
President of the Ohio Section of the MAA
pblau@shawnee.edu

2013-2014 Ohio Section Officers and Committees

ELECTED OFFICERS

President

Phil Blau, Shawnee State University
740-351-3443; pblau@shawnee.edu

Past-President

Wiebke Diestelkamp
937-229-2013; wiebke@udayton.edu

President-Elect

John Prather, Ohio University—Eastern
740-699-2498; prather@ohio.edu

Section Governor

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216-397-4682; bdambrosia@jcu.edu

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Pamela Warton, University of Findlay
419-434-4147; warton@findlay.edu

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John Tynan, Marietta College
(740) 376-4873; tynanj@marietta.edu

OhioMATYC Liaison to OhioMAA

Jim Anderson, University of Toledo

OhioMAA Liaison to OhioMATYC

Robert Hovis, Ohio Northern University

OMSC Liaison

Katie Cerrone, University of Akron

OCTM Liaison

Sandy Schroeder, Ohio Northern University

Archivist

Daniel Otero, Xavier University
513-745-2012; otero@xavier.edu

COMMITTEES

* Denotes committee chair. Elected Officers and Committee Chairs are voting members of the Executive Committee. Terms expire at the end of the Spring meetings of the year listed. See the Bylaws.

Program Committee

*Lew Ludwig, Denison University (2014)
David Meel, Bowling Green State U. (2015)
Matt Menzel, Marietta College (2016)

CONTEAL

*Richard Little, Baldwin Wallace Univ. (2016)
John Prather, Ohio U. - Eastern (2014)
Laurie Dunlap, University of Akron (2014)
Susan Thompson, Otterbein College (2014)
Pam Warton, University of Findlay (2015)
Sandy Schroeder, Ohio Northern Univ. (2016)
Jenny McKinney, Shawnee St. Univ. (2016)

CONSTUM

*Ryan Rahrig, Ohio Northern Univ. (2016)
Mohammad Zaki, Ohio Northern Univ (2016)
Matt McCullen, Otterbein University (2014)
Elizabeth Wilmer, Oberlin College (2014)
Thomas Wakefield, Youngstown St. U. (2015)
Erica Whitaker, Otterbein Univ. (2015)

CONSACT

*Barbara Margolius, Cleveland St. U. (2015)
Justin Young, Ashland University (2014)
Eric Wingler, Youngstown State Univ. (2015)
Paige Rinker, John Carroll University (2015)

CONCUR

*Chandra Dinavahi, Univ. of Findlay (2016)
William Fuller, Ohio Northern Univ. (2014)
Anna Albert, University of Findlay (2014)
Giorgi Shonia, Ohio Univ. Lancaster (2015)
David Cusick, Marshall University (2015)
Glen Lobo, Sinclair Comm. College (2016)

OTHER COMMITTEES

Nominating Committee

*Don Hunt, Ohio Northern University (2015)
Mark Miller, Marietta College (2014)
Jon Stadler, Ashland University (2016)

Committee on Contests

David Stenson, John Carroll Univ, AMC12

Teaching Award Committee

* Wiebke Diestelkamp, University of Dayton
(Past President)
Pam Warton, Univ. of Findlay (Secretary),
Harold Putt, Ohio Northern University
(Past recipient 2012)
David Meel, Bowling Green State University
(Past recipient 2011)

Centennial Committee

*David Kullman, Miami University
Thomas Hern, Bowling Green State U.
Danny Otero, Xavier University
Tom Dence, Ashland University
Jon Dunlap, Bowling Green State University
Al Stickney, Wittenberg University

LOCAL ARRANGEMENTS FOR MEETINGS

Fall 2013: Cleveland State University
Barbara Margolius,
b.margolius@csuohio.edu

Spring 2014: University of Toledo
Jim Anderson, jim.anderson@utoledo.edu

Fall 2014: Wittenberg University
Brian Shelburne,
bshelburne@wittenberg.edu

Thank You to the many people who took the time to contribute articles and information for this newsletter.

David Stuckey, Editor

Calendar

Ohio Section

Fall 2013, October 4 - 5, Cleveland State University, Cleveland, OH

Spring 2014, April 4 - 5, University of Toledo (with SIAM Great Lakes Section), Toledo, OH

Fall 2014, October 31 - November 1, Wittenberg University, Springfield, OH

Spring 2015 Marshall University, Huntington, WV

Fall 2015 Ohio Northern University, Ada, OH

National MAA-AMS

Annual Joint Meetings, January 15-18, 2014, Baltimore, MD

MathFest, August 7-9, 2014, Portland, OR

Annual Joint Meetings, January 10-13, 2015, San Antonio, TX

MathFest, August 5-8, 2015, Washington, D.C.

Annual Joint Meetings, January 6-9, 2016, Seattle, WA

Annual Joint Meetings, January 4-7, 2017, Atlanta, GA

OHIO FOCUS

The newsletter of the Ohio Section of the Mathematical Association of America, which first appeared in 1973, is published twice yearly in time to reach members before the fall and spring meetings. Newsletters are published online at www.maa.org/Ohio. Notification postcards are sent using labels provided by the MAA.

Editor: David Stuckey
419-783-2464
dstuckey@defiance.edu
Science and Mathematics Division
Defiance College
Defiance, OH 43512

The deadline for the next newsletter is **February 3, 2014**. E-mail copy is preferred. Early submission is appreciated.

Please send copy to the editor (see above), and also to the Section Webmaster, Darren Wick, for posting on the web (dwick@ashland.edu).

Other

Miami University 41st Annual Conference, September 27-28, 2013, Miami University, Oxford, OH

OCTM Annual Conference, October 17-18, 2013, Dayton, OH

Central Section AMS Meeting, October 18-20, 2013, Washington University, St. Louis, MO

Indiana Section MAA Meeting, October 26, 2013, University of Southern Indiana, Evansville, IN

Undergraduate Mathematics Day, November 3, 2013, University of Dayton, Dayton, OH

AMATYC Annual Conference, October 31 - November 3, 2013, Anaheim, CA

MCURCSM, November 16, 2013, Ohio Wesleyan University, Delaware, OH

T³ International Conference, March 7 - 9, 2014, Las Vegas, NV

Student Mathematics Conference, February 22, 2014, Youngstown State University, Youngstown, OH

International Conference on Technology in Collegiate Mathematics (ICTCM), March 20-23, 2014, San Antonio, TX

AMS Southeastern Section, March 21 - 23, 2014, University of Tennessee, Knoxville, TN



(Continued on page 16)

Coming Up in Ohio

Miami University 41st Annual Conference

This year's title is "Undergraduate Research in Mathematics" with featured speakers Joe Gallian and Dennis Davenport. The conference will be held on the Miami University campus on **September 27-28, 2013**. Details are available at: <http://cas.muohio.edu/math/conference.html>

OCTM Annual Conference

The Ohio Council of Teachers of Mathematics is holding their annual conference on **October 17-18, 2013**, in Dayton, Ohio. See <http://octm2013.weebly.com/> for details.

Undergraduate Mathematics Day at the University of Dayton

On Sunday, November 3, 2013, the University of Dayton will host *Undergraduate Mathematics Day*, an undergraduate mathematics conference that celebrates all aspects of mathematics. Undergraduates are invited to contribute talks celebrating mathematics in all forms – research, learning, teaching and history. Talks presented by high school students, graduate students and faculty are also welcome. Further details about the conference will be available at <http://go.udayton.edu/mathevents>.

Midstates Conference for Undergraduate Research in Computer Science and Mathematics (MCURCSM)

This annual conference will be held at Ohio Wesleyan University on **November 16, 2013**. MCURCSM is a venue for undergraduates to present research papers on original work. The conference is distinctive in that faculty will referee the submitted papers, just as for professional conferences and journals, and a proceedings will be published. The submission deadline is Tuesday, October 8, 2013. For more information, see <http://math.owu.edu/MCURCSM/>. If you are interested in being a referee for the conference, please contact the organizing committee at chjackso@owu.edu or stmccull@owu.edu.

Student Conference at Youngstown State University

The Ohio Xi Chapter of Pi Mu Epsilon at Youngstown State University is hosting its sixteenth annual regional Student Paper Meeting scheduled for **February 22, 2013**. The meeting will give undergraduate students the opportunity to present results of their projects and research, and to listen to topics that are of interest to other undergraduate students in our region. Free registration can be completed online. For more information, please see <http://www.ysumathstat.org/pme/conferences/index.php>.

Ohio Section MAA Spring Meeting

The Ohio Section of the Mathematical Association of America will hold its annual Spring meeting on **April 4-5, 2014**, at University of Toledo. More details, including submission information for contributed talks from faculty and students, will be forthcoming in the Spring edition of this newsletter and also on the Ohio Section website, www.maa.org/Ohio.

Other Meetings

(Continued from page 15)

Kentucky Section MAA Section Meeting, March 28 - 29, 2014, Murray State University, Murray, KY

Indiana Section MAA Meeting, April 4 – 5, 2014, IPFW, Fort Wayne, IN

NCTM National Meeting, April 9-12, 2014, New Orleans, LA

Joint Statistical Meetings, August 2 - 7, 2014, Boston, MA

MathFest, August 7-9, 2014, Portland, OR

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