Ohio Focus

Fall Meeting at Ursuline College
October 22-23, 2010

Pilla Center—Registration Location

The Fall Meeting of the Ohio Section MAA will be held at Ursuline College in Pepper Pike, just east of Cleveland, on October 22-23, 2010. Michael Henle from Oberlin College, John Stillwell from the University of San Francisco, Barbara Ashton from the Borough of Manhattan Community College -City University of New York, and Dave Sobecki from Miami University-Hamilton are the invited speakers. The meeting starts on Friday with committee meetings at 12:00. Michael Henle's invited lecture "Can You Hear the Mathematics?" will begin at 1:30 in Room 101 of the Pilla Center. There will be contributed paper sessions on Friday afternoon and Saturday morning. Also during the meeting, the Committee on Section Activities will host discussion sessions to help determine the future direction of that committee.

Meeting Registration

Online registration is preferred. Visit the Section web site at **www.maa.org/Ohio** on or after Tuesday, September 7, for one-stop registration, banquet reservation, and abstract submission. The deadline for meeting pre-registration and banquet reservations is **October 15**. Abstracts for contributed papers must be submitted by **October 8**.

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

Dick Little Receives Ohio Section Teaching Award

The recipient of the 2010 Ohio Section *Award for Distinguished College or University Teaching of Mathematics* is Dr. Richard Little from Baldwin-Wallace College. The award was presented to Dick during the Spring Section Meeting on April 16, 2010.

For over 39 years Dick Little has been teaching mathematics in Ohio "motivating students at all levels to grow in their mathematical understanding." Colleagues and students alike speak about his dedication to the students –

Inside
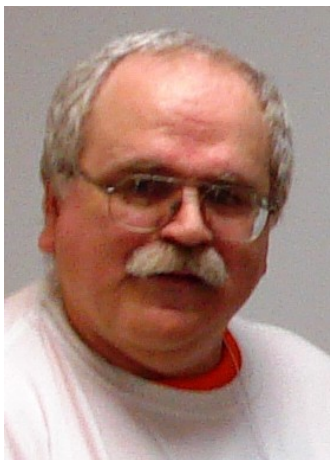
President's Message

Hello Everyone! As I write this, it is late summer and most of us are probably either concentrating on getting in our last summer fun activities or preparing for the new school year (or both). As you read this, the new year is well underway, and I hope all is going well with your classes and your students.

If you weren't able to attend last spring's Ohio Section meeting at Kent State, you missed a very good one. I'd like to thank Laura Dykes and her colleagues at Kent for the great job they did in handling the local arrangements. The Fall Ohio Section Meeting at Ursuline College is almost upon us. Michelle Wiggins has been very busy ensuring that that everything on campus goes off without a hitch. Phil Blau and the other program committee members, David Singer and Adam Parker, have put together an excellent slate of invited speakers. Included are Michael Henle of Oberlin College, Dave Sobecki of Miami University-Hamilton, Barbara Ashton of Borough of Manhattan Community College, and John Stillwell of the University of San Francisco. More information about the meeting can be found elsewhere in this issue of the newsletter.

Two long serving officers of the Section stepped down from their duties as of the end of the spring meeting. On behalf of the whole Section, I'd like to thank former treasurer Chuck Hampton and former secretary Mark De Saint-Rat for their many years of faithful service to the Ohio Section. The offices are in good hands as Brian Shelburne is currently serving as Section treasurer and Pam Warton as secretary. Both of them hit the ground running at the summer executive committee meeting,

having spent the last year learning their new duties. In a related matter, let me remind you that the Section always encourages active participation by the members in the operations and governance of the section. This can be accomplished by volunteering to serve on Section committees or in other positions of responsibility. During the summer I sent out a call for volunteers through the department liaisons. Thanks go to the many people who responded to the call. If anyone else is interested in service to the section, pull me aside at the fall meeting and let me know. There may still be openings on CONCUR and CONSACT.

Speaking of CONSACT, the times they are a'changin'. Traditionally CONSACT's role was to organize and produce the Ohio Section Summer Short Course. Our section was one of the first to offer a summer short course, but now many other sections offer them. These and the national MAA's PREP courses, and other resources available online provide many other options for the pool of short course participants. This has resulted in dwindling enrollments for our short course offerings. In fact in recent years several of our short courses have ultimately been cancelled due to a lack of registrants. We believe it is time to rethink the short course

and CONSACT's role within the section. Many ideas have been kicked around in CONSACT itself and in the executive committee. Now, WE NEED YOUR HELP! At the fall section meeting we've scheduled concurrent discussion sessions led by the members of CONSACT to formulate new roles for CONSACT. These sessions are your chance to be involved in the direction we take for the next several years. No contributed talks will be scheduled opposite the sessions so please be sure to attend—we want to hear your ideas.

Ohio Project NExT co-coordinator Chris Swanson reports that grant money from the national MAA is available to expand the project to reach faculty at two year institutions. This grant money can help cover travel expenses, breakfast, and the banquet. The Section has a very active NExT organization which provides an excellent setting for new faculty to meet veteran faculty members and discuss their roles as mathematicians and educators. If you have recently added new members to your department, please encourage them to attend Ohio Section meetings and to take advantage of what Ohio NExT has to offer.

The Ohio Section has lined up host schools for the next several Section meetings. This year's meetings will be held at Ursuline College and Youngstown State. Hosts for 2011-12 are The University of Findlay and Xavier University. Baldwin-Wallace College is scheduled for Fall 2012, and (tentatively) Wittenberg University in Fall 2014. As part of the centennial year celebration, the Fall 2015 meeting will be held at Ohio Northern

Governor's Report

I imagine there will be mention of it elsewhere in this newsletter, but I really want to begin my report by saying something about the passing of our colleague Leo Schneider. Leo was a stalwart member of our Section. We won't discuss here how long I've been in the section, but it's been a long time. And when I first attended Section meetings, it was obvious to me that Leo was one of the most active, most enthusiastic, and most dependable members of the Section, and he continued to be right up until his death this past summer.

Over the years, he served us all as Section President, Section Governor, and in many other roles. He also won the Section Teaching Award. But I must confess, when I

think of Leo, what I remember most is his love of problem posing and problem solving. It seemed that the only thing that could get him more excited than a good problem was an elegant (and often unexpected) solution. Some of my fondest memories of Section meetings involve those times when Leo would give a session on "interesting problems and solutions" from one contest or another. Leo was a wonderful source of good problems, he often found inventive and marvelous solutions to problems, and he had an amazing ability to engage students at any level (and faculty!) in the whole adventure of mathematical problem-solving.

Of course, Leo's activities were not restricted to the Ohio Section. There are not very many contemporary mathematicians who have had as much impact on mathematical competitions in the United States as Leo. He proposed problems, he helped design tests, he judged contests, and did just about anything you can think of related to math contests. Over the course of his career, he devoted much time and effort to helping with the ongoing development of our national competitions. Leo and his many contributions will be missed.

On a lighter note, I once again attended MathFest in August. It was in Pittsburgh this time around. As always, it was wonderful to have an opportunity to see old friends and colleagues, and just to "hang out" with so many mathematicians. It was a great meeting. I suppose the biggest news is that the Association By-Laws were changed at the meeting.

It was time to do a complete rewrite of the by-laws, and that's what was done. The most significant changes probably have to do with

having fewer details "set in stone." In the new by-laws, the Association is given more flexibility to evolve in response to things like the "electronic age" without having to amend the by-laws at every turn.

In particular, what constitutes membership is not spelled out in quite the same level of detail in the new by-laws. Expect to see ongoing innovation in that area. The new electronic memberships have turned out to be much more popular initially than was expected. They are still a minority of the memberships, but a significant one. I expect that we will see more options for electronic memberships and subscriptions in the future. The national MAA leadership would definitely like to hear your ideas on this topic. What options would you like to see? The MAA is also considering entering into more "reciprocity" arrangements with other associations.

The MAA is asking all of us to take a serious look at using MAA Textbooks for our courses. The list of texts is somewhat limited, but it continues to grow. One of the goals of this program is to help keep the cost of mathematics textbooks down. If you can find a textbook that will meet your needs, you are likely to save your students enough to buy several pizzas.

Call for Distinguished Teaching Award Nominations

The Ohio Section is fortunate to have great mathematics educators in its ranks. One way of recognizing this is 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 2011 Award for Distinguished College or University Teaching of Mathematics, the Teaching Award Committee would love to hear from you.

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

The award will be announced at the Spring 2011 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 winners of the Haimo Award have been the Ohio Section's Aparna Higgins, University of Dayton (2005) and V. Frederick Rickey, Bowling Green State University (1993).

Nominations as well as questions or comments about the award should be directed to Mark Miller at mark.miller@marietta.edu or by postal mail: Marietta College, Department of Mathematics, Computing, and Information Systems, 215 Fifth Street, Marietta, Ohio 45750. The nomination deadline is January 1, 2011.

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 21st, the night preceding the Ohio Section Fall Meeting, members of Ohio Project NExT will gather for a banquet beginning at 7:00 p.m. at The Courtyard by Marriott in Beachwood. 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 22nd, the program will continue on the Ursuline College campus. The program will feature Michael Henle, professor of mathematics at Oberlin College and editor of *The College Mathematics Journal*, leading a workshop entitled "A Mathematical Myers-Briggs"; Barbara Ashton of the Borough of Manhattan Community College-CUNY and one of the co-founders of Ohio NExT, leading a workshop entitled "Distance Learning – An Introduction"; as well as contributed talks by Ohio NExTers. At last

Why Do We Say that Ohio Is "First in the MAA"?
Centennial Note #2

It depends on what is meant by "first." When the MAA Constitution was officially adopted on the morning of December 31, 1915, Article V made provisions for organizing Sections of the Association. The next order of business was an election of officers, and W. D. Cairns of Oberlin College was elected Secretary-Treasurer. Within an hour, both Ohio and Missouri presented petitions requesting charters as sections. Twenty-five teachers of collegiate mathematics from Ohio had met the previous afternoon and passed a resolution in favor of forming themselves into a section of the MAA. The charter was granted on March 1, 1916, and the first annual Ohio Section meeting was held at the Ohio State University on April 21-22, 1916.

Missouri's request to become a section can be traced to a meeting of the Southwestern Section of the AMS in St. Louis on November 27, 1915. One of the participants at that meeting was E. R. Hedrick, who would become the first MAA President. Recall that the *American Mathematical Monthly* was also founded in Missouri. However, the first annual meeting of the Missouri Section wasn't held until November 18, 1916.

Student Activities at the Spring 2010 Meeting

The seventh annual Student Team Competition was held at Kent State University on Friday, April 16, 2010. Sixty-four students participated, forming twenty-three teams and representing thirteen institutions: Ashland University, Case Western Reserve University, Cleveland State University, John Carroll University, Kent State University, Malone University, Marietta College, Mt. Vernon Nazarene, Ohio Northern University, Shawnee State University, University of Findlay, Xavier University, and Youngstown State University. The winning teams were: First Place ($120) – Case Western Reserve University, team CFZ (Stephanie Cockrell, Robert Fraser, Zeyin Zhang); Second Place ($60) – Case Western Reserve University, team DKM (Fred Douglas, David Kent, Amalie McKee); Third Place ($45) – Youngstown State University, team 3141/2707 (Jeremy Lester, Josh Mike, Ben White). During the Friday evening pizza party, students from Kent State organized and led a "game night," which included games such as Set. A special thanks to everyone at Kent State for all of their hospitality!

Matt Menzel
Marietta College
Chair, Committee on Student Members

Governor's Report
(Continued from page 3)

The Association is also interested in expanding its programs and activities for math students who are not going into teaching or graduate school in mathematics. If you know of any successful programs of that type, be sure to share your ideas with me or with someone at the national organization. We are definitely open to suggestions.

I'll close by reminding us all that we are 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.

The Joint Meetings are in New Orleans in January, and MathFest is in Lexington, Kentucky, next summer. I hope to see you at one of those meetings. Remember, Lexington is just a short drive from Ohio.
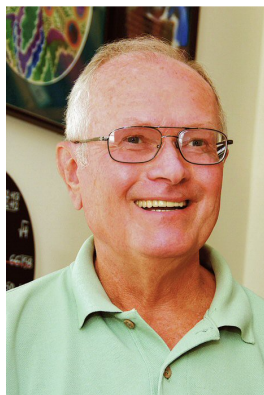
Al Stickney
Wittenberg University
Section Governor

In Memoriam

Dr. Leo J. Schneider, a faculty member at John Carroll University since 1963 and a long-time member of the Ohio Section MAA, died suddenly on June 6, 2010.

Leo was an active member of the MAA, serving as President of the Ohio Section in 1997-98, and as Governor of the Ohio Section from 2000 until 2003. He served on the Program Committee from 1993 to 1996, and chaired the committee in 1995-96. In 2004, he received the Ohio Section's Award for Distinguished College or University Teaching.

Beginning early in his career, Leo had a special interest in the mathematical co-curricular activities of students. He was a long time member of Pi Mu Epsilon, the national mathematics honor society. Leo served as the Secretary/Treasurer of Pi Mu Epsilon from 2002 until his death. He was posthumously awarded the C. C. MacDuffee Award for Distinguished Service to Pi Mu Epsilon at MathFest last August.

Leo also had a devotion to national mathematics competitions. From 1974 to 1988, he served as Ohio's regional exam coordinator for the American High School Mathematics Exam, and was appointed to the national American Mathematics Competitions Committee in 1980. During the period from 1988 to 1994, he chaired that committee. During these years, Leo gained a reputation as one of the country's premier mathematical problem posers, which led to numerous requests for his participation in the creation and judging of various other regional mathematics competitions.

One such competition was that administered by the American Regions Mathematics League. The day before his death, Leo received the 2010 Al Kalfus Award for Distinguished Service from the ARML. Leo served the organization in many roles over the years, as a grader, problem author, and most recently as Chief Judge.

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New Directions for the Committee on Section Activities?

For a number of years, CONSACT, the Committee on Section Activities, has been in charge of hosting a summer workshop for the section. Indeed, the Ohio Section was a leader in pioneering this activity, which is now prevalent in many sections and national programs such as PREP and PCMI. As a result, the interest in the Ohio sectional workshops has declined dramatically. In the last seven years, only three workshops ran successfully, one only because it had attendees from outside the section.

So, in the current parlance, CONSACT is ready to turn the page and seek new opportunities for the section. To do this, we are seeking your assistance and input. During the fall sectional meeting at Ursuline College, CONSACT will hold two discussion sessions, one on Friday afternoon and one on Saturday, to gather input and ideas from the members on how CONSACT, and ultimately the section, should move forward. These sessions will be during the last contributed session of each day and these will be the only sessions available at that time so as to not divide your attention.

To motivate these discussions, we have four questions that we would like you to consider:

- In light of the above, should CONSACT continue the summer short course program? If so, how can we assure better participation?
- Is there an annual activity CONSACT could do in place of or in addition to the summer short course?
- What activities would increase attendance to the sectional meetings, especially from schools with low attendance records?
- How can the section involve those who do not travel?

The CONSACT team is excited about the possibilities of such a session and hope it can be used to help shape the direction of the Section for the 21st century. If you are interested in contributing to the discussion, but are not able to attend either of the sessions, please send an e-mail to Lew Ludwig at ludwigl@denison.edu.

Lew Ludwig
Denison University
Chair, Committee on Section Activities

Campus Notes

Editor's Note: I've listed institutions in reverse alphabetical order this time.

Dr. Mahmoud Rawashdeh has left the **University of Findlay** to pursue other opportunities, and Dr. Wayne McGee, whose dissertation was in the area of Numerical Analysis, has joined the math faculty from Texas Tech University. Dr. Pam Warton survived her first year as chair of the department. The department looks forward to filling two tenure-track positions for the academic year 2011-2012. In addition, preparations are underway for hosting the Ohio Section meeting of the MAA in Fall 2012.

Youssef Raffoul has won the **University of Dayton** Alumni Award in Scholarship. Julie Simon and Brink Harrison have joined the Department of Mathematics as lecturers. The department will host its 24th Biennial Alumni Seminar on Saturday, November 6, 2010. Alums of our department will return to campus to talk about their professions with students interested in mathematics. More information will be available at http://academic.udayton.edu/MathEvents/.

David Hare and Glen Lobo received tenure at **Sinclair Community College** effective fall 2010. David Ericson and Kinga Oliver joined the faculty as Assistant Professors in fall 2010. David worked at Miami University-Middletown prior to joining Sinclair. Kinga worked at Sinclair as an Annually Contract Faculty before being appointed as an Assistant Professor.

Otterbein University welcomes a new colleague this fall. Dr. Zeying Wang joins us as Visiting Assistant Professor from a previous appointment at Ohio University. Dr. Wang earned her PhD in Mathematics from the University of Delaware, with MS degrees from the University of Delaware and Shanghai Jiao Tong University, and BS from Southwest China Normal University. In addition, we welcome Interim-Chair of Mathematical Sciences Dr. Pete Sanderson, Professor of Computer Science, who began his Otterbein career in 2001.

Jack Calcut is beginning his first year in a tenure-track position at **Oberlin College** this fall. Jack received his PhD from the University of Maryland in 2004. He has

Fall Meeting Program

Events will take place in the Pilla Center (PC) and the Fritzche Center.
The locations of these buildings can be found on the campus map on page 12.

Friday, October 22

Time	Event	Location
Noon-4:00	Registration	Pilla Atrium
12:00-1:00	Committee Meetings: CONCUR CONSACT CONSTUM CONTEAL Centennial Committee	PC 102 PC 136 PC 138 PC 239
1:00-4:00	Vendor and Book Exhibits	Pilla Atrium
1:15-1:30	Welcome & Announcements	PC 101
1:30-2:30	Invited Address: **"Can You Hear the Mathematics?"** *Michael Henle, Oberlin College*	PC 101
2:30-3:00	Break	Pilla Atrium
3:00-3:05	Centennial Minute	PC 101
3:05-4:00	Invited Address: **"A Sampler of Topics from Mathematics and the Arts"** *Barbara Ashton, Borough of Manhattan Community College, City University of New York*	PC 101
4:20 – 5:35	**Contributed Paper Sessions**	PC 136, 215, 238
4:20 – 5:35	Executive Committee Meeting	PC 138
5:40 – 5:55	**CONSACT Discussion Sessions**	PC 136, 215, 238
6:00- 6:30	Social Time	Pilla Atrium
6:45-8:00	Banquet	Daley Dining Hall in Fritzche Center
8:10-9:00	After-Dinner Talk: **"Hits and Memories: 1940-1970"** *John Stillwell, University of San Francisco*	PC 101

Saturday, October 23

Time	Event	Location
8:00-10:15	Registration	Pilla Atrium
8:00-10:15	Vendor and Book Exhibitions	Pilla Atrium
8:00-8:50	Continental Breakfast	Pilla Atrium
8:05-8:40	Ad Hoc Committee on Local Arrangements	PC 102
8:05 – 8:40	Executive Committee Meeting (if necessary)	PC 138
8:50-8:55	Announcements	PC 101
8:55-9:55	Invited Address: **"Of Elephants, Fuzzy Dogs, and Teaching Backwards: A Story About Making Your Course Engagin'"** *Dave Sobecki, Miami University Hamilton*	PC 101
9:55-10:15	Break	Pilla Atrium
10:25-11:20	**Contributed Paper Sessions**	PC 136, 215, 238
11:25-11:45	**CONSACT Discussion Sessions**	PC 136, 215, 238
11:55-12:55	Invited Address: **"From Perspective Drawing to the Eighth Dimension"** *John Stillwell, University of San Francisco*	PC 101
12:55	Closing Remarks	PC 101

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

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, see www.ursuline.edu/maa/.

Invited Speakers at the Fall Meeting

Barbara Ashton

"A Sampler of Topics from Mathematics and the Arts"

Three different topics from current publications that illustrate how mathematics can be used to model artistic endeavors will be discussed. The first two topics, from the *Journal of Mathematics and the Arts*, include how to calculate the area and volume of gothic structures using single variable calculus and how contra dancing is related to finite groups. Professor Ashton will also discuss an algorithm she has developed for modeling and generating heraldic designs.

Barbara Ashton was a faculty member at Wittenberg University and a former President of the Ohio MAA.

She is currently an associate professor of mathematics at Borough of Manhattan Community College – The City University of New York, where she recently completed directing the Science and Technology Entry Program, a college prep program for historically underrepresented and economically disadvantaged high school students. Ashton is a nationally recognized expert on the mathematics of Frank Lloyd Wright's architecture. Her current research focuses on the relationships between mathematics, religion and art. In her spare time, she scouts out locations in New York City where her border collies can play Frisbee.

Michael Henle

"Can You Hear the Mathematics?"

Connections between mathematics and music range from the mathematics of acoustics and sound itself, through the theory of scales and temperaments, to the use of mathematics in musical composition and analysis. This talk focuses on music composition.

Many composers, including some quite famous ones, have been accused of using mathematics. Some arguably have done so consciously. In other cases the presence of mathematics in their works has only been detected by some kind of *ex post facto* analysis. Either way, the question we ask here is: is the mathematics audible?

Musical composition can be aided by mathematics in numerous ways. Mathematics can be used to determine overall proportions and other large-scale parameters of a piece. It can provide tools for the manipulation of musical materials already composed. It can also generate from scratch the smallest details of a composition, namely, the notes themselves: pitches, dynamics, and durations.

But can the mathematics be heard?

This talk will present a number of very short case studies, almost exclusively based on classical music composed in the last 100 years. Don't expect any grand conclusions, but at least we will raise some basic issues.

Michael Henle is the current editor of *The College Mathematics Journal*. He has taught for 40-some years at Oberlin College having gone there directly from graduate work at Yale. He started his mathematical life as a functional analyst and then became a bit of a combinatorialist. He is the author of two texts: *A Combinatorial Introduction to Topology* (Dover) and *Modern Geometries: Non-Euclidean, Projective, and Discrete* (Prentice-Hall). A lifelong interest in music led him to the topic of this lecture. He plays piano a bit and is a sometime composer. He avoids, however, employing mathematics in music himself as far as possible.

Invited Speakers at the Fall Meeting

Dave Sobecki

**"Of Elephants, Fuzzy Dogs, and Teaching Backwards:
A Story About Making Your Course Engagin'"**

The traditional method of teaching math goes something like this: Definition; Theorem; Example; Example; Example; Application. Many of us feel pretty comfortable with that - hey, it worked for us. But does it work well for the average student? I propose a backward method: starting with applications to motivate the math. When you start to think this way, it opens up a world of possibilities. I'd like to share some of my world of possibilities.

Dave Sobecki was born and raised in Cleveland, and started college at Bowling Green State University in 1984 majoring in creative writing. Eleven years later, he walked across the graduation stage to receive a PhD in math, a strange journey indeed. After two years at Franklin and Marshall College in Pennsylvania, he came home to Ohio, accepting a tenure-track job at the Hamilton campus of Miami University. Dave has won a number of teaching awards in his career, and more recently has turned his attention to writing textbooks. He has written or co-authored either five or nine textbooks, depending on how you count them, as well as several solutions manuals and interactive CD-ROMS. Dave is in a happy place where his love of teaching meshes perfectly with his childhood dream of writing. Dave is also a former coordinator of Ohio Project NExT. He lives in Fairfield, Ohio with his lovely wife Cat, and fuzzy dogs Macleod and Tessa. When not teaching or writing, Dave's passions include Ohio State football, Cleveland Indians baseball, heavy metal music, travel, golf, and home improvement.

> ### Did you know?
>
> The MAA has a presence on Facebook and on Twitter. Become a fan!

John Stillwell

"From Perspective Drawing to the Eighth Dimension"

The discovery of perspective drawing in the 15th century led to projective geometry, in which points and lines are the main ingredients. Even with this simple subject matter there are some surprises, where three points fall on the same line or three lines pass through the same point, seemingly for no good reason.

The big surprises, or "coincidences", of projective geometry are the Pappus theorem, Desargues theorem, and the little Desargues theorem. Even more surprising, these purely geometric theorems were found (by David Hilbert and Ruth Moufang) to control what kind of *algebra* is compatible with the geometry. Compatible algebras live in 1, 2, 4, and 8 dimensions.

"Hits and Memories: 1940-1970"
Some reminiscences of mathematics and mathematics books from the middle of last century, set against the cultural background of the time. In particular, I will explain which comic book hero had the most influence on my mathematical development.

John Stillwell was born in Melbourne, Australia in 1942. He was educated at Melbourne High School (1956-1959) and Melbourne University (1960-1965), before going to MIT for his Ph. D. (1965-1970).

From 1970 to 2001 he taught at Monash University in Melbourne, during which time he wrote his best known book, *Mathematics and Its History*, and gave invited talks at the ICM in Zurich in 1994 and the Joint Meetings of the AMS and MAA in Baltimore in 1998.

Since 2002 he has been at the University of San Francisco, where he continues to write mathematics books, most recently *Naive Lie Theory* (Springer 2008) and *Roads to Infinity* (A K Peters 2010). He received the MAA's Chauvenet prize for mathematical exposition in 2005.

About Ursuline College

With a rich legacy of educating and empowering its students, Mother Mary of the Annunciation Beaumont of the Ursuline Sisters of Cleveland founded Ursuline College in 1871. She recognized the need for an institution of higher learning for women. Ursuline College was the first women's college in Ohio and one of the first in the United States. Located on a beautiful, spacious campus 13 miles east of Cleveland in Pepper Pike, Ohio, Ursuline is close to major highways, making it easily accessible.

As a Catholic liberal arts college, focusing on women, Ursuline welcomes students into an academically challenging and values-based environment. Ursuline's student body, including undergraduate and graduate students, is over 1500. Although Ursuline College primarily educates women, 9% of our undergraduate student population is men, and 27% of our undergraduate students represent a variety of minority groups.

Recognized for distinguished programs in nursing, fashion, social work and education, Ursuline offers more than 30 undergraduate and nine graduate degrees in four schools including arts and sciences, nursing, professional and graduate studies. The College also offers a doctor of nursing practice (DNP) degree.

Ursuline College employs qualified full-time and adjunct faculty, most of whom have earned doctorates or other terminal degrees in their fields of study. Ursuline faculty members are fully committed to student learning and success. Small class sizes enable students to get to know their professors well, and they can count on their instructors to guide and challenge them during their time at Ursuline.

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. Graduate students in mathematics or mathematics education are strongly encouraged to submit talks. Contributors should send a title and brief abstract by **Friday October 8, 2010**.

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, Phil Blau, by e-mail at pblau@shawnee.edu, or by U.S. mail at Department of Mathematical Sciences, Shawnee State University, 940 Second St., Portsmouth, OH 45662. 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 or chalkboard, 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. Overhead projectors are available upon request. Please mark the appropriate box when submitting your abstract online. Speakers with specific questions about technology availability should contact Michelle Wiggins at MWiggins@ursuline.edu.

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 Daley Dining Hall. It will be preceded by a cash bar in Pilla Atrium. The cost of the sit-down meal is $20 per person.

There are three entrée choices:

- Roast beef au-jus, served with twice baked potatoes
- Salmon, served with garden blended wild rice
- Stuffed portabella mushroom, served with garden blended wild rice.

All entrées are served with a fresh vegetable medley, mixed greens salad, and fruits of the forest pie.

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.

Driving Directions to Ursuline College

Ursuline is 30 minutes from downtown Cleveland and 45 minutes from Akron.

From I-90 East or West:
Take I-90 to I-271 South. Stay on I-271 to Exit 32, the Brainard Road/Cedar Road East. At the end of the exit ramp turn left on Brainard Road and stay in left lane to turn left onto Cedar Road at the traffic light. Turn right on Lander Road to the College entrance, approximately one-quarter mile on your right. Follow the campus road around to the right until you reach the Pilla Center.

From the East, via the Ohio Turnpike (I-80) or I-480:
Take the Ohio Turnpike west to Exit 187. Go west on I-480 to I-271 North. Follow the "From the South" directions below.

From the West, via the Ohio Turnpike (I-80) or I-480:
Take the Ohio Turnpike east to Exit 151. Go east on I-480 to I-271 North. Follow the "From the South" directions below.

From the South:
Take I-271 north to Exit 32, the Brainard Road/Cedar Road East. Once on the ramp, stay in the right lane, but take the left fork to follow the signs to Brainard Rd/Cedar Rd E. Turn right on Brainard Road and immediately get in the left lane to turn left onto Cedar Road at the traffic light. Proceed on Cedar Road, then right onto Lander Road to the College entrance, approximately one-quarter mile on your right. Follow the campus road around to the right until you reach the Pilla Center.

For GPS Navigators: The street address of Ursuline College is 2550 Lander Road, Pepper Pike, OH.

Parking: Since Ursuline will be on Fall Break during the meeting, you should be able to find parking in the Pilla Center lot, across the street from the Pilla Center. Permits are not required.

See the campus map on page 12 for more details. Directions and parking information are also available from the Local Arrangements web site, at **www.ursuline.edu/maa/** .

> Direct questions about local arrangements to Michelle Wiggins, at MWiggins@ursuline.edu or (330) 714-5342.

Where to Stay

Blocks of rooms have been reserved at these hotels. Except for Staybridge Suites, all of these hotels are located at Exit 29 on I-271. See the Local Arrangements web site at **www.ursuline.edu/maa/** for more information about lodging. Consult your favorite online map tool for maps and driving directions.

Use the group code "Math Association of America" for any of these hotels.

CLARION INN – 4 miles from the campus.
Group Rate: $79 per night, plus tax
26300 Chagrin Blvd
Beachwood, OH 44122
Phone: 216-831-5150
Rooms held until October 7, 2010
Smoking rooms available

COURTYARD BY MARRIOTT – 3.9 miles from the campus.
Group Rate: $89 per night, plus tax
3695 Orange Place
Beachwood, OH 44122
Phone: 800 321 2211
Rooms held until September 30, 2010

EMBASSY SUITES – 4.6 miles from the campus.
Group Rate: $99 per night, plus tax for king
$119 per night, plus tax
3775 Park East
Beachwood, OH 44122
Phone: 800 317 1960
Rooms held until October 1, 2010
Smoking rooms available

SUPER 8 – 4.0 miles from the campus.
Group Rate: $55 per night, plus tax
3795 Orange Place
Beachwood, OH 44122
Phone: 877 361 2508
Smoking rooms available
Rooms held until October 7, 2010

STAYBRIDGE SUITES – 0.5 miles from the campus.
Group Rate: $109 per night, plus tax
6103 Lander Haven Drive
Mayfield Heights, OH 44124
Phone: 800 238 8000
Smoking rooms available
Rooms held until September 22, 2010

Ursuline College Campus Map

Buildings

1 Mullen Academic Center (Office of Admission, Little Theater, and St. Angela Chapel)
2 Besse Library
3 Dauby Science Center
4 O'Brien Athletic Center
5 Fritzsche Center (Daley Dining Hall)
6 Wasmer Gallery
7 Pilla Student Learning Center
8 Grace Residence Hall
9 Murphy Residence Hall
10 New Residence Hall
11 St. Mark Center
12 Athletic Pavilion
13 St. Ursula House
14 St. Angela Center
15 Ursuline Educational Center (Chapel of The Most Holy Trinity and Klyn Hall)
16 Ursuline Sophia Center

Parking

A Mullen Academic Center Visitor Parking
B North Lot
C Faculty/Staff Parking
D O'Brien Athletic Center Faculty/Staff Parking
E O'Brien Athletic Center Visitor Parking
F Pilla Center Parking
G Wasmer Gallery Parking
H Residence Hall Parking
I Sports Field Parking
J Sophia Center Parking
K St. Angela Center Parking
L Ursuline Educational Center Parking

Pilla Center Parking

Banquet location

Campus Notes
(Continued from page 6)

held postdoc positions at the University of Texas at Austin and Michigan State University. His research interests include low dimensional topology, geometric topology, and Artin presentations.

Mercy College of Northwest Ohio has recently doubled the number of full-time math faculty. Dr. Lakshmi Dalwalla has accepted a position as Assistant Professor of Mathematics at the college. She joins Dr. Mary A. Bergs who has been teaching math at the college for 8 years. During that time the college has grown from 200 to over 1100 students.

At **Marshall University**, Dr. Scott Sarra has been promoted to the rank of professor and Dr. Basant Karna has received tenure. The department has acquired four new faculty as a result of taking responsibility for developmental mathematics classes. The new instructors are Mary Crytzer, Shannon Miller, Laura Stapleton and Devon Tivener. The department has hired two other new instructors: Tracy Marsh and Patrick Riley.

Effective August 2010, Dr. Om Ahuja is promoted to Full Professor of Mathematical Sciences at **Kent State University-Geauga**.

Dr. Tom Short, Professor of Statistics, received tenure at **John Carroll University**, effective Fall 2010. Scott Zimmerman, who earned his M.S. in mathematics at JCU last spring, has been hired as a Visiting Instructor for 2010-2011. As noted elsewhere in this newsletter, in June the department lost Leo Schneider, who had just completed 47 years of service to the University. Leo's most recent research student, Michael Joseph ('10), won a Pi Mu Epsilon Student Speaker Award at MathFest in August.

Denison University welcomes two new faculty member this fall. After completing his undergraduate degree at Colgate College, Ashwin Lall earned his doctorate in Computer Science at the University of Rochester and most recently completed a post-doc working on streaming algorithms at Georgia Tech. Andy Lorenz earned his undergraduate degree at Hope College, then a PhD in mathematics at the University of Michigan. Andy has just completed a post-doc at Boston College. At MathFest this summer, students Erica Evan ('11), Mary Kimberly ('11), Joe Paat ('11), Jacob Shapiro ('10) and Nathan Zakahi ('12) won cash awards for their research presentations in the Pi Mu

What do those acronyms mean?

As you read this newsletter, you may notice that we in the Ohio Section refer to a number of committees by acronyms. In case you've ever wondered about the official names of those committees, here they are:

- CONSACT: **C**ommittee **ON S**ection **ACT**ivities
- CONCUR: **C**ommittee **ON CUR**riculum
- CONTEAL: **C**ommittee **ON T**eacher **E**ducation **A**nd **L**icensure
- CONSTUM: **C**ommittee **ON STU**dent **M**embers

Epsilon and MAA student sessions. They worked with Professors Lew Ludwig, Matt Neal, and Sarah Rundell.

The College of Wooster's Pamela Pierce and John Ramsay co-authored "The Circle Squaring Problem Decomposed," which appeared in the November 2009 issue of *Math Horizons*. Along with students Jeffrey Willert ('09), Wenyuan Wu ('11), Hannah Roberts ('12), and Nancy Tinoza ('12), Pierce and Ramsay won MAA's Trevor Evans Award for this article. More about the accomplishments of the faculty and students at the College of Wooster can be found in their department newsletter, on the web at http://www3.wooster.edu/Math/Math_CS_Newsletter_2009-10.pdf.

Melissa Dennison, new Ph.D. in number theory from the University of Illinois, has joined the faculty of **Baldwin-Wallace College** this year. She is also a Project NeXT fellow. Last Spring Chungsim Han received the Strosacker Award for Excellence in Teaching, our most prestigious teaching award.

The Department of Mathematics and Computer Science at **Ashland University** welcomes Justin Young and Henry Bailey as Visiting Assistant Professors of Mathematics for the 2010-2011 academic year. Henry received his M.A. in applied mathematics from Pennsylvania State University and his research interests include ordinary differential equations and continuous probability distributions. Justin received his Ph.D. from the Ohio State University, with his dissertation focusing on automorphic forms and L-functions. Darren Wick is on senior study leave during the Fall 2010 semester and Gordon Swain will be serving as Interim Chair during this time.

Resources for Students (and others)

Tips and strategies for giving good math and science presentations, including an extensive list of do's and don't's, with video demonstrations: http://techspeaking.denison.edu/.

Information about mathematics, including careers, applications, and math in the news: http://www.whenwilliusemath.com.

Headlines and Deadlines for Students from the American Mathematical Society http://www.ams.org/news/student-enews/

A Student's Guide to Large Meetings: http://www.maa.org/images/meetingbrochure.pdf

Is Graduate School for You?: http://www.maa.org/students/gradschool.pdf

More at the MAA's Student page: http://www.maa.org/students/

Ohio NExT

spring's meeting, the NExT workshop at Kent State University featured Ivars Peterson, the MAA Director of Publications and Communications, and John Oprea of Cleveland State University for the fifty-minute workshops. Thomas Wakefield of Youngstown State University and Tara Mecham of the College of Mount St. Joseph 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 continues to be coordinated by Wiebke Diestelkamp, University of Dayton (wiebke@udayton.edu); John Prather, Ohio University Eastern (prather@ohio.edu); and Chris Swanson, Ashland University (cswanson@ashland.edu).

President's Message

University (who proudly claims graduate Benjamin Franklin Finkel, *The American Mathematical Monthly* founder and first editor). Spring 2016 will find us at The Ohio State University, site of the founding of the Mathematical Association of America. We like to have hosts identified a few years in advance, so please let me know if your school is interested in hosting a future meeting. In order to help local arrangement coordinators, the executive committee has set up an ad hoc committee, chaired by the Section treasurer, and consisting of recent-past and near-future local arrangers and program chairs. The committee will meet Saturday morning of the Section meeting. Its charge is to address all questions and concerns of the local hosts

Finally, I sadly report the loss of long-time Ohio Section member Leo Schneider. Leo passed away on June 6 of this year. He was very active in the profession and provided great service to the Section, having held several leadership positions over the years. He will be greatly missed.

I am honored to have the opportunity to serve as President of the Section this year. I hope to see you at the fall meeting at Ursuline, October 22-23.

Don Hunt
Ohio Northern University
Section President

Meeting Registration

arrangements and is always appreciated. Registration will be held beginning at 12:00 p.m. on Friday in Pilla Atrium 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 meal request (see page 10). 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 fee ($20 per person)] to: Ohio Section MAA Fall Meeting, c/o Dr. Michelle Wiggins, Department of Mathematics, Ursuline College, 2550 Lander Rd, Pepper Pike, OH 44124. Phone (330) 714-5342, FAX (440) 449-5421. Registration by FAX or e-mail will be pending upon receipt of registration fees.

Dick Little

personally as well as in the classroom – motivating them to do their best. He has encouraged countless students in their pursuit of graduate studies, mentored prospective and new teachers at all levels, and shared his many innovative teaching techniques with colleagues at Ohio MAA Section meetings. Dick "is truly a citizen of the academic community, always learning, and venturing outside his own discipline, again not counting the cost in terms of study or effort."

Dick continues to be actively involved in the MAA, the OCTM, and the NCTM. He has served the Ohio Section as a member of the Program Committee, editor of the Section newsletter, and President. As a member of the OCTM, he served as Vice-President, President, and director of the annual statewide mathematics contest, which he remains involved with as a member of the grading team. His involvement in the NCTM includes having served on the Professional Development and Status Advisory Committee and the Program Committee for the 75th Annual Meeting in Minneapolis. Dick shares his passion for teaching and for mathematics by giving talks at MAA and NCTM

Dick Little with past Section Teaching Award Recipients. Left to right: Bill Higgins, Aparna Higgins, Tom Price, Dick Little, Al Stickney, Tom Dence.

meetings – to date, he has given talks in over 30 states and 3 Canadian Provinces.

Dick has received other awards in recognition of his passion and dedication to teaching. He received the OCTM Christofferson-Fawcett Award (1990) and the Baldwin-Wallace Strosacker Award for Excellence in Teaching (1999). Dick is also very proud of the fact that at least 4 former students who have gone on to complete their PhD's are now tenured faculty members of mathematics in Ohio Colleges or Universities.

I think we can all agree with the following statements made in Dick's nomination packet: "Dr. Richard Little is extraordinary in his dedication to the teaching of Mathematics." and "Dr. Richard Little is a rare example of total commitment to teaching of mathematics at all levels. He is well deserving of the honor of receiving the Ohio Section Distinguished Teaching Award."

Submitted by Vickie Van Dresar
Ashland University
Section Teaching Award Committee
Chair, 2009-2010

Ohio Section on the Web

The Ohio Section web page has been migrated to a new host at the national MAA offices. The new URL is http://sections.maa.org/Ohio. The URL given throughout this newsletter, www.maa.org/ohio, will continue to redirect users to the Ohio Section site. In the transition process, it is likely that a number of links will have "broken." Please report any issues with the Section's web page to the webmaster, Darren Wick, at dwick@ashland.edu.

MAA Membership Renewal

MAA memberships formerly ran for one calendar year. Recently, the MAA changed that policy, and now memberships run for one year from the time you join, or from the time your previous year's membership expires. Watch your mail and e-mail for reminders about renewing your dues. You can do so at the MAA website, **www.maa.org/**.

Coming Up in Ohio

Miami University 38th Annual Conference
This year's title is "Analysis in Undergraduate Curriculum." The conference will be held on the Miami University campus on **September 24-25, 2010**. Details are available at **http://unixgen.muohio.edu/~mathematics/ annual_conference/current.html**.

OCTM Annual Conference
The Ohio Council of Teachers of Mathematics is holding their annual conference on **October 14-15, 2010**, in Akron, Ohio. See **www.ohioctm.org/conference_2010.htm** for details.

Midstates Conference for Undergraduate Research in Computer Science and Mathematics (MCURCSM)
This annual conference will be held at Wittenberg University on **November 20, 2010**. 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 Monday, October 11, 2010. For more information, see **www.wittenberg.edu/mcurcsm**. If you are interested in being a referee for the conference, please contact the organizing committee at **mcurcsm@wittenberg.edu**.

Student Conference at Youngstown State University
The Ohio Xi Chapter of Pi Mu Epsilon at Youngstown State University is hosting its twelfth annual regional Student Paper Meeting tentatively scheduled for **February 26, 2011**. 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.math.ysu.edu/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 **March 25-26, 2011**, at Youngstown State University. The invited speakers for that meeting are: Gordon Swain from Ashland University, Jennifer Quinn from Washington University, Don Hunt from Ohio Northern University, and Doug Ensley from Shippensburg University. 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.** If you want to get a jump on meeting preparations, you can check out the Local Arrangements web page at **www.maa.ysumathstat.org/**.

Centennial History
(Continued from page 4)

There is a third contender for the honor of being the "first" MAA section. On November 12, 1915, a group of collegiate mathematics teachers in Kansas held a meeting at Topeka High School and appointed a delegate to present their request to become a section as soon as the national organization should give them an opportunity. The date of the Kansas charter is not known, but their first meeting as a section of the MAA was held at the University of Kansas on March 18, 1916.

So, there seems to be just enough evidence to make things confusing. Nevertheless, a 1927 article on "The Association and its Sections" by H. E. Slaught reported: "It will be recalled that Ohio and Missouri were contestants for the honor of securing the first charter for a section and that Ohio won by the margin of a few minutes." Thus Ohio has the honor of being first in the MAA parade of sections.

David Kullman
Miami University
Chair, Centennial Committee

2010-2011 Ohio Section Officers and Committees

ELECTED OFFICERS

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

Past-President #1
Mark Miller, Marietta College
740-376-4811; millerr@marietta.edu

Past President #2
Vickie Van Dresar, Ashland University
419-289-5265; vvandres@ashland.edu

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

Section Governor
Al Stickney, Wittenberg University
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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, 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
*Phil Blau, Shawnee State University (2011)
David Singer, Case Western Reserve U. (2012)
Adam Parker, Wittenberg University (2013)

CONTEAL
*John Prather, Ohio Univ Eastern (2011)
John Williams, Malone College (2011)
Chris O'Connor, Shawnee State Univ (2011)
Susan Thompson, Otterbein College (2011)
Pam Warton, University of Findlay (2012)
Shelly McGee, University of Findlay (2012)
Richard Little, Baldwin-Wallace Coll. (2013)
Drew Pasteur, College of Wooster (2013)

CONSTUM
*Matthew Menzel, Marietta College, 2012
Christopher Swanson, Ashland Univ (2012)
Mihai Caragiu, Ohio Northern Univ (2011)
Thomas Wakefield, Youngstown St. U. (2012)
Kelsie McCartney, Bowling Green St. U. (2013)
Ryan Rahrig, Ohio Northern University (2013)

CONSACT
*Angela Spalsbury, Youngstown St. U. (2012)
Lew Ludwig, Denison University (2011)
Shannon Miller, Marshall University (2011)

CONCUR
*William Fuller, Ohio Northern Univ (2011)
Richard Daquilla, Muskingum College (2011)
Anna Davis, Ohio Dominican U. (2013)
Chandra Dinavahi, U. of Findlay (2013)
David Stuckey, Defiance College (2013)

OTHER COMMITTEES

Nominating Committee
*Vickie Van Dresar, Ashland U. (2013)
Bill Higgins, Wittenberg University (2012)
Tom Dence, Ashland University (2011)

Committee on Contests
David Stenson, John Carroll Univ, AMC12

Teaching Award Committee
* Mark Miller, Marietta Coll. (Past President)
Pam Warton, University of Findlay (Secretary),
Bill Higgins, Wittenberg University (Past recipient 2007)
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 2010: Ursuline College
Michelle Wiggins, mwiggins@ursuline.edu

Spring 2011: Youngstown State University
Tom Wakefield, tpwakefield@ysu.edu

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

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

Calendar

Ohio Section

Spring 2011 Section Meeting, March 25-26, Youngstown State University, Youngstown, OH

Fall 2011 Section Meeting, October 21-22, 2010, University of Findlay, Findlay, OH

Spring 2012 Section Meeting, March 30-31 (tentative), Xavier University, Cincinnati, OH

National MAA-AMS

Annual Joint Meetings, January 6-9, 2011, New Orleans, LA

MathFest, August 4-6, 2011, Lexington, KY

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 38th Annual Conference, September 24-25, 2010, Miami University, Oxford, OH

OCTM Annual Conference, October 14-15, 2010, Akron, OH

Indiana Section MAA Meeting, October 16, 2010, Purdue University North Central, Westville, IN

Central Section AMS Meeting, November 5-7, 2010, Notre Dame University, Notre Dame, IN

AMATYC Annual Conference, November 11-14, 2010, Boston, MA

MCURCSM, November 20, 2010, Wittenberg University, Springfield, OH

T^3 International Conference, February 25-27, 2011, San Antonio, TX

Student Mathematics Conference, February 26, 2011, Youngstown State University, Youngstown, OH

International Conference on Technology in Collegiate Mathematics (ICTCM), March 17-20, 2011, Denver, CO

Kentucky Section MAA Section Meeting, March 25-26, 2011, Eastern Kentucky University, Richmond, KY

Allegheny Mountain Section MAA Meeting, April 8-9, 2011, Clarion University, Clarion, PA

Illinois Section MAA Section Meeting, April 8-9, 2011, North Central College, Naperville, IL

Indiana Section MAA Section Meeting, April 8-9, 2011, Indiana Wesleyan University, Marion, IN

NCTM National Meeting, April 13-16, 2011, Indianapolis, IN

Michigan Section MAA Meeting, May 6-7, 2011, Western Michigan University, Kalamazoo, MI

Joint Statistical Meetings, July 30-August 4, 2011, Miami Beach, FL