



Ohio Focus

The MAA Ohio Section Newsletter

Volume 9

Fall 2011

Number 7

Fall Meeting at The University of Findlay October 21-22, 2011



Winebrenner Theological Seminary—registration location

The Fall Meeting of the Ohio Section MAA will be held at The University of Findlay, in Findlay, Ohio, on October 21-22, 2011. Richard Little from Baldwin-Wallace College, George Francis from the University of Illinois Urbana-Champaign, Sergei Tabachnikov from Pennsylvania State University, and Mark Meckes from Case Western Reserve University are the invited speakers. The meeting starts on Friday with committee meetings at 12:15. Dick Little's invited lecture "How I Escaped the Peter Principle!!" will begin at 1:45 in the WTS auditorium. There will be contributed paper sessions on Friday afternoon and Saturday morning.

Meeting Registration

Online registration is preferred. Visit the Section web site at www.maa.org/Ohio on or after Wednesday, September 14, for one stop registration, banquet reservation, and abstract submission. The deadline for meeting pre-registration and banquet reservations is **October 14**. Abstracts for contributed papers must be submitted by **October 7**.

On-site meeting registration is always available, but last-minute banquet tickets cannot be guaranteed. Early registration helps those making the meeting

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David Meel Receives Ohio Section Teaching Award

The recipient of the 2011 Ohio Section *Award for Distinguished College or University Teaching of Mathematics* is Dr. David Meel from Bowling Green State University. The award was presented to David during the Spring Section Meeting on March 25, 2011.

After completing his Ph.D. at the University of Pittsburgh in 1995, David served as a post-doc at the Center for Innovation in Learning, Research, and Development at Carnegie Mellon University. In 1996, he moved to Bowling Green

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President's Message

Another year begins for the Ohio Section of the MAA! Welcome back! I hope that your semester is off to a great start. This year will be a busy and exciting one for our section and I hope that you will be able to participate. If you are new to the section, welcome. In particular, if you are a new PhD, I encourage you to get involved in Ohio Project NExT. It is a great way to get to know colleagues from across the section and share teaching and research ideas.

In preparation for this Message, I read several of the previous years' messages and was struck by the similarity between them. Upon reflection, the resemblance is perfectly reasonable. We have a strong section with a lot to promote and hard work to acknowledge. For instance, if you attended the spring meeting, you are well aware of the outstanding program that was organized. Invited addresses were given by Jennifer Quinn, Gordon Swain, Doug Ensley, and retiring president, Don Hunt. Thank you, Don, for your leadership this past year. Thanks also to Youngstown State and in particular, to Tom Wakefield for all the work required for such a successful meeting. Phil Blau deserves our appreciation as well for inviting an excellent group of speakers and for serving the section as program chair. He and the rest of the program committee, David Singer and Adam Parker, did an outstanding job.

The spring meeting was a great experience for our students. The weekend kicked off with the Leo Schneider Student Team Competition. Twenty-four teams, consisting of a total of seventy students from thirteen institutions participated in the competition, with



"Team KSF" from Case Western Reserve University taking first place. In addition to the competition, there were 30 student presentations. The students are setting a great example for the faculty. Please consider giving a contributed talk sometime this year. Whether related to teaching, the solution to a novel problem, or an update on your research, there will always be an interested audience.

For this fall's meeting, David Singer has invited Sergei Tabachnikov from Penn State University and George Francis from the University of Illinois. Also presenting are in-section speakers Mark Meckes from Case Western Reserve University and the recipient of the 2010 Ohio Section Award for Distinguished College or University Teaching of Mathematics, Dick Little from Baldwin-Wallace College. We hope you can join us on October 21 and 22 at The University of Findlay. Have no fear – although the world is predicted to end that Friday, we are still planning Saturday activities just in case!

Because summers are becoming quite busy for everyone, the Committee on Section Activities (CONSACT) has moved from offering a summer short course to a fall workshop following the section meeting. This year, we are pleased

to present a workshop on GeoGebra that will be facilitated by Barbara D'Ambrosia from John Carroll University. GeoGebra is a free, online mathematics application that is useful for geometry, algebra, and more. The workshop will take place on Saturday following the conclusion of the regular meeting. More information about the workshop will be available on the meeting and registration pages online, and elsewhere in this newsletter. We hope you can participate!

While on the subject of CONSACT, I would like to put out a plea to anyone interested in serving on the committee. For newer faculty, this is a great way to get involved in the section. If interested, please send me an email or give me a call.

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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.

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The deadline for the next newsletter is **February 10, 2012**. 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).

Governor's Report

Last month I attended MathFest in Lexington, Kentucky. As usual, it was a very successful meeting. There were roughly 1400 attendees this year. MathFest always has a different kind of feeling to it than the Joint Meetings do in January. It's in the summer, it's (relatively) smaller, and it's more focused on the MAA and its activities. If you've never been to MathFest, I'd encourage you to give it a try. Next year, MathFest will be in Madison, Wisconsin the first week in August.



The big news from the Board of Governors meeting is that the board confirmed the selection of Michael Pearson to assume the role of Executive Director of the MAA when Tina Straley retires at the end of this year. You might well recognize Michael's name, since he currently serves as Associate Executive Director of the association. The board also designated Jim Daniel to succeed John Kenelly as MAA Treasurer, beginning in February 2012.

There isn't very much else to report that's new to this column. The MAA is in very sound financial condition, but times are tough. The association continues to look for ways to increase revenues and cut costs so that it can maintain its financial well-being. Each of us can help by encouraging other people to join the MAA, by using MAA Textbooks when we can, and by making a financial contribution to the MAA if possible. Specifically, I would remind you that the MAA is now offering steeply discounted memberships to high school

teachers. Do what you can to encourage teachers in your area to take advantage of this opportunity.

The electronic memberships continue to be popular, and the discussion about how memberships and subscriptions might be bundled in the future continues at the national level. Be sure to check all of your options when it comes time to renew your membership, because I expect that there will be a fair amount of change in this area over the next few years. If you have any strong feelings about what our memberships should look like in the future, now is the time to speak up.

I'll close with my standard reminder/request: We are very fortunate to be members of one of the stronger sections in the MAA. We need to continue to work to keep our section vital and to lend support to

national activities as well. The first step, of course, is to find ways to encourage our colleagues (especially our younger colleagues) to join the MAA and participate in section activities. Bring a friend to a meeting! The next step is to volunteer your time to serve on a section or a national committee.

My last national meeting as Section Governor will be the Joint Meetings in Boston next January. Perhaps I'll see you there. I certainly hope to see you at the Fall Section Meeting next month.

*Al Stickney
Wittenberg University
Section Governor*

Editor's Note:

After Al submitted his Governor's report for this newsletter, the MAA announced that John Kenelly resigned from his position as Treasurer on August 29, 2011. Jim Daniel has accepted the appointment to Treasurer to fill out the remainder of John Kenelly's term, and he will begin his own five-year term as Treasurer in February, 2012.

Origins of Ohio Section Committees

Centennial Note #4

The 1915 Ohio Section Constitution provided for only one committee. The Executive Committee consisted of the two section officers (Chairman and Secretary-Treasurer), plus an additional member to be elected by the Section at its annual meeting. During the next fifty years other committees were constituted in response to par-

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Election Results

At the Business meeting during the Spring 2011 Ohio Section meeting, Wiebke Diestelkamp from the University of Dayton was elected as president-elect of the Section for 2011-2012. Lew Ludwig from Denison University was elected to a three-year term on the Program Committee. Lew will chair that committee in 2013-2014. Congratulations, Wiebke and Lew!

Call for Distinguished Teaching Award Nominations

The Ohio Section is fortunate to have many great mathematics educators in its ranks. One way of recognizing this is by way of the section's teaching award given at the Annual Meeting each spring. If you would like to nominate a fellow member for the Ohio Section's 2012 Award for Distinguished College or University Teaching of Mathematics, the Teaching Award Committee would love to hear from you.

Nomination forms and instructions are available from the Ohio MAA Website at <http://sections.maa.org/ohio/Award/>. 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 former students. Note that nominees should have at least five years teaching experience at the college/university level.

The award will be announced at the Spring 2012 Ohio Section meeting, and appropriate publicity will be

generated at the award winner's institution. The Award Committee will also forward the winner's file to the national MAA office to be the Section's candidate for the Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics. Three winners of the national award are selected each year from the nominees from the sections. Past Ohio Section Award 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, questions, or comments about the award should be directed to Don Hunt at d-hunt@onu.edu or by postal mail: Department of Mathematics and Statistics, Ohio Northern University, 525 S. Main St., Ada, Ohio 45810. The nomination deadline is January 1, 2012.

Ohio Section First Annual Fall Workshop "Introduction to GeoGebra 4" Presented by Barbara D'Ambrosia

GeoGebra is a free dynamic geometry software package that incorporates algebraic/analytic properties of geometric objects. The software allows users to easily create web applets that can be used to demonstrate or explore various concepts in geometry, calculus, and other areas of mathematics. You can see some examples of such applets at www.jcu.edu/math/MAAworkshop/. The focus of the fall workshop is an introduction to GeoGebra, including some new features in the just-released version 4.0. The two-hour workshop will be split between a lecture demonstration of how to create GeoGebra worksheets, and time in a computer lab where participants will be able to create their own projects. Participants are encouraged to bring ideas for demos they'd like to create for their own courses.

Barbara D'Ambrosia earned her Ph.D. in noncommutative ring theory from the University of Oregon in 1994. She immediately started teaching at John Carroll University in Cleveland, and has been there ever since. Barbara is a regular attendee at Ohio Section meetings. She has served the Ohio Section on CONSTUM and the Program Committee, and she is currently the Section newsletter editor. Along with her

colleague Carl Spitznagel, Barbara has written and presented numerous papers on the educational uses of mathematical software at national meetings. For the last several years, those papers have focused on the use of GeoGebra in Calculus and Liberal Arts math courses.

The workshop will be held immediately following the Ohio Section Fall Meeting, from 1:15 until 3:15 on **Saturday, October 22**, at the University of Findlay. The registration fee is \$25 and includes a boxed lunch. Participants must preregister for the workshop at www.maa.org/Ohio by **Friday, October 14**, 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.

Preregistered participants may pick up their lunches and workshop materials in Frost Science Center's Malcolm Lecture Hall beginning at 12:30 p.m.

The Ohio Section Needs Your Help!

There are many ways in which Ohio Section members can get involved in the behind-the-scenes operation of the Section.

Currently, Wiebke Diestelkamp (University of Dayton) is the Ohio Section's Liaison Coordinator. Wiebke is going to be the President of the Section next year, so we are looking for someone to assume the position of Liaison Coordinator. The position does not have a specified term, but we hope that someone will be willing to take the position for at least three years.

The main responsibility of the Liaison Coordinator is to inform the Section's department liaisons of items of interest in a timely fashion, so that they can disseminate it to their colleagues and students. Typically, these items will be provided by Section Officers (calls for submission to the newsletter, reminders of deadlines regarding the Section Meetings etc.), and the Liaison Coordinator will be asked to forward the message to the existing list of liaisons in the Ohio Section. The Liaison Coordinator should also make an effort to replace liaisons who are stepping down and to identify liaisons for Ohio colleges and universities who do not currently have a liaison. Occasionally, a member of the Ohio Section might have a specific question about the Section, the MAA or services provided by the MAA. The Section officers will be able to help field these questions, and the MAA staff is always willing to be of help as well.

If you are interested in this position or have any questions, please contact Wiebke Diestelkamp (wiebke@udayton.edu) or Jon Stadler, President of the Ohio Section (jstadler@capital.edu).

There are also positions open on CONSACT, the Committee on Section Activities. The main responsibility of CONSACT is to plan the annual workshop that takes place following the fall Section meeting.

If you are interested in serving on this or another committee, please contact Jon Stadler, President of the Ohio Section (jstadler@capital.edu).

Student Activities at the Spring 2011 Meeting

The eighth annual Leo Schneider Student Team Competition was held at Youngstown State University on Friday, March 25, 2011. Seventy students participated, forming 24 teams and representing 13 institutions: Ashland University, Case Western Reserve University, Cleveland State University, John Carroll University, Malone University, Marietta College, Oberlin College, Ohio Northern University, The University of Findlay, Xavier University, College of Wooster, Wittenberg University, and Youngstown State University. The following teams placed in the competition: First Place (\$120)—Case Western Reserve University team KSF (Robert Fraser, David Kent, Michael Steward); Second Place (\$60)—Case Western Reserve University team CDM (Fred Douglas, Stephanie Cockrell, Amalie McKee); Third Place (\$45)—Youngstown State University (Matt Alexander, Josh Mike, Bradley Slabe).

There were 30 student speakers at the Spring meeting out of a total of 41 speakers.

Tom Wakefield
Youngstown State University
CONSTUM Chair

Update from CONCUR

During the second half of October, the Committee on Curriculum (CONCUR) will conduct an online survey of the members of the section on **Personal Practice in Teaching Calculus**. This survey is short (designed to take less than 15 minutes!), and aims to obtain a "snapshot" of the choices members currently are making about how they teach calculus. The results of the survey will be presented in a plenary session during the Fall 2012 meeting at Baldwin-Wallace College. Specific details about how to take the survey will be sent via e-mail in October. CONCUR encourages each member who teaches calculus to step up and let us know (anonymously, of course) your teaching preferences.

Bill Fuller
Ohio Northern University
CONCUR Chair

Ohio Project NExT

Ohio Project 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 20th, the night preceding the Ohio Section Fall Meeting, members of Ohio Project NExT will gather for a banquet beginning at 7:00 p.m. in the Endly Room of the Alumni Memorial Union on the campus of The University of Findlay. 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.

Then, on Friday morning, October 21st, the Ohio NExT program will continue in the Endly Room on The University of Findlay campus. The program will feature George Francis of the University of Illinois leading a workshop entitled "IOUMath: Innovations in Online Undergraduate Mathematics," Kimberly Roth of Juniata College leading a workshop entitled "Classroom Voting

with Peer Instruction," and contributed talks by Ohio NExTers. At last spring's meeting, the NExT workshop at Youngstown State University featured Doug Ensley of Shippensburg University and Jennifer Quinn of the University of Washington for the fifty-minute workshops. Jay Kerns of Youngstown State University and Ryan Rahrig of Ohio Northern University presented 15-minute talks.

Ohio Project 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 Project NExT is coordinated by Katie Cerrone, University of Akron (kc24@uakron.edu); John Prather, Ohio University Eastern Campus (prather@ohiou.edu); and Chris Swanson, Ashland University (cswanson@ashland.edu).

President's Message

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At the officers meeting of MathFest this summer, we received some details about the changes in policy at MAA book sales held at our meetings. Due to issues with sales permits (cost and varying state rules), meeting participants will no longer be able to receive a physical copy of the book at the meeting. However(!), you will still be able to order books at a discounted rate and they will be shipped to you from the MAA *with no shipping costs*. Display copies of many titles, particularly the newer ones, will be available. Please continue to support the MAA through book purchases as this is one way our section generates revenue. Consider visiting the online MAA bookstore, making a list of the books you would like to inspect, and then buy the ones you like while at the meeting. Two recent releases that I am enjoying are *Mathematics for Secondary School Teachers* by Bremigan, Bremigan, and Lorch, and *Rediscovering Mathematics* by Shai Simonson.

With the recent election of Wiebke Diestelkamp to the President-Elect post, the position of section liaison coordinator will be open. Please find the

"advertisement" for this position in this issue of the Ohio Focus and consider volunteering for the position. We want to thank Wiebke for her many years of serving in this capacity and I know that she will be willing to mentor the new coordinator.

Over the next several years, there will be a lot happening in the section. In addition to this fall's meeting at The University of Findlay, we have meetings coming up at Xavier University, Baldwin-Wallace College, and Denison University. In Spring 2016, the section will be celebrating its 100th annual meeting at The Ohio State University. Watch for "Centennial Moments" at upcoming meetings! Please contact me if your institution is interested in hosting a meeting.

I am very grateful for the opportunity to serve as Section President. I look forward to an exciting year and to seeing you in Findlay in October!

*Jon Stadler
Capital University
Section President*

Fall Meeting Program

Events will take place in the Winebrenner Theological Seminary (WTS) and the Alumni Memorial Union (AMU).
The locations of these buildings can be found on the campus map on page 12.

Friday, October 21

12:00 – 4:00	Registration	WTS lobby
1:00 – 4:30	Vendor and Book Exhibits	WTS auditorium
12:15 – 1:15	Committee Meetings: CONSTUM CONCUR CONTEAL CONSACT Centennial Committee	AMU Endly AMU Slough AMU Terry AMU Branchendorf AMU 8
1:25 – 1:45	Welcome and Announcements	WTS auditorium
1:45 – 2:45	Invited Address: “How I escaped the Peter Principle!!” Richard Little, Baldwin-Wallace College	WTS auditorium
2:45 – 3:10	Break	WTS auditorium
3:10 – 3:15	Centennial Minute	WTS auditorium
3:15 – 4:15	Invited Address: “A Geometrical Puppetshow: Some things you really can’t see without computer graphics” George K. Francis, University of Illinois Urbana-Champaign	WTS auditorium
4:25 – 6:00	Contributed Paper Sessions	WTS 251, 252
4:25 – 6:00	Executive Committee Meeting	AMU Endly
6:00 – 6:30	Social Time	AMU Multipurpose Room
6:30 – 7:45	Banquet	AMU Multipurpose Room
7:50 – 8:30	Invited Address: “In praise of serendipity: a tale of a geometric inequality” Sergei Tabachnikov, Pennsylvania State University	AMU Multipurpose Room

Saturday, October 22

8:00 – 10:30	Registration	WTS lobby
8:00 – 10:30	Book Exhibits	WTS auditorium
8:00 – 8:50	Coffee and Donuts	WTS auditorium
8:05 – 8:50	Executive Committee Meeting (if necessary)	AMU Slough
8:05 – 8:50	Local Arrangements Committee	AMU Terry
9:00 – 10:00	Invited Address: “5-dimensional geometry is not like 2-dimensional geometry (and 3 and 4 are somewhere in between)” Mark Meckes, Case Western Reserve University	WTS auditorium
10:00 – 10:30	Break	WTS auditorium
10:35 – 11:30	Contributed Paper Sessions	WTS 251, 252
11:40-12:40	Invited Address: “Flavors of Bicycle Mathematics” Sergei Tabachnikov, Pennsylvania State University	WTS auditorium
12:40	Closing Remarks	WTS auditorium

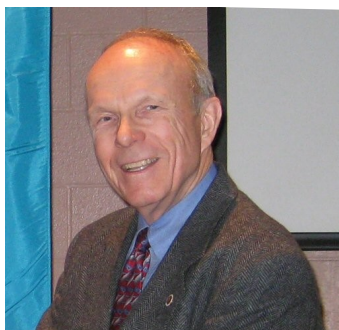
Event locations are subject to change. Check the official program you receive when you register for the meeting in the WTS lobby.

*For additional meeting details,
see pages 8-12 of this newsletter.*

For updates and online registration and paper submissions, see www.maa.org/Ohio.

For additional local arrangements information, go to www.findlay.edu and do a key word search for “MAA.”

Invited Speakers at the Fall Meeting



Richard Little

“How I escaped the Peter Principle!!” (A Talk in Three Parts)

Part 1: MEMOIR (As seen through rose colored glasses.)

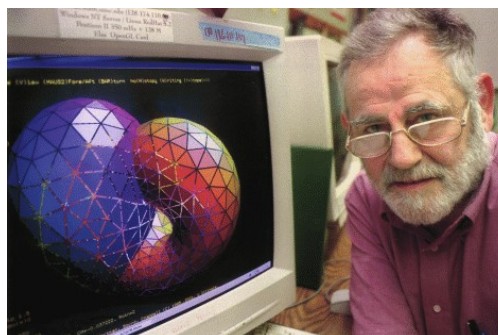
Part 2: CONFESSION (Should the award be vacated?)

Part 3: TRIBUTES (Examples of valuable teaching strategies gleaned from truly distinguished teachers, which I have assimilated, with some modification, and offer for your consideration.)

Richard A. Little has been a professor of math at Baldwin-Wallace since 1975. In addition to classes strictly related to mathematics and computer science, he has taught Honors classes as well as “Enduring Questions for an Intercultural World,” a course required of all students in their freshman or sophomore year. He has received the Strosacker Award for Excellence in Teaching and the Student Senate Faculty Excellence Award from B-W. He was the recipient of the 2010 Ohio Section MAA Award for Distinguished College or University Teaching of Mathematics.

Dick holds a Ph.D. from Kent State University, masters' degrees from Harvard and Johns Hopkins universities and a bachelor's degree from Wittenberg University. In addition to his responsibilities at B-W, Dick is active in the leadership of several professional organizations, among them the National Council of Teachers of Mathematics, the Ohio Council of Teachers of Mathematics, and the Ohio Mathematics Education Leadership Council. As a long time member of the Ohio Section, Dick has at various times in the past served as newsletter editor, chair of the Program Committee, and President of the Section.

A man of many interests, Dick has taught in India and Nigeria, rafted the white water of the Grand Canyon, and walked the Great Wall of China.



George K. Francis

“A Geometrical Puppetshow: Some things you really can't see without computer graphics”

From fractals to chaos, there are many familiar mathematical phenomena we use computers to visualize. But there are topological deformations (homotopies), such as the contraction of Zeeman's Duncehat, and the Eversion of the Sphere, which become generally accessible only with the help of computer graphics. In this talk we shall review 23 years of exploring these visual gems by the puppeteers in the illiMath Collective.

George K. Francis joined the University of Illinois Urbana-Champaign faculty in 1968. His research papers are in low-dimensional topology, geometry, analysis, statistics, control theory, and geometrical computer graphics. In addition to courses in these fields, he has taught logic, mathematical biology, and catastrophe theory. Professor Francis' work on descriptive topology, *A Topological Picturebook* (Springer Verlag, 1987, PB 2006), has been translated into Japanese and Russian. He is a professor in the Mathematics Department, the Beckman Institute, and the Campus Honors Program, and he is a senior research scientist at the National Center for Supercomputing Applications. He collaborates with computer artists and graphics programmers on immersive virtual environments at SIGGRAPH, Conferences, and Museums.

Invited Speakers at the Fall Meeting

Sergei Tabachnikov

“In praise of serendipity: A tale of a geometric inequality”

This is the story how I discovered (but couldn't prove) a geometric inequality: the average absolute curvature of a closed immersed plane curve is not less than that of a convex curve that surrounds it. This was finally proved by Lagarias and Richardson, in a 30 page long paper. If the outer curve is a circle, there are several simple and elegant proofs, and I will present four of them.

“Flavors of Bicycle Mathematics”

I shall discuss various aspects of bicycle motion. Here is a sampler:

- 1). Given the front and rear wheel tracks, can one always tell which way the bicycle went? Usually, one can, but sometimes one cannot. Surprisingly, this is related with how 2-dimensional bodies float.
- 2). Given a closed front wheel track, can one ride the bike so that the rear wheel track closes up as well? This depends on the geometry of the front wheel track. It has to do with fractional-linear transformations and



hyperbolic geometry, with the isoperimetric inequality, and with how planimeters work.

- 3). Can one ride the bike so that the rear wheel tracks coincides with the front wheel one (other than going straight, of course)? Such "unicycle" tracks behave very chaotically.

Sergei Tabachnikov, now at Pennsylvania State University, was educated in the Soviet Union, and he has a PhD from Moscow State University (1987). Since 1990, he has been teaching at U.S. universities. In the 1980's, he was involved in two major educational projects in Russia: the Mathematics School by Correspondence, a.k.a. Gelfand's School, and the "Kvant" (Quantum) magazine, a physics and mathematics monthly for advanced high school students and undergraduate students (in 1988-90, Sergei was the Head of its Mathematics Department). In addition to doing research in differential topology and dynamical systems, Tabachnikov is the Director of the Mathematics Advanced Study Semesters program (MASS) at Penn State. Since 2011, he has been the Notes Editor of the American Mathematical Monthly. Tabachnikov has authored five books and about 100 research and expository papers.

Mark Meckes

“5-dimensional geometry is not like 2-dimensional geometry (and 3 and 4 are somewhere in between)”

There are many different ways to measure how "big" a geometric shape is, and their relationships are sometimes surprising. I will discuss three different problems (Shephard's problem, the Busemann-Petty problem, and one that I proposed several years ago) asking about monotonicity relationships among volumes. For example, Shephard's problem asks, if K and L are origin-symmetric convex bodies and every shadow cast by K has bigger area than the shadow cast by L in the same direction, is the volume of K bigger than that of L ? In all three problems, the answer turns out to be yes in two dimensions, but surprisingly, no in five or more dimensions. In three and four dimensions

the answer is different depending on the problem.

Mark Meckes earned his B.S. and Ph.D. from Case Western Reserve University in 1999 and 2003. After three years as a lecturer at Stanford University and a year visiting Cornell

University, he is back at Case as an assistant professor. His main research interests are convex geometry and random matrix theory. Mark lives in Shaker Heights, Ohio with his wife Elizabeth (also a mathematician at Case) and their children, Juliette and Peter.



About The University of Findlay

The University of Findlay was founded in 1882 as Findlay College by the citizens of Findlay and the Churches of God, General Conference. From its inception, the institution has served the higher education needs of students through programs of study that focus on career preparation and are grounded in the liberal arts.

Today, The University of Findlay is a forward-looking private university that is constantly seeking ways to better serve students and the community. UF is continually adapting programs and teaching methods, and adopting new technology, to meet the needs of current students. With a total enrollment of approximately 3,900 full-time and part-time students, The University of Findlay is noted for its innovative,

career-oriented programs in nearly 60 majors and nine graduate and professional degrees.

The Mathematics Department consists of eight full time faculty members. The University of Findlay offers students opportunities for study in the area of applied or pure mathematics in addition to supporting the College of Education's major in Adolescent/Young Adult Integrated Mathematics. The applied mathematics emphases prepare students for the actuarial field, engineering, system analysis, and operations research.

The Mathematics Faculty and the College of Sciences welcomes you to our beautiful campus for the fall section meeting.

Call for Contributed 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 October 7, 2011**.

Online submission with your meeting registration is strongly preferred, but if necessary, you may submit your title and abstract to the chair of the Program Committee, David Singer, by e-mail at david.singer@case.edu, or by U.S. mail at Department of Mathematics, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106-7058. Abstracts should be between 25 and 75 words in length and should employ proper English grammar and spelling. 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 whiteboard, overhead projector, a PC, 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 internet access is needed, please mark the appropriate box when submitting your abstract online. Speakers with specific questions about technology availability should contact Judy McCrory at jmccrory@findlay.edu.

Due to time and space restrictions, we may not be able to accommodate all talks. Submit abstracts online at the Section web page: www.maa.org/Ohio.

Friday Evening Banquet

The banquet on Friday evening of the Fall Section meeting will be in the Multipurpose Room of the Alumni Memorial Union. It will be preceded by social time in the same room. The cost of the buffet meal is \$23.50 per person.

The buffet will have three entrees: Chicken Andrea (Italian seasoned chicken breasts with vegetables and provolone), carved ham, and vegetarian stuffed shells with marinara sauce. Also included in the buffet are salads, cooked vegetables, roasted potatoes, and cake.

Reserve your banquet ticket when you register for the meeting online, at www.maa.org/Ohio. Meeting participants who wait to register on site are not guaranteed banquet tickets.

There will be an art display from the Mazza Museum (at The University of Findlay) at the banquet.

Driving Directions to The University of Findlay

GPS coordinates: 41.055N, 83.65W

From Toledo, MI, Canada

(Approximately 1 hour from Toledo)

- I-75 South to Findlay, Exit 159
- Left (east) on US 224 (toward McDonald's)
- Right on N. Main St. UF is located on the right (approximately one-half mile)

From Cleveland, Northern PA, New York

(Approximately 2.5 hours from Cleveland)

- Ohio Turnpike West to Toledo, Exit/Mile marker 64 (formerly known as Exit 4A)
- I-75 South to Findlay, Exit 159
- Left (east) on US 224 (toward McDonald's)
- Right on N. Main St. UF is located on the right (approximately one-half mile)

From Akron, Youngstown, Pennsylvania

(Approximately 2.5 hours from Akron)

- US 224 West into Findlay
- Right on N. Main St. UF is located on the left side of the street (approximately one mile)

From Columbus, Southern PA, WV

(Approximately 2 hours from Columbus)

- US 23 North to SR 15 West (to Toledo)
- SR 15 West to I-75 North
- I-75 North to Findlay, Exit 159
- Right (east) on US 224 (toward McDonald's)
- Right on N. Main St. UF is located on the right (approximately one-half mile)

From Dayton, Cincinnati, Kentucky

(Approximately 3.5 hours from Cincinnati)

- I-75 North to Findlay, Exit 159
- Right (east) on US 224 (toward McDonald's)
- Right on N. Main St. UF is located on the right (approximately one-half mile)

From Fort Wayne

(Approximately 2 hours from Fort Wayne)

- SR 30 East to US 224 East (Ohio) into Findlay
- Right on N. Main St. UF is located on the right (approximately one-half mile)

Where to Stay

When calling any of these hotels, use the group name "MAA conference/University of Findlay." All hotels are located at I-75 exit 159, about 1.5 miles from campus.

HOLIDAY INN EXPRESS & SUITES

941 Interstate Drive

Findlay, Ohio 45840

Phone: 419-420-1776

Hot breakfast bar, high speed internet access, health/fitness center, indoor pool/whirlpool

Meeting Rate: \$75.00/night + tax

Guaranteed rate until 9/21/11

QUALITY INN

Group Number: 101014

1020 Interstate Dr.

Findlay, Ohio 45840

Phone: 419-423-4303

Complimentary breakfast, outdoor pool, internet access in public areas

Meeting Rate: \$62.00/night + tax

Guaranteed rate until 10/3/11

HAMPTON INN

921 Interstate Dr.

Findlay, Ohio 45840

Phone: 419-422-5252

Complimentary breakfast, wireless internet, indoor pool, passes to local fitness center

Meeting Rate: \$89.00/night + tax

Guaranteed rate until 9/30/11

Reservations can be made online at:

[http://hamptoninn.hilton.com/en/hp/groups/personalized/F/FDYOHHX-MAA-20111020/index.jhtml?](http://hamptoninn.hilton.com/en/hp/groups/personalized/F/FDYOHHX-MAA-20111020/index.jhtml?WT.mc_id=POG)

WT.mc_id=POG

DRURY INN & SUITES

820 Trenton Avenue

Findlay, Ohio 45840

Phone: 419-422-9700

Hot complimentary breakfast, wireless internet, fitness facilities, indoor pool/spa tub, free hot food and cold beverages from 5:30-7pm

Meeting Rate: \$70.00/night + tax

Guaranteed rate until 9/20/11

Individual call-in reservations can be made by reserving online, go to www.druryhotels.com, click on **Book it**

Fast, then enter group number of **2117137**.

Direct questions about local arrangements to
Judy McCrory, at jmccrory@findlay.edu or 419-434-4569.

The University of Findlay Campus Map

THE UNIVERSITY OF FINDLAY Campus Map



- Student Housing
 - Academic Buildings
 - Power/Assisted Buildings
 - Parking
 - Power/Assisted Emergency
 - Code Blue Emergency Phones
- North**

To I-75
Exit 159

Campus Notes

Ashland University: The Department of Mathematics and Computer Science welcomes Lori McCune as a Visiting Assistant Professor of Mathematics for the 2011-2012 academic year. Lori received her B.S. in mathematics from the University of Akron and her M.S. and Ph.D. in mathematics from the University of Nebraska-Lincoln. Her research interests are commutative algebra, specifically Hilbert functions. The department also welcomes Justin Young as a tenure-track Assistant Professor after serving as a visiting professor last year. Tom Dence received the inaugural Ashland University Excellence in Scholarship Award.

At **Bowling Green State University**, Dr. Arjun Gupta received the BGSU Faculty Lifetime Achievement Award and Dr. Josef Blass, Emeritus Professor of Mathematics and recipient of Poland's highest civilian honor – the Knight's Cross of Merit, returned to campus in May to give several talks to students and faculty. In addition, Dr. David Meel was promoted to the rank of Full Professor while Dr. Rieuwert Blok, Dr. Elmas Irmak and Dr. Junfang Shang were promoted to the rank of Associate Professor and granted tenure. Unfortunately, Dr. Barbara Moses and Dr. Neal Carothers retired from the department but joining the tenure-track faculty is algebraist Dr. Mihai Staic and statistician Dr. Peng Wang. Also, Dr. Jon Dunlap, Dr. Bo Li, Mrs. Deborah Trace and Mr. A.J. Wilhelm joined the department as instructors.

John Carroll University welcomes Paige Rinker to a tenure-track position in mathematics. Paige just completed her Ph.D. from Dartmouth College this past spring, and is a 2011-2012 national Project NExT Fellow. Eric Fuglister retired at the end of the 2010-2011 school year and has moved to Wisconsin. It is with great sadness that we report the death of Dick Horwath, faculty emeritus and long-time Ohio Section member, in February, 2011.

Marietta College: The department has changed its name to the Department of Mathematics, Computing, and Information Systems (MCIS). John Tynan is the new chair of the department; he was also elected Chair of the Faculty. Mark Miller recently accepted a 3-year appointment as Associate Provost for Academic Administration. There are some new faculty members in the MCIS Department: Lauren Brubaker is came from the University of Akron, where she is finishing up her Ph.D.; and Pat McCormick will be on a one-year

appointment. Pat comes to Marietta from Coastal Carolina University.

Marshall University: After nine years the former chair, Ralph Oberste-Vorth has moved to the chairmanship at Indiana State. The interim chair for this year is Alfred Akinsete. Elizabeth Niese was hired as a tenure track faculty member. She graduated from Virginia Tech in 2010 with a Ph.D. in mathematics. Her research area is algebraic and bijective combinatorics. Michael Schroeder is also a new tenure track faculty member. He is a recent Ph.D. graduate from the University of Wisconsin–Madison. His field of study is combinatorics and graph theory, and he has an interest in lower-level teaching pedagogy. Suman Sanyal has moved from a temporary position to a three-year term. His Ph.D. is from Missouri University of Science and Technology in 2008. His research interests are Stochastic Dynamic Equation and Financial Mathematics. The department also has two new instructors: Kim Schroeder and Jessica Briscoe. Kim received her M.A. from University of Wisconsin–Madison in 2008. She has been a full time instructor at Madison Area Technical College, and her current interests revolve around math education, specifically concerning lower-level courses. Jessica earned her master's degree from Marshall this year.

Otterbein University welcomes Visiting Assistant Professor Jeremy Moore, from previous teaching appointments with Ohio University at Lancaster and Pickerington. Jeremy is a purebred Bobcat, having also earned his BS, MS and PHD from Ohio University. His research interests are in ring and module theory and coding theory. Otterbein is experiencing an early start to the 2011-12 academic year, returning to a semester calendar after decades on the quarter system.

Sinclair Community College: Ed Gallo and Marie Stroh were promoted to Professor effective Fall 2011. Craig Birkemeier, Laura Phelps and Olga Stephens joined the faculty as Annually Contract Faculty in Fall 2011.

University of Dayton: Shannon Driskell has won the 2010 College of Arts and Sciences Award for Outstanding Teaching. Kimberly Kendricks has joined the Department of Mathematics as a Visiting Associate Professor. Two faculty members are on sabbatical leave: Pete Hovey for Fall 2011 and Ruihua Liu for the

(Continued on page 16)

David Meel

(Continued from page 1)

State University where he is currently a newly promoted Professor of Mathematics Education. David has twice received the Kappa Mu Epsilon Excellence in Teaching Mathematics Award at BGSU.

David is an active member of the MAA's Ohio Section where he has served on CONTEAL and recently as local arrangements chair for the Spring 2009 Annual Meeting. In addition to his work with the MAA (including various officer positions in the Research in Undergraduate Mathematics Education SIGMAA), he also serves the profession through his involvement with NCTM, OCTM, Greater Toledo Council of Teachers of Mathematics, Association for Research in Undergraduate Mathematics, and the Psychology of Mathematics Education-North America.

The award nomination for David noted the "incredible amounts of time (he spends) with students." A colleague of his commented that "His office always seems to have students in it (with) others often waiting outside."

A former student of David's wrote the following in support of the David's nomination: "He was an amazing professor. He helped me in more than just understanding the history of math or how to approach teaching students. He also helped me to find my passion for teaching math ... He helped me to see that ...with teaching math there is not always a clean cut formula."

David has demonstrated his commitment to excellence in mathematics education in multiple ways. His research in mathematics



David Meel (left) receiving the award from Dick Little at the Spring 2011 meeting.

pedagogy has appeared in a wide variety of venues, including *PRIMUS*, *Loci*, and *Mathematics Teacher*. One of his papers which appeared in the AMS's *Research in Collegiate Mathematics Education* has been translated into Spanish and is used in a number of schools throughout North America.

In addition to his work with collegiate level teaching, David also works with high school mathematics teachers through his participation in his institution's M.A.T. program for which he has designed courses in teaching geometry and algebra. He also developed a Mathematical Problem Solving workshop and has made the materials from this available as an on-line resource for teachers.

David's dedication to his students, colleagues, and to the profession serves as an inspiration to us all.

*submitted by Mark Miller
Marietta College
Section Teaching Award Committee
Chair, 2010-2011*

Meeting Registration

(Continued from page 1)

arrangements and is always appreciated. Registration will begin at 12:00 p.m. on Friday in the lobby of the Winebrenner Theological Seminary and will continue Saturday morning at 8:00 a.m.

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 (\$25 ordinary registration, \$10 retired or part-time, no fee for students or first-time attendees), banquet buffet fee (\$23.50 per person)] to: Ohio Section MAA Fall Meeting, c/o Judy McCrory, Dept. of Mathematics, The University of Findlay, 1000 N. Main St., Findlay, OH, 45840. Phone: (419) 434-4569, FAX: (419) 434-4822. Registration by FAX or e-mail will be pending receipt of registration fees.

Centennial Note #4

(Continued from page 3)

ticular needs, but without any constitutional provisions. A Program Committee was created in 1923, and there must have been a nominating committee appointed each year.

From time to time the Section also set up *ad hoc* committees to deal with particular current interests and issues. These typically concerned state requirements for mathematics in elementary and high schools, college entrance requirements, the undergraduate mathematics curriculum, and preparation of mathematics teachers. In 1957, at the request of the national MAA office, a Committee on High School Contests was named to supervise the newly created National High School Mathematics Contest in Ohio.

The 1963-64 academic year saw changes of monumental proportions in the organization and subsequent level of activity in the Ohio Section. In November 1963 the CUPM Panel on Teacher Training held a conference in Cleveland. During this conference a group of some thirty-two Ohio college mathematics faculty members met and expressed an interest in seeing the Ohio Section pursue its mission of promoting the cause of mathematics more aggressively than it had done in the past. In particular there was talk of revising the Constitution and working to improve both the freshman mathematics program and the training and certifying of mathematics teachers.

On December 7, 1963, under the leadership of Section Chairman Charles Capel, a special meeting of the Section was held at Denison University to discuss the issues mentioned above as well as the general question of "activating" the Section. The outcome of this special meeting was the creation of three key committees: CONCUR (Committee on Curriculum), CONTTAC (Committee on Teacher Training and Certification), and COB (Committee on By-Laws). All three committees were directed to prepare recommendations and present them at the annual meeting of the Section the following May.

The committees did their work well. CONCUR proposed a resolution that, beginning in September 1966, no college credit should be given in four-year degree programs for courses in pre-calculus, algebra, or trigonometry. CONTTAC made three proposals, keyed to the CUPM recommendations, pertaining to the training and retraining of secondary school teachers of mathe-

tics. COB proposed a set of By-Laws to replace the Section Constitution.

It was agreed that CONTTAC, CONCUR, and COB should not be frozen into the By-Laws, but the former two committees continued to exist, and persons were regularly appointed to succeed those whose terms were expiring. In 1967 CONTTAC issued a report that largely influenced the revised teacher certification standards adopted by the State Board of Education the following year. By the close of the decade, however, the committees had lapsed into inactivity.

In 1971, under the leadership of Section Chairman Elwood Bohn, CONCUR and CONTTAC were reactivated, and a new COB was formed to revise the by-laws to comply with recommendations of the MAA Committee on Sections. Another committee, to be known as COCCU (Committee on Cooperation Between Colleges and Universities), was set up. When the Section began to invite undergraduates to present papers at spring meetings, a special committee acting under the COCCU umbrella was charged specifically with promoting this effort. The success of the student activities and the summer short courses led to renaming COCCU as CONSACT (Committee on Section Activities), with subcommittees responsible for specific projects. In 1987 the subcommittee on student members (CONSTUM) itself achieved the status of a standing committee.

CONTTAC has undergone two name changes during the course of its history. In the 1980's it was felt that "teacher education" was a more appropriate term than "teacher training," so the committee became CONTEAC. In 2004, when the state of Ohio began issuing teacher licenses instead of certificates, the committee was renamed CONTEAL (Committee on Teacher Education and Licensure). Today seven committees (Executive Committee, Program Committee, Nominating Committee, CONCUR, CONSACT, CONSTUM, and CONTEAL) are explicitly named in the Ohio Section By-Laws.

Reference: Hahn, W. "Committees," *The Ohio Section: 1915-1990*, pp. 28-33.

David Kullman
Miami University
Chair, Centennial Committee

In Memoriam

Campus Notes

(Continued from page 13)

Darrell J. Horwath passed away on February 21, 2011, after an extended illness.

Upon graduating from the University of Dayton, Dick began graduate study at the University of Wisconsin, where he specialized in group theory. After beginning his teaching career at the University of Wisconsin-Whitewater, Dick joined the faculty of John Carroll University in 1970, retiring in 2007 with the honorary title of



Assistant Professor Emeritus. In addition to teaching, Dick was an avid problem poser and problem solver, and served on the Advisory Panel for the American Mathematics Competitions.

Dick was very active in the Ohio Section of the Mathematical Association of America for many years, and held a number of offices, including Program Committee Chair, Secretary-Treasurer, and President of the Section.

Dick will always be remembered for his strong sense of collegiality, his indomitable spirit, and his consistently positive attitude.

*submitted by Carl Spitznagel
John Carroll University*

William J. Davis, Professor Emeritus at Ohio State University, died on August 4, 2011, in Columbus from pancreatic cancer.

Born and raised in Ohio, Bill was a graduate of Case Institute of Technology. His early research focused on differential equations, but he soon turned to Banach space theory, where he is well known for his seminal contributions to what is now called the modern theory. He was also a frequent consultant to the National Institute of Standards and Technology. During his tenure at OSU, Bill supervised 10 PhD students and served for 11 years on the editorial board of the Proceedings of the American Mathematical Society. Bill retired from OSU in 1998 after some 30 years of service.

In his later years, thanks largely to the Calculus and Mathematica project, his attention turned increasingly to teaching. A long-time proponent of computer-based and distance education, Bill co-founded Math Everywhere Inc. in 1998, a company devoted to teaching mathematics on the internet. A dedicated and energetic teacher, Bill was nominated for the Section teaching award and served as mentor to a number of Section members.

*submitted by Neal Carothers
Bowling Green State University*

2011/2012 academic year. The Department of Mathematics will host its biennial undergraduate mathematics conference, Undergraduate Mathematics Day, on Saturday, November 5, 2011. More information is available at <http://academic.udayton.edu/MathEvents/Fall11/>.

The University of Findlay is excited to welcome Dr. Daniel Baczowski, who comes from Washington and Lee University and who specializes in Number Theory, and Dr. Garrett Rea, who is from the University of Arkansas and whose area is in Partial Differential Equations. In addition, preparations are also well underway for hosting the Ohio section meeting of the MAA in Fall 2011. The 24th Annual Math Day highlights included presentations given by Dr. Marepalli Rao from University of Cincinnati on dice probability and the Monty Hall problem.

Wittenberg University is pleased to welcome a new faculty colleague in mathematics this fall. Dr. Flavia Sancier has joined the department as a Visiting Assistant Professor after receiving her Ph.D. from the Department of Mathematics at Southern Illinois University Carbondale. She also received a Masters degree at SIU and her Bachelor's degree is from the State University of Campinas in Brazil. Her research interests are in applied mathematics and stochastic analysis. In addition, Adam Parker was granted tenure and promoted to Associate Professor.

Youngstown State University: Jay Kerns is on sabbatical for the 2011-2012 school year.

Coming Up in Ohio

Miami University 39th Annual Conference

The theme for the Miami University's 2011 conference is "The Mathematics of Finance." The conference will be held September 30 through October 1, 2011, at Miami University. See http://unixgen.muohio.edu/~mathematics/annual_conference/current.html for more information.

OCTM Annual Conference

The Ohio Council of Teachers of Mathematics is holding their annual conference on October 13-14, in Toledo, OH. See <http://www.ohioctm.org/> for details.

Undergraduate Math Day at Dayton University

Undergraduate Mathematics Day at the University of Dayton will be held on November 5, 2011. We invite contributed talks from undergraduates celebrating mathematics in all forms – research, learning, teaching, history. Talks presented by high school students, graduate students and faculty are also welcome. Presenters at the conference are invited to submit their papers to the refereed, on-line proceedings of the conference. Jeffrey Diller (University of Notre Dame) will deliver the Kenneth C. Schraut Memorial Lecture, entitled "Imaginary Numbers, Unsolvable Equations, and Newton's Method." Judy Holdener (Kenyon College) will deliver the plenary talk "Perfect and Abundant Numbers – a Perfect and Abundant Source for Undergraduate Research Projects." There is no registration fee, and a free lunch will be provided. Limited support is available for student housing. Funding is generously provided by several offices at the University of Dayton and NSF-MAA RUMC grant DMS-0846477. Further details can be found at <http://academic.udayton.edu/MathEvents/Fall11>.

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

This annual conference will be held at Denison University on November 19, 2011. 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 October 10, 2011. For more information, see www.denison.edu/mcurcsm. Faculty members who are interested in being a referee for the conference, please contact Ashwin Lall at lalla@denison.edu.

Student Conference at Youngstown State University

The Ohio Xi Chapter of Pi Mu Epsilon at Youngstown State University is hosting its fourteenth annual regional Student Paper Meeting on February 25, 2012. 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. Registration forms will be available in January. For more information, please see 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 13-14, 2012, at Xavier University. The after dinner event will be "Calculus: The Musical." 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 web site, www.maa.org/Ohio.

2011-2012 Ohio Section Officers and Committees

ELECTED OFFICERS

President

Jon Stadler, Capital University
614-236-6905; jstadler@capital.edu

Past-President #1

Don Hunt, Ohio Northern University
419-772-2351; d-hunt@onu.edu

Past President #2

Mark Miller, Marietta College
740-376-4811; millerr@marietta.edu

President-Elect

Wiebke Diestelkamp, University of Dayton
937-299-2013l wiebke@udayton.edu

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Al Stickney, Wittenberg University
937-327-7856; astickney@wittenberg.edu

Secretary

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

Treasurer

Brian Shelburne, Wittenberg University
937-327-7862; bshelburne@wittenberg.edu

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OhioMATYC Liaison to OhioMAA

Jim Anderson, University of Toledo

OhioMAA Liaison to OhioMATYC

Robert Hovis, Ohio Northern University

OMSC Liaison

Katie Cerrone Arnold, 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

*David Singer, Case Western Reserve U.
(2012)
Adam Parker, Wittenberg University (2013)
Lew Ludwig, Denison University (2014)

CONTEAL

*John Prather, Ohio U. Eastern (2014)
Pam Warton, University of Findlay (2012)
Shelly McGee, University of Findlay (2012)
Katie Cerrone Arnold, U. of Akron (2012)
Richard Little, Baldwin-Wallace Coll. (2013)
Drew Pasteur, College of Wooster (2013)
Sandy Schroeder, Ohio Northern U. (2013)
Laurie Dunlap, University of Akron (2014)
Susan Thompson, Otterbein College (2014)

CONSTUM

*Thomas Wakefield, Youngstown St. U.
(2012)
Matthew Menzel, Marietta College, (2012)
Ryan Rahrig, Ohio Northern University (2013)
Mohammad Zaki, Ohio Northern U. (2013)
Matt McMullen, Otterbein U. (2014)
Elizabeth Wilmer, Oberlin College (2014)

CONSACT

*Karl Hess, Sinclair CC (2013)
Glen Lobo, Sinclair CC (2013)

CONCUR

*William Fuller, Ohio Northern U. (2014)
Chandra Dinavahi, U. of Findlay (2013)
David Stuckey, Defiance College (2013)
Anne Albert, U. of Findlay (2014)

OTHER COMMITTEES

Nominating Committee

*Mark Miller, Marietta College (2014)
Vickie Van Dresar, Ashland U. (2013)
Bill Higgins, Wittenberg U. (2012)

Committee on Contests

David Stenson, John Carroll U., AMC12

Teaching Award Committee

* Don Hunt, Ohio Northern U. (Past President)
Pamela Warton, U. of Findlay (Secretary),
Judy Holdener, Kenyon College (Past recipient 2008)
Richard Little, Baldwin-Wallace College
(Past recipient 2010)

Centennial Committee

*David Kullman, Miami University
Tom Hern, Bowling Green State University
Danny Otero, Xavier University
John Zimmerman, Washington and Jefferson College
Tom Dence, Ashland University
Jon Dunlap, Terra Community College

LOCAL ARRANGEMENTS FOR MEETINGS

Fall 2011: The University of Findlay
Judy McCrory, jmccrory@findlay.edu

Spring 2012: Xavier University
Daniel Otero, otero@xavier.edu

Fall 2012: Baldwin-Wallace College
David Calvis, DCalvis@bw.edu

Spring 2013: Denison University
Lew Ludwig, ludwigl@denison.edu

Please contact the Section President if you are interested in serving the Section on one of these committees.

Calendar

Ohio Section

Spring 2012 Section Meeting, April 13-14, Xavier University, Cincinnati, OH

Fall 2012 Section Meeting, October 19-20, 2012, Baldwin-Wallace College, Cleveland, OH; followed by the Fall Workshop

Spring 2013 Section Meeting, April 5-6, 2013, Denison University, Granville, OH

If your institution is interested in hosting an Ohio Section meeting, please contact the Section President, Jon Stadler, at jstadler.capital.edu.

National MAA-AMS



Annual Joint Meetings, January 4-7, 2012, Boston, MA

MathFest, August 2-4, 2012, Madison, WI

Annual Joint Meetings, January 9-12, 2013, San Diego, CA

MathFest, August 1-3, 2013, Hartford, CT

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.

Thank You to the many people who contributed articles and information for this newsletter.

Barbara D'Ambrosia, Editor

Other

Miami University 39th Annual Conference, Sep 30 - Oct 1, 2011, Miami University, Oxford, OH

OCTM Annual Conference, Oct 13-14, 2011, Toledo, OH

Indiana Section MAA Meeting, Oct 22, 2011, University of Indianapolis, Indianapolis, IN

Undergraduate Mathematics Day, Nov 5, 2011, University of Dayton, Dayton, OH

AMATYC Annual Conference, Nov 10-13, 2011, Austin, TX

MCURCSM, Nov 19, 2011, Denison University, Granville, OH

Student Mathematics Conference, Feb 25, 2012, Youngstown State University, Youngstown, OH

T³ International Conference, Mar 2-4, 2012, Chicago, IL

International Conference on Technology in Collegiate Mathematics (ICTCM), Mar 22-25, 2012, Orlando, FL

Indiana Section MAA Section Meeting, Mar 23-24, 2012, Ball State University, Muncie, IN

Kentucky Section MAA Section Meeting, Mar 30-31, 2012, Bellarmine University, Louisville, KY

Illinois Section MAA Section Meeting, Mar 30-31, 2012, Illinois State University, Normal, IL

NCTM National Meeting, Apr 25-28, 2012, Philadelphia, PA

Michigan Section MAA Meeting, May 4-5, 2012, Saginaw Valley State University, University Center, MI

SIAM Annual Meeting, Jul 9-13, 2012, Minneapolis, MN

Joint Statistical Meetings, Jul 28 - Aug 2, 2012, San Diego, CA

Central Section AMS Meeting, Oct 21-22, 2012, University of Akron, Akron, OH