



**AMERICAN INSTITUTE OF  
CHEMICAL ENGINEERS** ...Serving Chemical Engineers Who Serve the World

## *Mid-Michigan Section Newsletter*

**Mid-Michigan Section Mission: To provide opportunities to continuously develop our members professionally while working with the community to provide a positive view of science and engineering.**

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### *Congratulations...*

Congratulations to **Daniel Kaczynski**, winner of the 2004 Mid-Michigan AIChE Four-Year College Scholarship, and **Corrine Junga** and **Hanna Miller**, recipients of the 2004 Mid-Michigan MTUSYP Scholarship. See page 6 for more details.

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## *Words from the Chair...*

Wow! It's hard to believe that another year has flown by and summer is right around the corner. With the changing of the seasons, AIChE will also be closing another year of programs with our final banquet on Wednesday, June 9. Deb Bergstrom from Dendritic Nanotechnologies will be addressing the group. See page 3 for additional information.

As the year closes, it seems to be a fitting time to reflect on our mission statement and goals.

**Mid-Michigan AIChE Section Mission Statement:** The mission of the Mid-Michigan AIChE Section is to provide opportunities to continuously develop our members professionally while working with the community to provide a positive view of science and engineering.

### **Mid-Michigan AIChE Section Goals**

1. Ensure a self-perpetuating AIChE college scholarship fund (additional \$30,000 needed) by year-end 2010.
2. Develop a new primary fundraiser to ensure viability of the section by year-end 2004.
3. Increase membership attendance at programs 10% by 2005.

As our mission states, we strive to provide quality programs for our members to give you opportunities to continuously develop professionally. Your feedback this year has had significant impact in shaping those programs as well as our outline for next year. From current interest topics such as Title IV and dioxin to personal finance, we have covered a wide array of topics thanks to your suggestions. Another request we heard often was for plant tours. Although we were not able to arrange any for this year, we are in the planning stages to visit Monitor Sugar in the fall, so watch your e-mail and the newsletter for updates on that activity.

Lunch meetings have been popular as well as our family activities such as the Delta planetarium viewing of Saturn: Ring World held in May and the "Engineers in the Classroom" program. We intend to continue this balance of activities with our dinner meetings to give everyone an opportunity to participate in the timeframe and situation that best suits them in order to meet our program attendance goal.

Mike Durisin and Dennis Phillips pursued grants this year to assist with the perpetuity of the AIChE scholarship fund as listed in our first goal and to assist with our educational outreach activities. The grants are described in greater detail inside the newsletter.

As we move into next year, Mike Molnar will be leading efforts to develop a fundraiser that will ensure our section's financial viability. If you have interest in this area, Mike would gladly welcome the addition to his committee.

Finally, thank you to the dedication of all of our officers and volunteers. I certainly appreciate all of your time especially in light of the many other activities in which you all participate. You're great! Thanks for making this year a success!

*Tami Heilman-Adam*

Mid-Michigan AIChE Section Chair

## Announcing the End of the Year Awards Banquet...

*The Mid-Michigan Chapter of the American Institute of Chemical Engineers*  
*End of the Year Awards Banquet*  
*Wednesday, June 9<sup>th</sup>, 2004*  
**Ashman Court Hotel, Midland, MI**

Speaker: Dr Debora F. Bergstrom, Vice President, Operations, Dendritic NanoTechnologies Inc

Title: Starting Over, Starting Up

Facing the prospect of job loss, unemployment and starting over in a new company, business or industry can be daunting. Amidst the downsizing, layoffs, and economic downturns, there is also a lot of buzz around words like biotech, nanotech, technology disruptions and new economic growth. Are these real or hype? How does one make the transition from the larger company to these exciting new areas of development? This talk comments briefly on broader trends in industry

Bio: Dr. Bergstrom was formally trained as an inorganic chemist, receiving her Ph.D. from University of Michigan in 1988. In her early years she worked for a few small companies in the areas of enzyme extraction and energy research. She spent 13 years at Dow Corning where her last role involved leadership of a team in assessment of nanotechnology for emerging businesses in photonics, biomaterials, energy, coatings and thermoplastics. In 2002 she made the jump to a small entrepreneurial start up firm in nano-biotechnology materials, Dendritic NanoTechnologies, Inc., initially as a manager of technology development and commercialization and more recently as vice president of operations.

Dendritech, Inc. is a privately held company that was established in 1992. Dendritech is licensed by The Dow Chemical Company to manufacture and sell ethylenediamine-core poly (amidoamine) [PAMAM] dendrimers and other specialty dendrimers.  
<http://www.dendritech.com/index.html>.

Date: Wednesday, June 9<sup>th</sup>, 2004

Time: 5:30 - 6:00 PM: Cocktails, Social  
6:00 - 7:00 PM: Dinner  
7:00 - 7:45 PM: Keynote Address by Dr. Bergstrom  
7:45 - 9:00 PM: Awards Program

Cost: \$15 \*\*\*Please bring a check made out to **“The Ashman Court Hotel”** with you to dinner on June 9<sup>th</sup>. Committee members and program volunteers will eat for free – please indicate this when you RSVP\*\*\*

Menu: Chicken Parmesan served on a bed of pasta. \*\*\*If you do not want Chicken Parmesan, Vegetarian Lasagna is available. You must tell us your preference when you RSVP.\*\*\*

RSVP: Please respond to Tami Heilman at: [tami.heilman@dowcorning.com](mailto:tami.heilman@dowcorning.com), by **5:00 on Thursday, June 3**. \*\*\*Please Note: If you cancel your reservation after the RSVP date, you will still be charged the full price of the meal\*\*\*

## Volunteers Conduct Classroom Demonstrations

*Contributed by Verna Talcott, Education Outreach Chair*

The Mid-Michigan Sections of the American Institute of Chemical Engineers (AIChE) and Society of Plastic Engineers (SPE) worked collaboratively to promote an interest in science and technology. The two societies provided training and resource materials in January for their members to conduct classroom demonstrations in local area schools. After training, the members visited students in Midland and Saginaw counties where students (in the 1<sup>st</sup>–12<sup>th</sup> grades) performed experiments to learn more about the physical properties of concrete and polymers. In addition, students learned about energy/mass conservation through a dryer experiment, heat transfer and heat exchange, and how engineering is used to protect eyes and skin from harmful UV rays. The [industrial drying experiment](#) (seen at right) was created through the use of a National grant to the Mid-Michigan Section of the AIChE.



**Michael Molnar demonstrates an experiment on industrial drying.**



**Verna Talcott educates would-be volunteers on the details of an UV-experiment created for SciFest 2004.**

Mid-Michigan AIChE and SPE volunteers have visited more than 780 students, and the two societies are anticipating more students will see classroom demonstrations by the end of the school year. This year was the first year a Midland Home School Group was able to participate in experiments demonstrated by Mid-Michigan AIChE volunteers.

Mid-Michigan AIChE and SPE sections would like to thank the following volunteers who participated in the training session and have visited classrooms or plan to visit classrooms by the end of the school year. Those designated with a \* have already visited classrooms:

**Paul Adam\*, Steve Arthur\*, Debbie Barger\*, Alan Becker, Craig Buck\*, Bill Burk\*, Whitney Connor, Richard Cope, Laura Dietsche\*, Mike Durisin\*, Pamela Foster, Harry Fowler\*, Matt Gessford, Robin Goodson\*, Dean Hadley\*, EJ Hurst, Tami Heilman-Adam\*, Nancy Hermanson\*, Bret Horgen\*, Steven Holty\*, Bedar Islam, Valiant Jones, Norm Kanar, Nick Kraemer\*, Rebecca Lanning\*, Steve Maksymiuk, Megan McHenry, Cathy Menning, Bill Moneypenny, Steve Najmy, Kevin Nichols\*, Dennis Phillips\*, Sarah Ratcliff, Brian Robert, Ed Scott, Karen Schweitzer\*, Monique Simmons, Vivian Skaug, Greg Stewart\*, Verna Talcott\*, Dave Talcott\*, Frank Voet, Tracy Voet, Tom Wessel\*, Pat Weyburne, Jim Yanacek, Dave Zietlow**

Based on past experience and recent feedback, students, teachers, and volunteers alike have had a good time during the classroom visits and have all learned something new. Thanks to all of the wonderful volunteers for taking the time to demonstrate experiments to students located in area schools. Your participation makes a difference. Some of the students who have seen the experiments and have had the opportunity to talk with you may decide to go into engineering. You have at least planted a seed for students to consider a career in science and technology.



**Steven Holty explains the popular concrete experiment.**

## Mid-Michigan Section Grateful for Donations

*Contributed by Mike Durisin, Past-Chairperson, and Dennis Phillips, Dow Corning Director*

*Editor's note: Mike Durisin and Dennis Phillips have worked hard this year to seek out donations for the Mid-Michigan Section. The entire Executive Committee is greatly appreciative of their hard work and dedication.*

The Mid-Michigan Section has recently received two donations, and we gratefully thank the donor organizations.

The **Dow Corning Corporation's Science and Technology** department donated \$2000 to support our education outreach program. **Jack Maddox**, Director of Process Engineering, approved the donation. The section plans to use this money to develop new experiments that volunteers can demonstrate to students in local schools. It's important to keep developing our repertoire of experiments so that we can offer a variety of choices appropriate for various age groups and so that we can keep up with changing technology.

**The Dow Chemical Company Foundation** donated \$2000 to support our Michigan Technological University (MTU) summer program scholarships and our program to supply outlying middle schools with science supplies.

MTU's one-week summer programs provide students in middle and high school exposure to a variety of subjects in science, engineering, and the arts. Our section screens applications from local students and awards scholarships—two this year—to attend programs in science or engineering; we also include a small stipend to help pay for traveling expenses. In a related story, this year's scholarship winners have just been announced on page 6.

The section's school supplies program invites applications from science teachers in middle schools near Midland to fund the purchase of supplies that they can't get otherwise. A section committee reviews the applications and awards money based on their quality.

All of these programs are part of our section's mission to interest students in technology careers with the goal of creating a technologically capable workforce.

## Advertise in the Mid-Michigan Section Newsletter

The Mid-Michigan Section would like to assess interest for advertising in our newsletter. Our section distributes about three electronic newsletters a year to a membership list of 300-400 chemical engineers in the Mid-Michigan area. Quarter, half, or full page advertisements would be accepted, with competitive rates to be determined. The monies generated from these advertisements will help our section finance member educational opportunities and college scholarships sponsored by our section. Please direct inquiries to newsletter editor Eric Stangland (989-636-0517, [eestangland@dow.com](mailto:eestangland@dow.com)). Our next newsletter would be scheduled for the August-September 2004 time frame.

## Mid-Michigan Section Announces 2004 Scholarship Winners

### Mid-Michigan Four-Year AIChE Scholarship

*Contributed by Dave Tascarella, AIChE Scholarship Committee Chair*

The AIChE Scholarship committee (**Verna Talcott**, **Lisa Frank**, **Erin Lacher**, and **Dave Tascarella**) is pleased to announce the winner of the 2004 Scholarship, **Daniel Kaczynski**, from Auburn. Daniel was the strongest of five applicants, as shown by a solid GPA (3.885), class rank (21/306), and very good ACT scores. Additionally, Daniel is involved in numerous after-school activities, has taken Calc II at Delta College, and is employed by The Dow Chemical Company where he has spoken to various ChEs to get differing perspectives on the profession. Daniel's essay portrayed a good understanding of the diversity in the field of chemical engineering and demonstrated a strong likelihood to succeed. Daniel plans to attend Michigan Tech in the fall.

The Mid-Michigan Four-Year AIChE Scholarship consists of \$2000 awarded over four years to a graduating high school senior who plans to study chemical engineering at an accredited university or college. The scholarship will reward past academic performance as well as school and community involvement; it is not strictly based on financial need. It is intended for a student who has demonstrated a high proficiency in core academic courses and who has a high probability of success at obtaining a chemical engineering degree.

### Mid-Michigan MTUSYP Scholarship

*Contributed by Erin Lacher MTUSYP Scholarship Committee Co-Chair*

Committee co-chairs **Erik Ohare** and **Erin Lacher** are pleased to announce the recipients of the MTU Summer Youth Program Scholarship for 2004: **Corrine Junga** and **Hanna Miller**. These two winners were chosen from ten applicants based on their widespread involvement in activities, relative interest in the fields of science and engineering, and strength and creativity of their essays.

Corrine is a student at Midland Christian School. She is involved in many activities, including Student Council, 4-H, piano, dance, basketball, volleyball, church youth group, and extensive community outreach work. She is interested in engineering and plans to attend the General Engineering session at MTU in order to develop a better understanding of the different engineering disciplines.

Hanna is a student at Dow High School. Her activity involvement includes soccer, dance, marching band, concert band, and Key Club, through which she volunteers extensively in the community. Her love of the outdoors led her to choose the Microbiology session at MTU in order further explore this discipline as a potential future career option.

Erin and Erik would also like to thank the members of their committee (**Megan McHenry**, **Norm Lake**, and **Dennis Phillips**) for their help in the difficult selection process this year.

The Summer Youth Program is a one-week program at the MTU campus, which gives students an opportunity to explore careers and develop skills. The students will participate in laboratory, classroom and field experiences in a selected career area. This scholarship covers sessions in various disciplines of engineering, science, and computers. For details of the SYP, please visit their website at <http://youthprograms.mtu.edu>. This scholarship is specific to the Summer Youth Program and is limited to explorations in engineering, science, math, and computers. The scholarship covers room, board, tuition, and a \$100 travel allotment.

## AIChE Family Night Held at Delta College Planetarium

The Mid-Michigan Chapter of the American Institute of Chemical Engineers held its annual family night at the Delta College Planetarium and Learning Center in Bay City on Thursday, May 13. The annual event has traditionally been free to AIChE members. The topic was the planet Saturn: Ring World, in a NASA-produced show narrated by John Billingsley of *Star Trek - Enterprise!* The documentary focused on the upcoming visit of the NASA space probe Cassini-Huygens, due to reach the ringed planet in the summer of 2004. The spacecraft will orbit Saturn, studying its rings and moons and will even drop a probe into the cloudy atmosphere of its largest moon Titan. The event was attended by 56 adults and children, who were treated to a night of education and star-watching. Look for this event again next year! More information on the Delta College planetarium can be found at <http://www.delta.edu/planet/>.



The Delta College Planetarium and Learning Center located at in Bay City Michigan.



## Officer Volunteers Needed—How About You?

The Mid-Michigan Section of the AIChE is always in need of volunteers, and the upcoming 2004–2005 program year is no exception. Service does not have to begin on the Executive Committee, but perhaps with service on one of our various committees that administer community scholarships and school donations. Please see page 6 for an example of their activities.

AIChE



For those who wish to become officers of the organization note that all section officers attend the monthly Executive Committee meeting currently held over lunch every third Thursday of the month. The meetings are one of the most important and regular opportunities to discuss business face-to-face. The Executive Committee and related service committees are excellent opportunities to network with other engineers in the local area and to give back to the community.

This section's Web site at <http://www.mmaiche.org> lists current officers and their positions. Feel free to contact anybody on the list to discuss his or her job, or discuss other service opportunities.

## University of Michigan Announces Reaction Engineering Course

### Reaction Engineering and Applied Catalysis Continuing Education Course July 14-16, 2004

University of Michigan  
Department of Chemical Engineering  
Ann Arbor, MI 48109-2136  
E-Mail for Course: [react@umich.edu](mailto:react@umich.edu)



This course will be held in Ann Arbor on The University of Michigan's [North Campus](#). Ann Arbor is a 30-minute drive from the Detroit Metro Airport. [Map of Ann Arbor and route to Ann Arbor from Detroit Metro Airport](#)

#### OVERVIEW

Chemical reactions occur in a variety of different systems and are essential in a number of technological areas including the automotive industry, the chemical and petroleum industries, fuel cell and fuel processing industries, and environmental engineering. The goal of this course is to provide a background in the practical aspects of kinetics, catalysis, and reaction engineering. The fundamentals of catalysis and transport will be applied in the analysis and design of reacting systems.

#### BENEFITS

- Update your knowledge in applied kinetics, catalysis, and reactor design and analysis
- Apply techniques for modeling chemically reacting systems
- Learn how to design experiments, select reactors and analytical methods, and apply statistics in reaction engineering and catalysis research.
- Familiarize participants with developments in key technical areas including fuel cell and fuel processing catalysis.

#### CONTENT

- Applied Chemical Kinetics
- Catalysis
- Reactor Analysis and Design
- Transport in Reacting Systems
- Experimental Methods in Kinetics and Catalysis
- Selected Case Studies (from previous courses)

#### INSTRUCTORS

[Phillip E. Savage](#), Ph.D., P.E.  
Professor of Chemical Engineering  
The University of Michigan  
phone (734) 764-3386  
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[psavage@umich.edu](mailto:psavage@umich.edu)

[Levi T. Thompson](#), Ph.D.  
Professor of Chemical Engineering, Associate Dean  
College of Engineering  
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[ltt@umich.edu](mailto:ltt@umich.edu)

For more information, please browse  
<http://www.engin.umich.edu/dept/cheme/events/shortcrse/shortcourse.html>.



## A Note from National AIChE President William Beyers

*Editors Note: This is a note electronically circulated in early April 2004 by National AIChE President Williams. This is the most recent note by the AIChE President to come out since the last Mid-Michigan newsletter and contains some dated material.*

Dear Colleagues,

Spring is finally here, and I'm energized by the growth and vitality I see in AIChE. It's my pleasure to continue my predecessor Dianne Dorland's commitment to open communication and share with you some news about AIChE's most recent developments.

Let me begin by announcing that we have subleased 75% of our office space to the New York State Society of Certified Public Accountants. Long term, this arrangement will save AIChE over \$1 million a year. It is a critical element in our plan to reduce costs and achieve a balanced budget.

I am also happy to share with you news of a strategic partnership with the American Chemical Society (ACS). After a year of discussions between working groups from our respective boards, AIChE and ACS have agreed to pursue cooperative programs in areas of mutual interest. This will not be a merger. Our boards and councils will remain separate and autonomous. However, by working together in some key areas, we can make a greater difference to our members and to the chemical enterprise at large. Areas of synergy include: government relations, sustainability, green chemistry, biological engineering, chemical safety and health, and meeting programming. Moving forward, career development, K-12 outreach, and minority and women's issues provide fertile ground for collaboration.

I invite you to attend an open forum with the AIChE Board at the Spring National Meeting to discuss plans for AIChE-ACS cooperative programs and additional benefits to members. This session, held Sunday, April 25, 4:30-5:30 pm, at the New Orleans Hyatt Regency, Esplanade B, will include time for open discussion, questions, and comments. For more details, see <http://www.aiche.org/new>.

Under the heading of 'new business,' AIChE and ASME (the American Society of Mechanical Engineers) have formed a partnership to deliver the Institute's continuing education courses. Starting in August, ASME will present AIChE's professional training in conjunction with its own education offerings. AIChE members will now enjoy discounted access to a greatly expanded portfolio of courses at a more extensive network of training sites. While we will continue to guide content, assuring that it meets the needs of chemical engineers, ASME will integrate the costs for marketing, logistics, and administration of the programs, significantly improving the financial performance of our training activities.

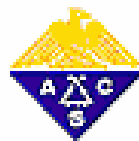
Thanks to the work of our volunteer leaders and your continued support, AIChE is entering a new season of growth. Together, we're building an AIChE that is vital, focused and essential to you, your professional development, and to the needs of chemical engineering professionals around the world.

Sincerely,

William D. Byers  
AIChE President

## AIChE and ACS Announce Partnership

*Editor's note: This article was taken directly from the National AIChE website at <http://www.aiche.org/new/AIChEACSletter.htm>. This partnership was detailed in an open letter by President William Beyers. That letter can be found on page 9 of this newsletter. More information can be found at <http://www.aiche.org/new/AIChEACSpartnership.htm>.*

The logo for the American Institute of Chemical Engineers (AIChE), featuring the letters "AIChE" in a bold, blue, sans-serif font with a registered trademark symbol.

The American Chemical Society (ACS) and the American Institute of Chemical Engineers (AIChE) have agreed to pursue a number of cooperative programs and activities in areas which will more effectively serve the needs of our members and the chemical enterprise, while enhancing both organizations' abilities to achieve our missions. This position was reached after a year of discussions involving working groups from our boards of directors.

The working groups have identified the areas where cooperative programs could be implemented readily. These include government relations; efforts in areas of mutual interest, such as sustainability, green chemistry, biological engineering, separations science, catalysis, and chemical safety and health; and meeting programming. Additionally, we will explore collaboration on career services, K-12 outreach, and minority and women's issues.

Going forward, ACS-AIChE working groups will explore a membership alliance that could include expanded opportunities for members to participate more fully in both organizations. In any new collaborative efforts, the boards of ACS and AIChE will remain autonomous. We are currently seeking input from our members on additional areas for cooperation.

This new partnership between ACS and AIChE mirrors the reality that chemists and chemical engineers interact closely in our workplaces, and will do so even more closely in the future. Working together will strengthen the value that both organizations bring to our members and the industries we serve. In this era of rapid innovation and globalization, we can accomplish so much more by working together to advance science and technology, enhance the careers of scientists and engineers, and provide benefits to society.

We welcome this close relationship and look forward to further exploring opportunities for our Societies to cooperate.

James D. Burke, Chair  
American Chemical Society

William D. Byers, President  
American Institute of Chemical Engineers

## 2004 Annual Meeting Proceedings Now Available

*Editors Note: These are the conference proceedings from the 2003 Annual Meeting, held in November. Proceedings from the 2003 Spring Meeting should be available shortly. Information on Spring Meeting proceedings should be available in the first Mid-Michigan Section newsletter of the 2004-2005 program year.*



As you know, the largest and most comprehensive Annual Meeting in the AIChE's history took place in November 2003, in San Francisco. For the first time ever, the Proceedings of our Annual Meeting are available to you on a convenient, compact CD-ROM.

This indispensable reference tool should be on the desk of every engineering academic and researcher/scientist (and in every academic library seeking a complete chemical engineering collection). This CD-ROM contains all properly submitted papers from 18 Topical Conferences plus non-topical/unaligned sessions, totaling over 1,000 papers. The CD is searchable by topical conference, unaligned papers, and key words and phrases.

Conference sessions covered everything from the latest advances in fundamentals to new ideas in emerging disciplines such as genomics, bioinformatics and nano/molecular engineering. Annual Meeting attendees learned about the newest developments from renowned engineers, scientists and R&D professionals - and now you can have this wealth of information at your fingertips in a handy CD-ROM format.

As an AIChE member, you can purchase this "must-have" CD-ROM for just \$99 including shipping. (There is an additional \$5 handling charge for international shipments.) Limited quantities are available, so we encourage you to place your order promptly. Ordering online is fast and convenient. [Place CD Order now.](#)

AIChE's 2003 Annual Meeting Conference Proceedings are brought to you on CD-ROM by [Omnipress](#), national leaders in producing conference materials in print, on CD-ROM and online. Although you should find the CD-ROM very simple to use, Omnipress backs up their products with general support when needed (UNIX® technical support is available from Adobe at 1-800-685-3652).

[Minimum system requirements](#) for CD-ROM use are provided at this link. If you wish to review the list of 18 Topical Conferences and the number of papers included for each one, [click here](#).



Whether you are working in academia or industry, information exchange with other professionals is key to your success. Get the best and latest thinking on AIChE's CD-ROM of 2003 Annual Meeting Conference Proceedings. We're confident that you will be turning to this reference again and again for insights and new perspectives.

[Place CD Order now](#) online or by telephone at 800-482-4788 or 608-246-2600.

*Editor's note: Jonathan Moore of The Dow Chemical Company, provided a [summary](#) of the 2003 Annual Meeting for the January 2004 Newsletter of the Mid-Michigan Section.*

## Expanded Career Services for AIChE members and Local Sections

*Editor's Note: The following career services were highlighted for the first time in the October Local Sections Newsletter, and have been highlighted in previous Mid-Michigan newsletters. However, in today's turbulent local environment, they remain relevant information.*



There are no career and employment guarantees these days. Everyone needs to be prepared for what the future may bring. [ExecuPlanet's CareerTools®](#), an online suite of career products, may be of interest to many members. Through a partnership with Lee Hecht Harrison/ExecuPlanet, AIChE members can access a full array of career development and job search activities and tools. And access is free to members.

Members who are looking for job search assistance, strategies for career advancement, or tips for maintaining employability will be pleased by what they find at CareerTools. You can post a question to "Ask a Coach" and get an answer from a Lee Hecht Harrison professional. Or you can learn and contribute by participating in an online discussion group. If personalized career coaching is what you want, it, too, is available at a substantial discount to members. [Visit ExecuPlanet](#). Set up a personal and confidential account; **the group password is aiche2003**. Career Services Hotline: 1-800-803-3446.



In addition, take the monster out of your job search at [AIChE's CareerEngineer](#).

Member comments and questions about this new benefit are welcome. Please contact [careerservices@aiche.org](mailto:careerservices@aiche.org).

### New Members Only Online Community



Here's your professional connection in cyberspace to exchange ideas and information, access networking possibilities and jump-start or build your career. AIChE Online Community (OLC) offers the FREE services outlined below and is exclusive to AIChE members only. It's your direct link to other members and member resources.

#### Your AIChE Online Community provides:

- An up-to-date, searchable, online member directory
- Career Center, containing our job search manual, salary information, etc.

Register for the [members-only online community](#) and start taking advantage of this free member benefit now!

## American Institute of Chemical Engineers Mid-Michigan Section 2003–2004 Officers and Committee Chairpeople

Position	Name	Address	Internal E-mail (within company) Internet E-mail	Phone	Fax
Chairperson	Tami Heilman	Dow Corning Corp. Mail# 128 Midland, MI 48686-0995	TRHEILMA <a href="mailto:tami.heilman@dowcorning.com">tami.heilman@dowcorning.com</a>	496-8771	496-6243
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Treasurer	Mark Riddle	Dow Chemical Co. 684 Bldg. Midland, MI 48674-1702	Riddle, Mark (MS) <a href="mailto:msriddle@dow.com">msriddle@dow.com</a>	638-2252	636-5121
Secretary	Kip Mercure	Dow Chemical Co. 1702 Building Midland, MI 48674-1776	Mercure, Kip (PK) <a href="mailto:pkmercure@dow.com">pkmercure@dow.com</a>	636-0546	636-4019
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Director- at-Large	Norm Lake		<a href="mailto:thelakes@juno.com">thelakes@juno.com</a>		
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Section Historian	To be determined				

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