

THE SCOPE



Michigan Branch- American Society for Microbiology
Fall 2005 Conference

"New Perspectives and Paradigms in Environmental Microbiology"

Saturday, October 8, 2005

To be held at University of Michigan - Dearborn, Dearborn, MI.



The Fall 2005 meeting of the Michigan Branch-American Society for Microbiology will be held at the University of Michigan - Dearborn, located in Dearborn, MI. On Saturday, October 8, 2005, three exciting seminars will be given on *New Perspectives and Paradigms in Environmental Microbiology* by Drs. James Tiedje (Michigan State University), Matthew Fields (Miami University of Ohio), and Darryl Chandler (Argonne National Laboratories). Dr. Kim Feiner (Kent State University) will present an afternoon workshop for microbiology educators. There will be a student poster session and corporate sponsor exhibits. Please mark your calendars for this event!

President's Report (Daniel Clemans; daniel.clemans@emich.edu)

Dear Colleagues and Friends,

First, I thank Kris Baumgarten and the members of the MI-ASM Board for the wonderful meeting at Delta College last spring. We had many excellent posters, corporate partner sponsors and presenters that helped make this a great meeting.

I invite you to the Fall 2005 Meeting of the Michigan Branch of the American Society for Microbiology (MI-ASM; <http://mi-asm.org>). The meeting is entitled "New Perspectives and Paradigms in Environmental Microbiology" and will take place at the Fairlane Center at the University of Michigan - Dearborn on October 8, 2005. Our guest speakers are Drs. James Tiedje (Michigan State University), Matthew Fields (Miami University of Ohio), and Darryl Chandler (Argonne National Laboratories). In addition, Dr. Kim Finer (ASM Waksman Speaker; Kent State University) will be presenting an afternoon Microbiology Education Workshop entitled "Mystic Media: Using the Popular Press to Teach Microbiological Concepts and Create Course Activities."

During my term as president of MI-ASM, I will reach out to educators at Colleges and Universities, Community Colleges, and K-12 schools. Hence, I extend a special invitation to you as a Biology and Microbiology educator. Further, I will continue the support and formation of new student chapters. To this end, each of our student chapters received financial support from the National ASM to attend the Fall 2005 meeting. Please see <http://mi-asm.org/>, or your student chapter advisor for more information.

I hope you had a restful summer and look forward to a rewarding and productive fall. Please do not hesitate to contact Dr. Sonia Tiquia or me for further details on the fall meeting or any further information on MI-ASM. In addition, please spread the word about the Fall 2005 meeting to any interested colleagues and friends.

I look forward to seeing you in Dearborn!

Secretary's Message (Mary Ann Cardani; mcardani@flint.umich.edu)

Dear MI-ASM members,

The Fall meeting at UM Dearborn promises to be another great venue for expanding your knowledge of microbiology and for meeting other people who share your passion for microbiology. Whether you are an undergrad, a grad student, Postdoc or professional, MI-ASM has much to offer you. Our branch has student chapters at several of our Michigan colleges. These student chapters can provide a unique experience and opportunities for students pursuing future careers in the field of microbiology. Presenting a poster at a branch meeting is one way to get your name noticed!

We have also recently added a Job-Posting page to our website. Check out the site when you are looking for a job or if your lab has a position to post. Don't forget to introduce yourself to other people at the meeting. It's a good way to establish friendships and to do some networking.

As always, I look forward to seeing each of you at the Fall meeting.

Treasurer's Report (Debra Hanna; Debra.Hanna@Pfizer.com)

Our current balance is \$21,1934.77. Contributing to this balance is \$4,100 in grants solicited by Sylvia Rossbach from the National ASM. We are also awaiting word from the Pfizer foundation on an additional \$4000 to support branch needs including, but not limited to, student sponsorship, keynote speakers and travel. Please note that we still have \$1000 of Gerhardt funds available for the support of student projects and student travel to scientific meetings. Students must apply for these moneys so I encourage our educational coordinators and microbiology club presidents to spread the word.

Current MI-ASM Student Chapters

Central Michigan University Microbiology Club, Eastern Michigan University Microbiology Club, Western Michigan University Microbiology Club, University of Michigan-Flint Microbiology Club, Michigan State University Microbiology Club, Michigan Technological University Microbiology Club, & Tri-Cities Microbiology Club.

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Sonia M. Tiquia, UM - Dearborn
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Fall 2005 MI-ASM Conference

"New Perspectives and Paradigms in Environmental Microbiology"

Saturday, October 8, 2005

To be held at University of Michigan - Dearborn, Dearborn, Michigan

8:00-8:45 a.m. Registration, Continental Breakfast and Poster Set-up

8:45 a.m. Welcome

Dr. Robert Simpson, Provost (UM-D)

Dr. Sonia M. Tiquia, Conference Chair and Host

Dr. Daniel Clemans, President of Michigan Branch ASM

9:00 a.m. Dr. Matthew Fields, Assistant Professor of Microbiology, Dept. of Microbiology, Miami University, Ohio

"CHARACTERIZATION OF DIVERSE MICROORGANISMS AND POPULATIONS VIA GENOMIC SEQUENCES AND PHYSIOLOGICAL TRAITS"

10:00 a.m. Coffee Break/Visit Posters & Corporate Exhibits.

10:45 a.m. Dr. Darrell Chandler, Section and Technical Group Leader, Biodetection Technologies, Section Biochip Technology Center, Argonne National Laboratory, Argonne, IL

"TOWARDS AN ANALYTICAL PERSPECTIVE FOR ENVIRONMENTAL MOLECULAR BIOLOGY"

11:45-12:45 p.m. Lunch, Corporate Exhibits, Student Posters, Meet Speakers, Prizes

12:45 p.m. Dr. James Tiedje (current ASM President), University Distinguished Professor, Department of Microbiology and Molecular Genetics and Director, Center for Microbial Ecology, Michigan State University

"GENOMIC INSIGHTS INTO ENVIRONMENTAL MICROBIOLOGY"

1:45-2:45 p.m. Tours/Workshop options

A. Microbiology Education Workshop, Dr. Kim R. Finer, ASM Waksman Foundation Speaker, Associate Professor of Microbiology, Department of Biological Sciences, Kent State University / Stark Campus, OH

"MYSTIC MEDIA: USING THE POPULAR PRESS TO TEACH MICROBIOLOGICAL CONCEPTS AND CREATE COURSE ACTIVITIES"

B. Tour of the ENVIRONMENTAL STUDY AREA on UM-Dearborn campus led by Dr. Orin Gelderloos, Professor of Biology, Univ. of Mich. - Dearborn.

Please indicate your interest in Dr. Finer's Education Workshop when you register.

An announcement about tours and microbiology education workshop will be made during lunch.

For additional information and registration, please visit: <http://www.mi-asm.org>.

Online registration will ensure reservations for the meeting and lunch.

CONFERENCE LOCATION, PARKING, & MISC. INFORMATION.



Meeting Organizers and Contacts:

Sonia Tiquia, Department of Biology, University of Michigan - Dearborn
Daniel Clemans, Department of Biology, Eastern Michigan University.
Silvia Rossbach, Department of Biology, Western Michigan University.



Meeting Location:

The meeting will be held at The Fairlane Center, University of Michigan–Dearborn, Dearborn, Michigan.

Lodging:

For Michigan ASM members, we have a block of rooms at the Hyatt Regency in Dearborn at a reduced rate of \$109 per night. When making your reservation, be sure to mention “The University of Michigan-Dearborn” to get the special rate. This rate is effective **until October 7.** For reservations call 800-633-7313 or go to:

<http://dearborn.hyatt.com/reservations/flow6/propCheckAvailability.jhtml?src=tigproperty&iata=HY100224>



Directions to UM-Dearborn

(see meeting website for further details):

The Fairlane Center is at 19000 Hubbard Drive.

From the west

Take I-94 east to Southfield (M-39) and exit north. Follow Southfield (North) to the Michigan Ave. (U.S. 12) exit. Stay on the Southfield Service Drive to Hubbard Drive and turn left. Follow Hubbard Drive and turn right into the Southern entrance of the UMDearborn/Fairlane Center.

From the east

Take I-94 west to Southfield (M-39) and exit north. Follow Southfield (North) to the Michigan Ave. (U.S. 12) exit. Stay on the Southfield Service Drive to Hubbard Drive and turn left. Follow Hubbard Drive and turn right into the Southern entrance of the UMDearborn/Fairlane Center.

From the south

Take Southfield (M-39) north to the Michigan Avenue exit. Stay on the Southfield Service Drive to Hubbard Drive and turn left. Follow Hubbard Drive and turn right into the Southern entrance of the UMDearborn/Fairlane Center.

From the north

Take Southfield (M-39) south to the Ford Road exit. Stay on the Ford Road Service Drive to Hubbard Drive and turn right. Follow Hubbard Drive and turn right into the Southern entrance of the UMDearborn/Fairlane Center.

What Building & Where to Park

At the entrance, the marquis will be: The University of Michigan-Dearborn/Fairlane Center. Follow the entrance road to the back and turn left at the stop sign; the North Building will be located on your left hand side. Parking is directly across from the North Building



GERHARDT ENDOWMENT

Through the generosity of Dr. Philipp Gerhardt and his wife Vera, the Michigan Branch provides substantial support for student research and travel. The Gerhardt Endowment is used to enhance the microbiology research training of undergraduate and early stage graduate students in Michigan.

The Endowment funds are stipulated for: 1) Research Excellence Awards: awarded to students who demonstrate exemplary accomplishment in experimental design and results that are reported as a poster or an oral presentation at a MI-ASM meeting. 2) Travel Awards: granted to students to supplement other financial resources for travel so as to allow the awardees to attend an appropriate microbiology-related scientific meeting, or to obtain special microbiology-related research training.

The application procedure, amount and availability of the awards is published on the **MI-ASM website (MI-ASM.org)** and distributed to Michigan educational institutions offering microbiology-related programs.

POSTER PRESENTATION GUIDELINES

The Michigan ASM encourages undergraduate and graduate students, faculty and other professional microbiologists to present posters at our Fall and Spring meetings. **Students who present a poster do not pay the conference registration fee and they receive a one-year free membership in MI-ASM. STUDENT ENTRIES will be judged and the winner of the "Best Student Poster" will receive a framed certificate, a copy of Dr. Philipp Gerhardt's classic text, and a free membership to the National ASM.** To present a research poster at this MI-ASM conference:

- Submit your abstract by email to gortonr@lcc.edu. All information should be **in the body of the e-mail message and not as an attached file**. You will receive electronic confirmation that your information arrived safely! Your abstract will automatically be forwarded to the Conference Organizer, Dr. Sonia M. Tiquia (UM-D).
- Abstracts submitted after **October 1** may not be posted on the "mi-asm.org" website prior to the conference but will be posted as part of the on-line post-conference summary.
- Include your name, college or university you attend, department affiliation, the full title of your poster, and a brief (200 words) abstract of its content. Type the title first then list the authors (all capital letters; use an asterisk to denote the person delivering the poster), then list institutions and short addresses. You may include e-mail addresses if you wish.
- Abbreviations that are generally understood are acceptable. Italicize scientific names and all appropriate genetic terminology.
- If you presented your poster at an ASM National Meeting or at another conference, please note that in your abstract submission.
- **If you have specific questions regarding posters, please contact Dr. Sonia M. Tiquia (smtiquia@umd.umich.edu).**

MICHIGAN BRANCH/ASM CORPORATE PARTNERS

We thank all of our **Corporate Partners** for providing financial support for the Michigan ASM Branch.

A Special "Thank You" to Pfizer Global R&D for its consistent and substantial level of contribution.

Members are encouraged to support our Corporate Partners.

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Please visit <http://mi-asm.org/> for further information on our corporate partners.

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