Fall Meeting in Columbus
October 9-10

Columbus State CC Campus.
Registration will be in Academic Center B, in foreground

This meeting is being held in conjunction with OhioMATYC at Columbus State Community College. Although Section meetings usually are held Friday afternoon and Saturday morning, and OhioMATYC all day Saturday, members of both organizations are welcome at all sessions and activities.

Dr. David Stone, the chair of the MAA Committee on Sections, will speak on "Mathematics is a Lazy Man's Sport". Doug Faires, will give the Teaching Award Winner's address: "Designing a Modern Applied Mathematics Program". The evening begins with a banquet and social time. Following that, Nancy Sattler and David Kullman will present "Creating a Vision for Mathematics and Science Education in Ohio".

On Saturday, Susan Ganter of the American Association for Higher Education will be discussing a study on the effects of calculus reform. CONCUR will present a panel and discussion on mathematics placement. After lunch a presentation/workshop: "Laughing Matters in the Classroom".

Section Officers for 1998-99

With the close of the Section meeting at John Carroll in April, Roger Marty of Cleveland State assumed the office of President of the Section after having served as President-Elect. A short biography of him appears on page 3. Roger has appointed new members of various committees and offices. The officers and committees may be found on page 4.

Leo Schneider, John Carroll, moved on to be Past-President. He will also chair the teaching award committee.

At the business meeting, Aparna Higgins, University of Dayton, was elected President-Elect. Dale Mugler, University of Akron, was elected to a three-year term on the Program Committee. The senior person on the committee serves as chair. This year that is Harold Putt of Ohio Northern. Thomas Gantner of Dayton is the other committee member.

President's Comments

I am writing this column shortly after the summer planning meeting of the Executive Committee was held at Columbus State Community College, where we will meet this Fall jointly with OhioMATYC. Larry Lance , who is in charge of local arrangements for the upcoming meeting, provided us with a new and elegant conference room equipped with large windows overlooking downtown Columbus. The room had an annular conference table around which the 15 of us met very comfortably. In fact, our meeting lasted five hours, including the delicious lunch supplied by our host.

At the meeting we received, discussed, and accepted various reports, including those of the Audit Committee (on Section Finances), the Treasurer, and the Section Officers Meeting in Toronto. We set dates for future meetings and reviewed the plans

Governor's Report

The 1998 MathFest in Toronto seems to have been a great success, with attendance exceeding that of the 1997 MathFest Atlanta. This summer's meeting was particularly convenient for those in our Section, and quite a number of Ohio Section faculty and students were at the meeting.

The Board of Governor's met on Wednesday July 14 at the Delta Chelsea Hotel. The Executive and Finance Committees of the MAA meet a day earlier than the Board of Governor's and iron out any final details for the meeting. Most of their work, however, is done at a meeting at the Headquarters in May, when the Agenda is prepared.

As I noted last year, the Board of Governor's is very large, 50 Governors in addition to the Executive Committee members, but the meetings are run very efficiently with a large and detailed Agenda distributed in advance of the meeting. Many of the items on the Agenda are informational, although Board approval is needed to formally accept reports. Gerald Alexanderson, the MAA President, presided at the meeting. He was ably assisted Ken Ross, the immediate past President, who was substituting for Martha Seigel, the MAA Secretary.

The recent problems with the financing of the MAA seem to have essentially been resolved with the hiring of the new Director of Finance, Neil Beskin, and the installation of a new accounting software package. Neil is also serving as the key liaison between the MAA and PMDS (Professional Mailing and Distribution Services) which now handles the mailing and distribution MAA materials. However, there is still some sorting out to be done on this front. PMDS are responsible, for example, for the notices that you receive imploring you to become a member of the MAA when you have been a member for X-teen years, and your dues are currently paid. All in good time, I am told.

Membership levels have decreased slightly or remained stagnant in the recent past years and there is an effort to bring new mathematicians into the fold. In particular, current graduate students should be encouraged to become more aware of the MAA, since it is likely to be their main mathematical organization during their mathematical careers. The NeXT fellows are particularly valuable in bridging the gap between graduate students and the large percentage of mathematicians who are members of the MAA, and it has been suggested that they consider ways to involve graduate students in Sectional activities.

The item of business that generated the most discussion was the summer MathFest in the year 2000. The MathFest for 1999 will be in Providence, Rhode Island on July 31-August 2, but there had been discussion of not having a summer 2000 meeting since the reasonable meeting times would conflict with either a special AMS meeting at UCLA on mathematics for the next century, or with the International Congress on Mathematics Education in Makuhari, Japan. Although the meeting site and dates for the summer MathFest 2000 have not been resolved, it was the overwhelming opinion of the Board that there be a summer meeting in 2000 and, if possible, that it be held on the West coast early in August. The site selection committee will now provide a proposal for Board consideration at the 1999 winter meeting in San Antonio.

The International Mathematical Olympiad was underway at the time of the meeting, so there was no official report on the progress of the US team. Later news reported that the team did extremely well, tying for third in a competition that including teams from 76 countries. Particularly encouraging is the fact that this US team was very young. It consisted of only one senior, Kevin D. Lacker, from Sycamore High School from Cincinnati, one junior, Melanie Wood from Park Tutor High School in Indianapolis (the first female on a US Olympiad team), one sophomore, Shasha Schwartz from Radnor High School in Pennsylvania, and three freshmen, Reid Barton, a home schooled student from Arlington, Massachusetts, Gabriel Carroll from Oakland Technical High School in California, and Paul A. Valiant from Milton Academy in Massachusetts. All the team members won either a Gold or a Silver medal in the International Olympiad.

I feel that the primary task of the Section Governor is to provide a liaison between the Section and the National organization. Please let me know if you have items of concern for the National MAA, and also if I can provide you with information about the workings of the Headquarters and the MAA Committees. A copy of the Agenda for the 1998 MathFest meeting is listed on the Web copy of this report, so that you can see the topics that were discussed.

Douglas Faires
Section Governor
[Doug, and his wife Barbara (Westminster College) who is prominent in MAA activities and leadership, are in the picture on page 8. See Fall 97 newsletter or the web site for a bio.]

T-shirt Logo Contest

The Committee on Student Members (CONSTUM) will be awarding a free T-shirt to students participating in the 1999 student paper contest. T-shirts will also be available for purchase at the Spring, 1999, meeting of the Ohio Section. We invite faculty and students in the Ohio Section to submit an original design to be printed on these shirts. The only restriction on the logo is that it should incorporate some aspect of mathematics.

Logos should be sent so as to be received by **September 30, 1998**, to Gordon Swain, Dept. of Mathematics and Computer Science, Ashland University, Ashland, OH 44805. CONSTUM will select a logo at the Fall, 1998, meeting, and the winner will be notified by mail following that meeting. The winner of the logo contest will receive a free T-shirt.

Student Paper Contest

The 1998 winners were Vincent Lucarelli, Youngstown State, "Breaking RSA Encryption with the b-factoring Method," first place, $100; Brad Hinesman, Bowling Green, "Analysis of Risk and Return in a Financial Portfolio," second place, $75; and Brian S. Shuler, Bowling Green, "On Medicine and Mathematics: Contributions of Daniel Bernoulli," third, $50.

Students are invited to participate in the fifth annual Ohio Section Student Paper Contest. Monetary prizes will be awarded to the authors of the first, second, and third place papers. Every student who enters the contest will receive a free T-shirt. (See the announcement for the T-shirt logo contest on page 2.)

Papers submitted for the contest are to be expositions of a mathematical topic of the student's choice, and should reflect the high expository standards of MAA journals. Where possible, the paper should give an historical perspective of the topic along with an indication of the topic's impact on other branches of mathematics, the sciences, or engineering. Judging will be based on mathematical content and expository style, with the expectation that the highest standards of English grammar and usage will be observed.

Any undergraduate student at a college or university in the Ohio Section is eligible to enter. Students who graduated in 1998 or 1999 may submit papers that were written as part of their undergraduate work.

Papers must be received no later than Jan. 27, 1999, by Dr. Barbara D'Ambrosia, CONSTUM Chairperson, either in printed form by U.S. mail at Department of Mathematics and Computer Science, John Carroll University, University Heights, OH 44118, or in TeX or LaTeX format by e-mail at bdambrosia@jcu.edu. Winners will be notified by mail no later than March 20, 1999, and the prizes will be awarded at the Spring, 1999, meeting in Dayton.

Papers are to be typed and double-spaced with normal font size and margins, and must be at most ten pages long. Papers should be submitted with a cover letter indicating the student's name and institution; the faculty advisor who supervised the writing of the paper; the student's year in school (junior, senior, etc); the evolution of the paper (senior project, honors thesis, summer research experience, etc.) the student's mailing address.

Please encourage students to participate! *Barbara D'Ambrosia*

Roger Marty
Section President

Roger's five sisters are not dairy farmers, but his four brothers are; and all nine live within seven miles of his childhood farm near Wooster, Ohio. His sisters and brothers have 38 daughters and sons, ten of whom are dairy farmers. Such a background goes a long way to understand and appreciate Roger. He is quiet, consistent, and diligent. He knows full well that you can't skip a day.

Roger has been a member of the faculty at Cleveland State University for more than half his life, to borrow a phrase from a colleague in the Ohio Section of the MAA (whose initials are CWG), and he has been teaching students mathematics for over a third of a century.

He has three degrees in mathematics: B.S. in 1964, M.A. in 1966, and Ph.D. in 1969. The first from Kent State, where his grades suffered, especially during his sophomore year, from giving too many haircuts in his residence hall; while the other degrees were from Penn State. For the 1968-69 academic year he was an Instructor in Mathematics at Western Michigan University, where he went to study with his thesis advisor, who was spending the year there. Following that year he has been at Cleveland State continuously.

His thesis area was set-theoretic topology and his interests now also include students' understandings of mathematical concepts and how they develop these understandings. Initially his interests focused on developing students' abilities with handling mathematical abstractions and constructing proofs of mathematical statements, which abilities they need as they 'transition' from calculus to upper undergraduate theory courses. Later, he also became interested in students' understandings in more general courses. He has an impressive list of over 20 publications, with a wide range from m-adic spaces to experiential mathematics. He has also reviewed over 50 books and manuscripts. He has been active as referee, reviewer, ACT test writer, and is a consulting editor of the journal *College Teaching*.
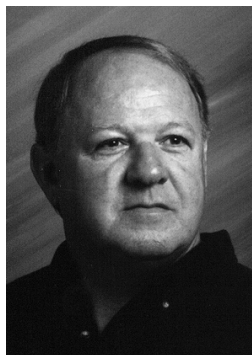
Over the years he has served on more than 30 college and department committees; and he currently serves on the College Peer Review Committee for Promotion and Tenure, the College Nominating Committee, and the University Graduation, Convocation, and Assembly Committee.

He has been very active in the AMS, NCTM, OCTM, MAA, and the Ohio Section for two decades, with nearly perfect attendance at Section meetings. Before being elected Section President, he has chaired the Program Committee, the Committee on Curriculum, and the Committee on Teacher Education and Certification. He has served on NCTM's Task Force for Implementing the Standards

His wife, Madge, is a learning disability therapist and is certified by the National Institute of Learning Disabilities. She is also an accomplished watercolor artist. A couple of days per week she can be found painting in public at the Blue Moon Art Gallery in Chagrin Falls, Ohio.

Madge and Roger live in Lyndhurst and have a pair of children and a pair of delightful grandsons. They are active at Parkside Church, where she has taught Sunday School and he is an usher. He likes to play basketball, and plans to continue doing so as long as his knees hold up.

(President's Comments continued) for both Fall 1998 and Spring 1999 meetings. We agreed to designate the Teacher's Corner as the *Kenneth Cummins Teacher's Corner*, and agreed to contribute $500 to the Leitzel lecture fund being set up at the MAA. We also discussed ways of reducing the heavy workload of the job of Secretary-Treasurer, perhaps by uncoupling them, to use the expression of the Audit Committee. A lengthy discussion centered on finding ways to predict the number of students to prepare for in their social events, given the large number of student talks that we have had recently.

I am continually impressed with my colleagues in the Section as they display their dedication and willingness to work hard on Section activities. Time after time when I assigned members to committees or to chairs of committees, I received very positive responses. And the extensive preparations of members at the summer meeting were clearly evident. I think the Section is very fortunate to have so many energetic and committed members.

I hope to see you in October!
Roger Marty

1998-1999
Ohio Section Officers and Committees

ELECTED OFFICERS

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Past-President
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leo@jcvaxa.jcu.edu

Section Governor
Douglas Faires, Youngstown State
330-742-1805, faires@math.ysu.edu

Secretary-Treasurer
Janet Roll, Findlay
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419-772-2347, Fax: 772-2330
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OhioMAA Liaison to OCTM and
OCTM Liaison to OhioMAA
David Wallach, Findlay
419-424-4624, Fax: 424-4822
wallach@lucy.findlay.edu

COMMITTEES

• denotes committee chair. The elected officers and these committee chairs are the voting members of the Executive Committee. See the Bylaws.

Program Committee:

Harold Putt•	Ohio Northern	1999

419-772-2351, Fax: 772-2330
h-putt@onu.edu

Thomas Gantner	Dayton	2000
Dale Mugler	Akron	2001

Committee on Curriculum (CONCUR)

Olaf Stackelberg•	Kent State	1999

330-672-4004 (ext 302)
stack@mcs.kent.edu

Mark deSaint-Rat	Miami Hamltn	2001
Robert Hovis	Ohio Northern	1999
Felipe Martins	Cleveland State	2001
Danny Otero	Xavier	2001
Carol Schumacher	Kenyon	2000
Carl Spitznagel	John Carroll	2000

Committee on Section Activities (CONSACT)

Bob Dieffenbach•	Miami Middltn	2000

513-727-3238, diefferm@muohio.edu

Thomas Dence	Ashland	2000
John Holcomb	Youngstown St.	2001
Darrell Horwath	John Carroll	2000
Renee Koplon	Wright State	1999

Committee on Student Members (CONSTUM)

Barbara D'Ambrosia•	John Carroll	2000

216-397-4682
bdambrosia@jcvaxa.jcu.edu

David Cusick	Marshall	2001
Paula Gnepp	Cleveland State	2001
Diane Groth	Findlay	1999
James Sellers	Cedarville	2001
Brian Shelburne	Wittenberg	1999
Gordon Swain	Ashland	2000

Committee on Teacher Education and Certification (CONTEAC)

Delene Perley•	Walsh	2001

330-345-6889, perley@alex.walsh.edu
or dperley@bright.net

David Flaspohler	Xavier	1999
Phil Huneke	Ohio State	2000
Richard Laatsch	Miami	1999
David Meel	Bowling Green	2001
Sherwood Silliman	Cleveland St.	2000
Cathy Stoffer	Ashland	2001

OTHER COMMITTEES

* denotes committee chair.

Nominating Committee:

Barbara Ashton*	Wittenberg	2001

937-327-7860, bashton@wittenberg.edu

John Michel	Marietta	2000
Floyd Barger	Youngstown	1999

Committee on Contests:

Bill Higgins	Wittenberg	AJHSME
David Stenson	John Carroll	AHSME

ByLaws Committee

Darrell Horwath*	John Carroll

216-397-4685, djh@jcvaxa.jcu.edu

J. William Friel	Dayton

Teaching Award Committee

Leo Schneider*	John Carroll
Janet Roll	Findlay
Thomas Hern	Bowling Green
John Lancaster	Marshall

Local arrangments for meetings:

Fall 1998: Columbus State
[Joint with OhioMATYC]
Larry Lance, 614-287-5305
llance@cscc.edu

Spring 1999: Dayton
J. William Friel, 513-229-2511,
friel@saber.udayton.edu

Fall 1999: Wooster
Charles Hampton, 330-263-2486,
hampton@acs.wooster.edu

Spring 2000: Marshall
Ari Aluthge, 304-696-3050
aluthge@marshall.edu

Fall 2000: Wittenberg
Brian Shelburne
bjs@wittenberg.edu

Terms expire at the end of the spring meeting of the year listed.

Miami Conference

The 26th Annual Mathematics and Statistics Conference will be held October 2-3, 1998. The theme will be "Mathematics Classroom Demonstrations". Invited talks will be given by Thomas Banchoff, Brown Univ., Pete Casazza, University of Missouri, Frank Morgan, Williams College.

Authors wishing to contribute a 20-minute paper consistent with the theme of classroom demonstrations should submit an abstract by September 14; "demonstrations" may include the use of physical models and/or computers. A "Show-n-Tell" poster session will be held in which presenters will be able to informally exhibit their classroom demonstrations. See: http://miavx1.muohio.edu/~mstcwis/bulletin.html#muconference

Send abstracts for papers or notification for Show-n-Tell to: Professor Mark A. Smith, Dept. of Mathematics and Statistics, Miami University, Oxford, Ohio 45056 , Tel: (513) 529-5818, Fax: 529-1493, E-mail: smithma@muohio.edu,

Pi Mu Epsilon Student Conference

The Ohio Delta Chapter of Pi Mu Epsilon will also hold its twenty-fifth annual Student Conference at Miami, October 2-3, 1998. Undergraduate and graduate students are invited to contribute 15 or 20 minute papers, and should send abstract or request for information to: Professor Milton Cox, Dept. of Mathematics and Statistics Miami University, Oxford, Ohio 45056, Tel: (513) 529-6648, E-mail: coxmd@muohio.edu

Students, whether they are presenting a paper or not, are welcome to attend. We shall provide accomdations for all students.

Ohio Statistics Conference

The 15th annual Ohio Statistics Conference is being hosted by Wright State University on Friday, November 6, 1998.

One of the principal goals of the conference is to acquaint students with what statistics is all about—i.e., what does a statistician do in the real world? Information about Ohio graduate statistics programs will be available for those students who wish to investigate the benefits of a graduate education in statistics.

For more information or to receive the program and registration packet, contact Harry Khamis (hkhamis@wright.edu, 937-775-2433) or see the website: http://www.math.wright.edu/MS/SCC/conference.htm *The meeting and lunch are free for undergraduates.*

Campus News

Baldwin-Wallace College

Chungsim Han, Randy Molmen and David Calvis are each taking sabbatical leaves .
Dr. Tony Weston will be a one year sabbatical replacement.

Bowling Green State University

Lukacs Professor for 1998-99 is G.P. Patil, of Penn. St.; he will organize the 1999 Symposium. Joining the department are: post docs Juan Bes, Kent State, operator theory, and Warren McGovern, U. of Florida, ordered groups; and Gary Nonnemacher as instructor.
Vern Terwilliger, Charles Applebaum, Ray Steiner, and Thomas Hern are taking advantage of the Early Retirement Incentive Program (ERIP), and will continue to teach half time.
Alex Izzo has been granted tenure and promoted to Associate Professor.
Curt Bennett was one of 16 teachers at BGSU recognized by Mortar Board Honor Society.
Edsel Peña received the Kappa Mu Epsilon chapter's *Excellence in Teaching Mathematics Award.*
Kit Chan received Oustanding Service Award of the Undergraduate Student Government .

John Carroll University

Dr. Angela Spalsbury is a new visiting assistant professor of Mathematics. Angela is a 1996 graduate of Kent State. Her research interests are functional analysis and operator theory.
Dr. Leo Schneider will be on leave from during the Fall, 1998, semester.

Marshall University

David Cusick has been awarded the University's 1998 *Marshall and Shirley Reynolds Outstanding Teacher Award.* Mathematicians have won the award three times in its twelve-year history.
Dr. Laura Adkins has been promoted to associate professor. Ph.D. in statistics from Ohio State.

Miami University

Hal Sudborough, Founders Professor of Computer Science at the University of Texas at Dallas, is the Distinguished Visiting Professor for 1998-99.

Ohio State University

The Department initiated this year limited term Ross Assistant Professor positions with a focus on teaching to augment the more research focussed limited term Zassenhaus Assistant Professor positions. The inaugural Ross Assistant Professors, Mark Gaulter, William Husen, Jeffrey Riedl, and Kim Whittlesey will join new Zassenhaus Assistant Professors, Maxim Braverman, Craig Jensen, David Pollack, Michael Schlosser and Alice Yew. In addition, Wenzhi Luo and Yuan Lou accepted Assistant Professor positions in the Department.
Randall Dougherty, Peter March and Bishun Pandy (on the Marion campus) were promoted to full Professor. Andras Nemethi was promoted to Associate Professor.
Professor Guido Mislin resigned, but will continue to hold an adjunct appointment in the Dept.
Professor William J. Davis retired June, 1998, but may retain an interest in the department's remote learning program using Calculus with Mathematica. He was awarded an Ohio State University Distinguished Teaching Award.
Peter March assumed the Chair of the Department in July 1998 when Ruth Charney stepped down from being Interim, then Acting, Chair for a year.
Francis Carroll, the senior member of the Department, has returned from a one year sabbatical and married Joan Gallagher, a friend from his college days.

University of Cincinnati

H. David Lipsich has been named an Honorary Member of the A.M.S.
Charles Groetsch has received a three-year NSF grant to develop curricular materials on inverse problems. He and C. D. Minda are site directors for the Inst. for Advanced Study/Park City (Utah) High School Teacher Program.
Donald Parker (Ph.D., Ohio State) died last spring.

University of Findlay

Dr. Janet Blair Roll received the Founders' Academic Excellence Award for Full-Time Faculty.

University of Toledo

Dr. Janice Lynne Roe died of cancer on June 4, 1998 at age 56.

1999 Sumer Short Course

The next short course will meet at Miami University in Oxford, Wednesday afternoon, June 23, through Friday morning, June 25, 1999. The presenter will be S. Brent Morris from the National Security Agency who will present topics from his book, *Magic Tricks, Card Shuffling and Dynamic Computer Memories,* which was just published by the MAA.

The registration fee will be $125, and dormitory rooms will be available at a nominal cost. For additional information, see the spring newsletter, the web pages, or contact: Bob Dieffenbach, Miami Univ. Middletown, Middletown, OH 45042. email: diefferm@muohio.edu, 513-727-3238,

CONTEAC

Last year Committee on Teacher Education and Certification (CONTEAC), under the able leadership of James Sellers of Cedarville College, discussed various approaches of establishing appropriate math curricula for middle school licensure by the State. Only one of the schools represented on the committee received approval of their first proposal, albeit conditional. The rest of us took courage in knowing we were not alone in having to make revisions.

This next year we will no doubt continue this exchange of information among the committee members. Suggestions for ways of sharing with the larger membership are welcome as are any other ideas for consideration by the committee for this next year. Please forward them to Delene Perley, perley@alex.walsh.edu, or Walsh University, 2020 Easton St. NW, North Canton, OH 44720 (330 490 7232).

Delene Perley

Technology Institute and T³ Regional Conference

The next MAA/OhioMATYC/COCTM/ OCTM Institute and T³ Regional Conference will be held at Columbus State CC. Date undetermined at press time.

The technology-based conference emphasis will be on enhancing the teaching and learning of mathematics using handheld technology. Workshops, sessions, and book and calculator vendors will be available. Sessions for all grade levels are appreciated.

For information, please see the web page (http://www.math.ohio-state.edu/ ohiomatyc/t3winter.html) or email Ed Laughbaum (elaughba@math.ohio-state. edu) or Larry Lance (llance@cscc.edu).

James R.C. Leitzel

Jim died February 25, 1998 in New Hampshire at age 61. He was diagnosed with cancer in October and did not respond well to treatment. He was an energetic and enthusiastic ambassador of the teaching of mathematics. Jim had made great efforts in teacher education here in Ohio, and he served on the MAA's committees on undergrad curricula. He served as a visiting mathematician at the MAA for a year, and was a member of the MAA delegation to the People's Republic of China in 1983. During 1984-85 he was Ohio Section Chair (now President). Jim taught at the Ohio State University, U of Nebraska, and most recently at the University of New Hampshire–where his wife Joan, also an Ohio Section veteran, is President. She served as Program Committee Chair in 1982-83.

But Jim's crowning achievement was his co-directorship (together with Chris Stevens) for the last five years of Project NExT (New Experiences in Teaching). This program is an unalloyed success in introducing new and recent Ph.D.s to the teaching of college mathematics. It has provided these young teachers with instant connections to established teachers, and it provides a support and mentoring system for them. Project NExT Fellows also benefit from a special two-day workshop of talks, panel discussions and short courses on topics such as maintaining one's research agenda while teaching, calculus -- to reform or not, course portfolios, advising, undergraduate research, etc.

Jim's enthusiasm (backed by his powerful voice and his heartfelt laugh that he gave so readily) will be sorely missed by all of us who knew him and by the MAA. The MAA has established a lecture series in his memory. See web page for detail.

Aparna Higgins

Kenneth Cummins

Kenneth Cummins, 86, passed away Wednesday, May 13, 1998. He had been diagnosed with ALS about a month before. He retired from full-time teaching at Kent State in 1982, but continued teaching part-time until he was 81.

He has been an active member of the Ohio Section for many many years, and gave short talks at almost every Section meeting, and at other meetings and conferences—the last was less than a year ago. He has inspired many of us.

Kenneth was born in New Washington, where he graduated from high school in 1929. He earned a BS from Ohio Wesleyan University in 1933, a master's degree in mathematics from BGSU in 1939, and a doctorate in mathematics and mathematics education from OSU in 1958. From 1933 to 1957 he taught mathematics, science, Latin and orchestra for the New Washington and Sulphur Springs schools in Crawford County. He taught at Kent State 1957 to 1993.

Learning and teaching were Kenneth Cummins' life. He continued to study mathematics throughout his life, and was reading classical geometry in the original German during his last years. He enjoyed practicing the trumpet, which he took up late in life. He prepared the choir in his church for annual oratorio presentations, and was band leader of New Washington at weekly concerts during the summer months.

Kenneth lived for his students. As a professor at KSU, his day would start in the early morning hours, sometimes as early as 4am, when he would begin preparing materials for his students in that day`s classes. His student worksheets became legendary among faculty and students. He conducted student group sessions long before group work came into national focus. In addition to his officially assigned teaching schedule he would conduct credit seminars for the many students who requested them. He would end his long days with "open office hours" in the library, usually from 8 - 10pm to which he invited all students needing advice and help. These sessions were well attended.

Kenneth's many students remember him as both a teacher and a friend. Many recall that it was Kenneth who introduced them to the love of mathematics. The Ohio Council of Teachers of Mathematics honored him by dedicating their 1998 Annual Conference to "our mentor, for he did 'gladly lerne and gladly teche' " (Richard Little quoting Chaucer). See picture on opposite page.

Olaf Stackelberg

Ohio Section Award for Distinquished College or University Teaching of Mathematics.

Thomas A. Hern of the Department of Mathematics and Statistics at Bowling Green State University, is the seventh recipient of the prestigious Ohio Section Award for Distinguished College or University Teaching of Mathematics.

The award, presented during the Spring Meeting held at John Carroll University in Cleveland, is presented to those who are widely recognized as successful teachers, have an influence in their teaching of mathematics beyond their own institutions and foster curiosity and excitement about mathematics in their students.

Examples of his teaching success include being twice recognized for the annual award for the KME "Excellence in Teaching Mathematics" by students in his department as well as being nominated four times for a university wide Master Teacher Award. Furthermore, in surveys of Arts and Sciences seniors, he was routinely cited as "the professor who contributed most significantly to their educational development."

Colleagues and students mention repeatedly the unbelievable amount of time he devotes to class preparations and how accessible he is. One student wrote, "He was always in his office and willing to talk. He would put down whatever he was doing to help me." Dr. Hern has also inspired students to the degree that they have pursued an academic career in mathematics. One past student, now a mathematics professor wrote, "As a student I was impressed by his clear, unhurried, concise teaching presentations. He motivated topics through examples, a style I still strive to emulate in my own teaching." Another wrote, "As a colleague, he is the one I seek out whenever I have a problem, and he is the one I always make a point of visiting whenever I return to Ohio."

In addition to his excellent teaching record, Dr. Hern has extended his influence beyond his institution through his publishing of numerous articles like "Gaussian Elimination in Integer Arithmetic: An Application of the L-U Factorization" in *The College Mathematics Journal,* as well as "Viewing Some Concepts and Applications in Linear Algebra" (with Cliff Long), in *Visualization in Teaching and Learning Mathematics* of the MAA Notes Series. During 1982-84, he was a visiting professor in the Department of Computer Science at the University of North Carolina at Chapel Hill working on the molecular graphics project.

Finally, Hern has been exceptionally active in the Ohio Section of the MAA. A member since 1970, he has served as President, handled local arrangements for meetings and short courses, and served as Chair of the Program Committee. He is also the founder and current Section Webmaster and is serving as the newsletter editor.

Dr. Hern received his Ph.D. in 1969 from The Ohio State University in probability theory. He has been an active member of the Bowling Green State University faculty since then. In addition to keeping in touch with his protégés, he enjoys reading, photography, attending classical music concerts and is a regular globe trotter. Trips abroad have included visits to Kenya, Europe, Egypt, and he was a member of the 1983 MAA Delegation to the Peoples Republic of China.

John Zimmerman
Barbara Ashton

Nominations for 1999

Nominations for the eighth Ohio Section Teaching Award are now being welcomed. Anyone may nominate an Ohio Section member for the award. Department chairs and MAA Liaisons should verify that all worthy colleagues will be considered.
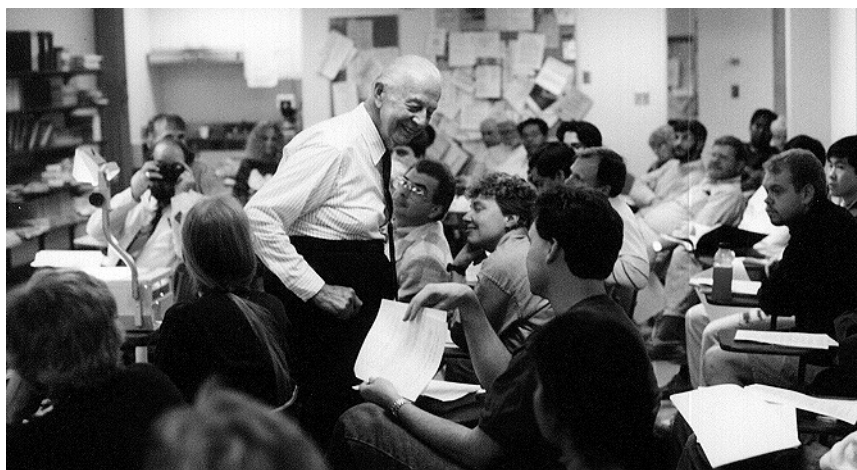
The awardee will be announced and honored at the 1999 Spring Ohio Section meeting. News of the Award will be published in the Section newsletter, newspapers, and in other sources. Official letters will be sent to the appropriate persons at the awardee's institution.

The awardee will also be the Section candidate in the pool from which the recipients of the Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics will be selected. There will be up to three such awards, each of which will be honored at the National Mathematics Meetings in January, 2000, and receive a $1000 check and a certificate. The following are the MAA rules and guidelines:

- Those eligible are College or University teachers assigned at least halftime during the academic year to teaching a mathematical science in a public or private college or university (from two-year college teaching through teaching at the Ph.D. level), who have at least five years teaching experience in a mathematical science, and are members of the Ohio Section of the MAA. Those on approved leave (sabbatical or other) during the academic year in which they are nominated qualify if they fulfilled the requirement in the previous year.

- Nominees should be widely recognized as extraordinarily successful in their teaching, have teaching effectiveness that can be documented, have had influence in their teaching beyond their own institution, and foster curiosity and generate excitement about mathematics in their students.

Nominations forms and guidelines are available on the Section web page, at the Fall meeting, or from the chair of the Section award committee listed below. Please send this form and supporting information, postmarked by Tuesday December 1, 1998.

Leo J. Schneider
Department of Mathematics and CS
John Carroll University
University Heights, OH 44118-4581
Leo@jcvaxa.jcu.edu, (216-397-4481)

Kenneth Cummins in his element, on a visit to BGSU at age 84.

Fall Section Meeting Program
October 9-10, 1998
All sessions are open to all registrants.

Friday

Noon-4:30	Registration and Book Exhibits
12:15 - 1:15	MAA Committee Meetings (CONSTUM, CONSACT, CONCUR, CONTEAC, Program Committee)
1:30 - 1:45	Welcome and Announcements
1:45 - 2:45	Invited Address: "Mathematics is a Lazy Man's Sport" David Stone, Georgia Southern University and Chair, MAA Committee on Sections
2:45 - 3:30	Coffee Break
3:30 - 4:30	Ohio Teaching Award Winner's Address: "Designing a Modern Applied Mathematics Program" Douglas Faires, Youngstown State University
4:40 - 6:20	Contributed Papers
4:40 - 5:40	MAA Executive Committee Meeting, OhioMATYC Executive Committee Meeting
6:30 - 7:30	Banquet
7:30 - 8:30	After-Dinner: "Creating a Vision for Mathematics and Science Education in Ohio" Nancy Sattler, Terra C.C. and David Kullman, Miami

Saturday

8:00 - 10:00 am	Registration
8:15 - 9:00	MAA Department Liaisons Meeting,
9:00 - 9:10	Welcome and announcements
9:10 - 10:00	Invited Address: A study of the effects of calculus reform. Susan Ganter , American Association for Higher Education
10:00 - 10:30	Coffee Break
10:30 - 11:30	CONCUR Panel: Mathematics Placement Nancy Sattler, Terra CC, Sherwood Silliman, Cleveland State, Alan Stickney, Wittenberg
10:30 - 11:30	Academic Systems: Progress Report and Demonstration Kathy Struve Columbus State CC
11:30 - 12:30	Contributed Papers OhioMATYC Business Meeting,
12:30 - 1:30	Lunch
1:45 - 3:15	Invited Presentation/Workshop: "Laughing Matters in the Classroom" Steve Wilson & Company.
3:15 - 3:30	Closing remarks/door prizes

Check the web for updates (http://www.bgsu.edu/departments/math/Ohio-section/).

Mathematics is a Lazy Man's Sport
David Stone
Georgia Southern University

From the earliest times, mathematicians, having solved a real world problem, have done two things: (1) establish algorithms to carry out their solutions, and (2) generalize, often far past the point of practicality. We are lazy in the sense that, even though we like to figure things out, we don't like to figure out something more than once, so we condense the work and use the result; for example, the quadratic formula replaces the labor of completing the square. There are many more instances.

David and Ann Stone, Doug and Barbara Faires
at USA Math Olympiad award ceremonies in June at the State Department.

David Stone is currently the Chair of the MAA Committee on Sections and member of the Board of Governors and Executive Committee. In the Southeastern Section he has served as Governor, Chair and Newsletter Editor; in 1998, he received the Section's Distinguished Service Award. He is a member of the Project NExT Advisory Panel and organized Project SE-NExT. He was principal organizer of the state mathematics/science coalition in Georgia and served as Vice-President of NASSMC (the National Alliance of State Science and Mathematics Coalitions).

His undergraduate degree is from Georgia Tech, his Ph D from the University of South Carolina. He has taught at Georgia Southern since '08 except for a visiting year at the University of Kentucky. He has written one short book, Notes for Set Theory, has published in ring theory and has given numerous talks at AMS, MAA and xCTM meetings. He has also been a frequent contributor to the problems sections in various periodicals. He received Georgia Southern's Award for Excellence in Contributions to Instruction and the GCTM Gladys Thomason Award for Distinguished Service in Mathematics Education, He is an aging racketball player who will not face up to a lack of athletic ability.

Call for Contributed Papers

Contributed paper sessions are scheduled for both Friday afternoon and Saturday morning. Twenty minute presentations on any topic in mathematics or related areas are encouraged.

Reports on projects, research announcements, or anything else you believe would be of interest to those in attendance are welcome.

At their August meeting, the Executive Committee voted to change the name of the Teacher's Corner contributed paper session to the *Kenneth Cummins Teacher's Corner*. Reports of class room innovations or interesting projects will be collected together for this session.

Contributors for all sessions should send a title and a brief abstract by October 2, 1998 to: Harold L. Putt, Department of Mathematics and Computer Science, Ohio Northern University, Ada, Ohio 45810, e-mail(preferred): h-putt@onu.edu, Fax: 419-772-2330

The contributed paper program will be posted on the web page prior to the meeting.

Panel on Mathematics Placement

Panelists will present the placement procedures used at their schools. Information will be given on different placement tests and the "nuts and bolts" of placement at a two-year school, private college, and large university. Discussion will follow.

Designing a Modern Applied Mathematics Program
Douglas Faires
1996 Teaching Award Recipient

A traditional undergraduate program in applied mathematics has a heavy emphasis in the mathematics that is most appropriate for students who will work in consultation with engineers and physical scientists. However, the market for individuals trained at the undergraduate level in mathematics has broadened, with an increased emphasis on those skills required to make valuable contributions in numerous areas of business. Good quantitative skills are clearly required for success in this area, together with a reasonable computer knowledge, but it is also important to have excellent communication skills. This talk will consider the traditional curriculum for applied mathematics and suggest modifications that might be made to make applied mathematics programs more relevant for our undergraduates.

Creating a Vision for Mathematics and Science Education in Ohio

The Ohio Mathematics and Science Coalition (OMSC) has launched a project that will enable Ohio's K-16 education stakeholders to create a shared vision and a coordinated plan for improving mathematics and science education. We will present an overview of this visioning project, currently in the data collection stage, and solicit input from members of the audience.

Academic Systems: Progress Report and Demonstration

In January 1998, Columbus State began offering some sections of Developmental Mathematics courses using an alternative to traditional lecture/discussion, called "mediated learning." A "typical" lesson from Beginning Algebra will be demonstrated using Academic Systems software, and discuss how the Mathematics Department uses this approach to increase student involvement, motivation, and attendance in Beginning and Intermediate Algebra classes.

Banquet and Lunch

Friday banquet: $13. Please indicate your choice of entrée on the registration form.
- Chicken Paprika, twice baked potato, steamed mixed vegetables.
- Vegetarian Lasagna.

both with tossed salad, rolls, dessert.

The customary OhioMATYC lunch on Saturday is $5.

All are welcome to each. Reservations are needed by Oct. 6 to be sure of a ticket.

Student Activities at the Spring Meeting

The Spring, 1998, meeting at John Carroll University was very well-attended. Sixty-six students presented talks, with many others in attendance. The pizza party Friday evening was a big success, as was the student microcourse on the TI-92 calculator given by Penny Dunham. Thanks again to all the students who participated, and to all the John Carroll students who provided overnight accommodations and behind-the-scenes support.

It's never too early to start planning a talk for the Spring, 1999, meeting. We encourage undergraduate and graduate students to give quality 15-minute talks at the meeting in Dayton. Both expository and original research topics are acceptable. Students who give talks at this meeting will receive free MAA memberships.
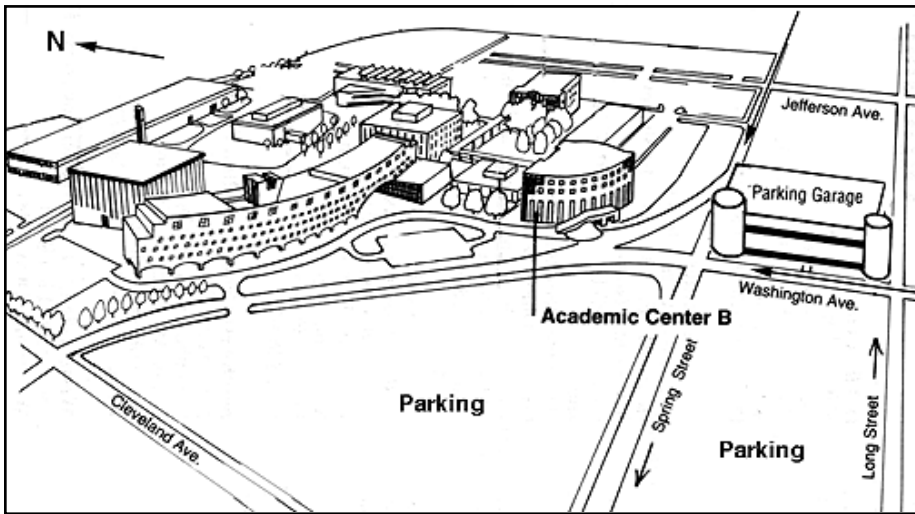
Barbara D'Ambrosia

OhioNExT

A full program of OhioNExT workshop activities will be held Thursday evening and Friday morning, October 8-9, preceding the Ohio Section fall meeting at Columbus State. Fellows will be housed on Thursday night at the Parke University Inn (at Section expense), and the banquet will be held at 7:00 p.m. on the Columbus State campus. Friday morning, after a continental breakfast on campus, workshop activities begin at 8:45 a.m. Leading off will be short talks by three OhioNext fellows on their mathematical research activities. Following the short talks, there will be two major workshop sessions. David Stone, Georgia Southern University, will present the first workshop session. His topic will be "Lessons and Examples from Thirty Years of Teaching Mathematics," some reflections on the faculty member as teacher and scholar and how much fun it is. David has served as a mentor in the national NExT program. The second workshop session is still not finalized at press time. (More details about the program will appear on the Section web page as they become available.)

The NExT workshop at last spring's meeting at John Carroll was very successful. Seventeen OhioNExT Fellows and four mentors took part. Three fellows gave short talks on their research activities -- presenters were Barbara Margolius (Cleveland State), Preston Nichols (Wittenberg), and Maria Walters (Ohio Northern). Milt Cox (Miami) presented a workshop session on nurturing good teaching and the evaluation of teaching. Fred Rickey (Bowling Green) followed with a session about how to enliven the standard calculus course with topics from the history of mathematics.

The upcoming workshop session at Columbus State will be the fourth since the founding of the Ohio Section's local version of the national Project NExT for new faculty members. There are now thirty-two OhioNExT fellows. Of these, seventeen are also national NExT fellows. To be eligible, the only requirements are that a faculty member be in her/his first four years of teaching and have a strong commitment to teaching undergraduates. Applications for new OhioNExT fellows are now being accepted. Details and application materials can be found on the web page, or from Barbara Ashton, Wittenberg. e-mail: bashton@wittenberg.edu.

John Michel

Columbus State Community College

For more than thirty years, Columbus State Community College has been meeting the diverse educational needs of the community and is proud to be an important contributor to the growth and change of Columbus and central Ohio.

In 1963, the Columbus Board of Education created the Columbus Area Technician School. In 1965, the Ohio Board of Regents (OBOR) approved a proposal creating the Columbus Technical Institute District. Columbus Technical Institute was granted a charter by the Ohio Board of Regents effective July 1, 1967.

As a state-assisted college, Columbus Technical institute provided technical programs which prepared students for immediate employment. From the first graduating class in 1965 through today, more than 23,000 students have earned associate degrees in 40 technical fields and transfer programs.

On July 1, 1987, Columbus Technical Institute was rechartered as Columbus State Community College by action of the Regents. The significant change came about as a result of a study of the educational needs of Columbus and central Ohio. The study supported the establishment of a comprehensive community college to provide additional educational opportunities to area residents.

As a comprehensive community college, Columbus State maintains a strong commitment to technical education, offering the Associate of Applied Science and the Associate of technical Studies in more than 35 programs in business, health, public service, and engineering technologies. The transfer programs, Associate of Arts and Associate of Science, meet the major-ity of freshman and sophomore course requirements offered by four-year colleges and universities. Articulation agreements have been established with many state and private colleges and universities throughout the state. Over 17,000 students attend the main campus located on a 75-acre campus near downtown Columbus and at six off-campus locations throughout central Ohio.

The department consists of 20 full-time faculty and approximately 55 adjunct faculty. The faculty possess a balance of graduate degrees in mathematics, mathematics education,and statistics. The department offers courses ranging from developmental algebra through ordinary & partial differential equations, including discrete mathematics and linear algebra. Courses are also offered in statistics and in mathematics for elementary teachers.

Larry Lance

Places to Stay

Make your own reservations. Prices do not include tax. Due to activities in the area, it is wise to make reservations early. Some we contacted were sold out, especially in the first quadrant. Be sure to ask for two beds for doubles. All but the first are regular rates as reported to us, and may vary. Check for special rates, such as AAA.

Downtown Hotels. Fee for parking. Numbers are locations on downtown map (page 11) .

1. Adam's Mark Hotel
   50 N. Third St. Street. (614) 228-5050.
   Single/double $99, Exec queen suite $20 more. Ask for special Cols. St. Rate.
   Parking: $10 self, $13 valet.

2. Courtyard by Marriott
   35 W. Spring St. (614) 228-3200.
   King or two double beds $79
   Parking: $9 self, $12 valet.
3. Crown Plaza Hotel
   33 E. Nationwide Blvd. (614) 461-4100.
   Single/double $85
   Valet parking $15, also available at at City Center Mall garage next door.

OSU west area: (North of Lane Ave.)
• Days Inn-University
   3160 Olentangy River Rd,
   (614) 261-0523
   Single/double $59
• Parke University Hotel
   3025 Olentangy River Rd,
   (614) 267-1111
   Single/double $58
• Red Roof Inn
   Rt 315 at Ackermann Rd.,
   (614) 267-9941
   King $59.99, two double beds $69.99

North: US 23 and I-270 (13 miles)
• Amerisuites
   7490 Vantage Dr., (614) 846-4355
   King or two double beds, $79; suites have queen sleeper sofa and kitchenette.
• Courtyard by Marriott
   7411 Vantage Dr., (614) 436-7070
   King $74, two double beds $79
• Red Roof Inn
   I-270 at US 23, (614) 846-3001
   Single $53.99, double $60.99

West: I-70, I-270. (10-11 miles)
• Hampton Inn West
   5625 Trabue Rd., Exit (91/91B) I-70
   (614)-851-5599
   Single $66, double $75.
• Holiday Inn Express
   4530 W. Broad St., I-270 Exit 7B,
   (614) 870-3700
   King or two queen beds $79.95
• Ramada Inn
   4601 W. Broad St., I-270 Exit 7B,
   (614) 878-5301, $59.95
• Red Roof Inn
    Rome-Hilliard Rd. Exit (91/91B) I-70,
   (614) 878-9245
   Single $45.99, double $53.99

South: I-71, Exit 100, (9 miles)
• Ramada Inn
   Stringtown Rd at I-71 (614) 871-2990
   Single $63, double $69
• Red Roof Inn
   Stringtown Rd. at I-71. (614) 875-8543
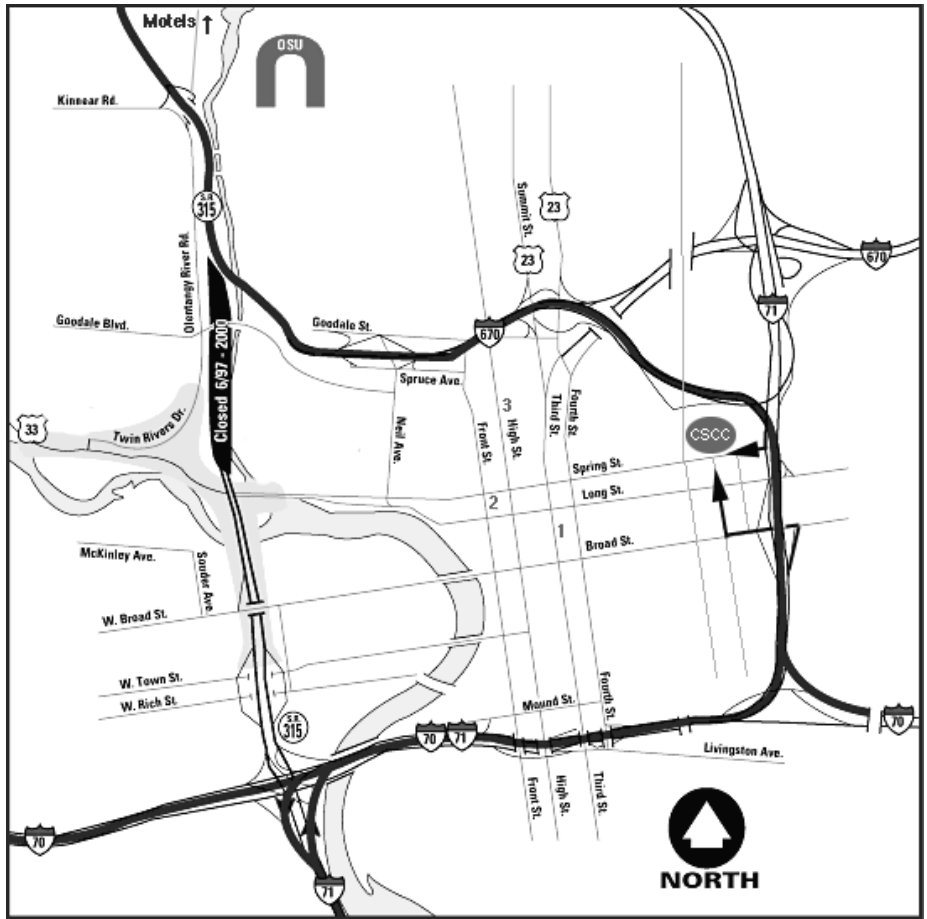   Single $55.99, double $62.99

Directions and Parking

The Columbus State Community College campus is located in downtown Columbus, 550 East Spring Street, near I-71. Registration will be in Academic Center B, at East Spring Street and Washington Avenue. See campus map on page 10.

- From I-71 southbound, take the Spring Street exit. The exit ramp is to the left. Turn right (west) on Spring Street
- From I-71 northbound, exit at Broad Street (U.S. 40), west to Washington Avenue, and north to campus.

Spring Street is one-way westbound and Long Street is one-way east bound. Washington Ave. handles two-way north and south traffic between Broad Street and Spring Street. Washington becomes Mt. Vernon Avenue as it enters the campus at Spring St.

Plan to park in the parking garage at the corner of Spring Street and Washington Avenue, or in the open lot accessible from both Spring Street and Long Street. No pass will be required and there is no charge.

Downtown Columbus.

Clip or photocopy; or print from web page.

MAA MEETING REGISTRATION FORM

Name: _____ Phone: _____

Institutional Affiliation: _____ E-mail: _____

Address: _____

City: _____ State: _____ Zip: _____

Amount enclosed: _____ $10 MAA registration fee; waived for students.

_____ $13 banquet (Indicate entrée: __ Chicken Paprika __ Vegetarian Lasagna.)

_____ $ 5 Lunch, Saturday (OhioMATYC registration fee – $15 – includes lunch)

_____ Total (Make check payable to Ohio Section, MAA)

Please check one of the following: __ Univ. __ Four-year __ Two-year college faculty __ High school teacher __ Undergraduate __ Graduate student __ Industry/gov. __ Other, specify:

To register for the meeting, send to: Larry Lance, Columbus State Community College, 550 E. Spring St., Columbus, Ohio 43215; (LLANCE@cscc.edu, 614-287-5305)

Please make reservations by Tuesday, Oct. 6. Early registration will help those making local arrangements.

Calendar

Ohio Section

October 9-10, 1998, Columbus State CC (with OhioMATYC) OhioNExT, October 8-9.

Winter Technology Institute, Columbus State CC, 1999, TBA.

March 26-27, 1999, U. of Dayton

Summer Short Course, Brent Morris, NSA, June 23-25, 1999, Miami.

October 22-23, 1999, College of Wooster

April 7-8, 2000, Marshall U., Huntington WV.

Fall, 2000, Wittenberg U., Springfield

National MAA-AMS

January 13-16, 1999, Annual Joint Meetings, San Antonio

Mathfest, July 31-Aug 2, 1999, Providence RI.

January 19-22, 2000, Annual Joint Meetings, Washington, DC

January 10-13, 2001, Annual Joint Meetings, New Orleans

January 6-9, 2002, Annual Joint Meetings, San Diego

Other

Miami Mathematics and Statistics Conference, "Classroom Models, Demonstrations, and Constructions." and PME conf., October 2-3, 1998.

NCTM Regional Meeting, Oct. 15-17, 1998, Louisville, KY

OCTM, October 22-24, 1998, Akron.

AMATYC, November 4-8, 1998, Portland, Oregon:

Ohio Statistics Conference, November 6, 1998, Wright State. hkhamis@wright.edu for information. A conference for students.

Indiana Section, November 7, 1998, St. Mary's College, Notre Dame, IN

International Conference on Technology in Collegiate Mathematics, November 19-22, 1998, New Orleans.

Conference on Undergraduate Mathematics, March 19-20, 1999, Rose-Hulman Institute of Technology, Terre Haute, IN

NCTM, April 22-25, 1999, San Francisco.

Michigan Section, May 7-8, 1999, Eastern Mich. U, Ypsilanti.

SIAM Annual Meeting, May 12-15, 1999, Atlanta

Complimentary copies of this newsletter are being distributed to OhioMATYC members, and to others—such as new faculty and graduate students—who might be interested in Ohio Section activities. By joining the MAA, you will get your own copy of the newsletter. If you are not an MAA member, look at the web page: http://www.maa.org/mbsvcs/mbsvcs_index.html .

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