The first quarter of the year has indeed been event-filled. We have already done four "Bringing Science to Life in the Classroom" programs, done Saturday and evening programs, had a successful Education Day with the Saginaw Spirit, and visited at least two schools. (See also "On the Road with Outreach" on page 4.)

We have attempted to engage potential new members, begun Handbook revisions AND we have engaged some new volunteers! We have many more events planned, however, and encourage your support and involvement.

Senator Carl Levin is our keynote speaker at the Tech-knowledge-y 2012 event on April 14 at Delta College (see article on page 5). This is a career-oriented event—but not a typical job fair—offering a panel discussion about STEM careers, along with job skill-related workshops, and mentoring opportunities. This event is possible through an ACS grant of $1000 and the generosity of Delta College, our co-sponsor.

Earth Day is April 21. This year we have a “recycling theme”; many activities and exhibits—and opportunities to recycle—are offered! The Awards Banquet is May 3 at the Great Hall (see below). The Turner-Alfrey visiting professor series will also begin soon (details to come).

You should be very proud of our Section’s work so far in 2012. Please join us as a participant or planner and we hope you get a chance to see your dues at work!

Sources and other links:
- "On the Road with Outreach" on page 8
- Calendar for April/May
- https://www.midlandacs.org
- https://www.drpetecomedy.com

Comedian Chemist Ludovice to Speak at Awards Banquet

It is that time of year again when we have the opportunity to recognize outstanding educators, volunteers and colleagues. I am asking that you take the time and nominate that outstanding person to be recognized at the American Chemical Society-Midland Section Awards Banquet which will be held on May 3 at the Great Hall and Convention Center in Midland.

This promises to be an exciting event as we have slated ACS speaker Dr. Peter Ludovice, Associate Professor in the School of Chemical and Bio-molecular Engineering at Georgia Institute of Technology (www.drpetecomedy.com). Dr. Ludovice will present Lab Coats & Other Fashion Statements: The Lighter Side of the Chemical Sciences.

ACS Spring Awards Banquet
Featuring Dr. Pete Ludovice:
Lab Coats & Other Fashion Statements: The Lighter Side of the Chemical Sciences
May 3, 2012
Program begins at 6 pm
Great Hall and Convention Center
RSVP by April 24 to Diana Deese
awards@midlandacs.org
Tickets $13 / person
(awardees attend free)

The awards banquet is a great way to connect with others in the industry, those who have gone before us, those who teach the next generation, and those who will be following in our footsteps. For those of you sequestered in labs who feel you might not be able to attend unless you nominate someone, I say save the date and come on out for a night of food, fun, and fraternization!

The process of nominating can be fun and easy, not to mention the warm 'fuzzy' you get. Consider getting your colleagues together for lunch and putting together a packet. If you are in a managerial role and are worried about favoritism, consider nominating 2-3 qualified persons (you will remain anonymous). If you feel you deserve an award but everyone is just too busy to notice, consider leaving suggestions or have an outright discussion with your manager. If you are a parent: Does your child have a great science teacher? If so, consider nomi-
Nominations for the 2012 awards are invited for the following areas:

Outstanding Achievement in Elementary Level Science Teaching
Outstanding Achievement in Middle Level Science Teaching
Outstanding Achievement in High School Chemistry Teaching
Outstanding Achievement in College Chemistry Teaching
Science Education Volunteer of the Year
Outstanding Achievement and Promotion of the Chemical Sciences
Outstanding Service to the American Chemical Society
Outstanding Chemical Technician
Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences & Engineering
Outstanding High School/College Chemistry Students
Outstanding Achievement in Teaching Awards

Candidates for the teaching awards must be educators at schools in the five-county geographical area of the Midland Section: Bay, Gratiot, Isabella, Midland and Saginaw Counties. One candidate will be recognized for their teaching contributions in each of the following categories: Elementary, Middle Level, High School, and College.

Science Education Volunteer of the Year
The Science Education Volunteer of the Year award is presented to an individual who makes a substantial contribution to science learning in the Midland Section through voluntary efforts.

Outstanding Achievement and Promotion of the Chemical Sciences
Each year the Midland Section honors an individual residing within the Section’s geographical area who has demonstrated outstanding achievement and promotion of the chemical sciences. This award recognizes dedication and service to the chemical profession, but the recipient need not be an ACS member.

Outstanding Service to the American Chemical Society
The Section sponsors an annual award to recognize outstanding service to the Midland Section of the ACS. This award recognizes achievement in the promotion of the goals and objectives of the Society. Nominees shall be members of the Midland Section. Nominations should include a history of service to the Midland Section, and supporting letters from fellow ACS members.

Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences & Engineering
This award is presented biannually to a person or group residing in Midland, Bay, Saginaw, Isabella or Gratiot County for outstanding achievement in enhancing the participation of underrepresented groups in the study of chemistry, related sciences and engineering. Members of the Midland Section Minority Affairs Committee are ineligible to receive this award.

Outstanding Chemical Technician
The Section presents an annual Outstanding Chemical Technician Award to an individual who has demonstrated an extremely high degree of professionalism as a chemical technician. Nominees must have worked for five years as a chemical technician or related field and whose primary job includes conducting experimentation or correlating information to help solve chemical problems or discover new chemical knowledge.

Nominee must have successfully completed a two-year post-high school level chemistry curriculum leading to an Associate Degree, the equivalent coursework in a Baccalaureate Program, or equivalent experience. Chemical technicians do not need to be an ACS member to be eligible for this award. Nominations should include outside affiliations. Request the National ACS nomination form from the awards chair to nominate in this category.

Outstanding Chemistry Students
The Awards Committee also recognizes outstanding chemistry students at the high school and collegiate levels. Those students should be selected by the respective departments and their names forwarded to the Awards Committee.

Award recipients as well as Chemistry Olympiad winners and Fifty/Sixty Year ACS Members will be honored at the ACS Recognition Dinner, featuring ACS speaker/comedian Dr. Peter Ludovice, on May 3, 2012 at the Great Hall in the Valley Plaza, Midland.

The Awards Committee greatly appreciates the efforts involved in nominating someone and wishes to thank you for helping to recognize deserving educators in our Section.
(Continued from page 2)
Please pass this information along to anyone involved in our local science programs!
A list of previous years’ award winners follows. For example nominations or more detail on any award, please contact Awards Chair, Diana Deese, by phone (989) 842-5367 or email at awards@midlandacs.org. Electronic submissions are preferred, but nominations can be sent via U.S. mail to:
ACS Awards Committee
c/o Steve Keinath
Michigan Molecular Institute
1910 West St. Andrews Road
Midland, MI 48640

Elementary Level Science Education
1992 Karen Ziemelis
1993 Lela Wade
1994 Constance A. Dullock
1995 Joan Klopic
1996 Mark Hackbarth
1997 Denise Koppleberger
    Cheryl Ruthig
1998 Barbara McGivern
1999 John Clark
2000 Sue Burch
    Robin Harshman-Rogers
    Vicki Richard
    Clare Jorgensen
2001 Cathy Egerer
    Amy Hindbaugh-Marr
2002 Maureen Becker
2003 Leon Katzinger
2004 Joan Roels
2005 Curt Moses
2006 Robin Allen
2007 Diane Huckins
2008 Rachel Pappas
2009 No Recipient
2010 No Recipient
2011 Beth Quimby

Middle Level Science Education
1992 Derrell Steffen
1993 Laurie Hepinstall
1994 JoAnn Krut
1995 No Recipient
1996 Barbara J. Bibbee
1997 Gary J. Johnson
1998 No Recipient
1999 No Recipient
2000 No Recipient
2001 No Recipient
2002 Joel Mikusko
2003 No Recipient
2004 Christine Brillhart
2005 No Recipient
2006 Matthew Miller
2007 John Hoving
2008 Mark Koschmann
2009 Carla Piazza
2010 Melinda Coyle
2011 Jennifer Lenon

High School Chemistry Teaching
1989 Robert Wallace
1990 Gary Ronk
1991 No Recipient
1992 John Clark
    Edna Konwinski
1993 Mary Irons
1994 Jo Ann Pelkki
1995 No Recipient
1996 Sandra Schafer
1997 Mary Fredell
1998 Dale Ressler
1999 Robert Enszer
2000 Steven Kelly
2001 William Stokes
2002 Robert Hansen
2003 No Recipient
2004 Doug Grezeszak
2005 Pamela Thompson
2006 Daniel Sealy
2007 No Recipient
2008 No Recipient
2009 Nancy Vossen
2010 Sandra Schafer
2011 David Allan

College Chemistry Teaching
1989 Joan Sabourin
1990 Bob Howell
1991 Robert Kohrman
1992 Scott Hill
1993 Ajit Sharma
1994 Laura Vosejpka
1995 George Eastland
1996 Martin Spartz
1997 Philip Squatrito
1998 Thomas Delia
1999 Steven Keinath
2000 James Hutchison
2001 Sandra Smith
2002 Margaret Hill
2003 Dale Meier
2004 Katherine Blystone
2005 Ronald Sharp
2006 Arthur G. Smith
2007 Cynthia N. Peck
2008 No Recipient
2009 No Recipient
2010 Anton Jenson
2011 No Recipient

Science Education Volunteer
1992 Gregg Young
1993 Peter Bonk
1994 Peter Moehs
1995 Gretchen Kohl
1996 John Blizzard
    Richard Van Effen
1997 Marvin Tegen
1998 Carlton Beyer
1999 William Albe
2000 Karol Childs
2001 Donald Petersen
2002 Joan McMahon
2003 John Blizzard
2004 Jan Zanyk
2005 Eldon Graham
2006 Tom Chamberlin
2007 Teri Bickmore
    Cal Goeders
2008 Tim Drier
2009 Dave Stickles
2010 Lisa Thackery
2011 Charles & Barbara Roth

Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences, and Engineering (awarded every other year)
2002 George Gant
    Richard Stringfield
2004 Smallwood Holoman, Jr.
2006 Joan Sabourin
2008 Sandra Parker
2010 Theophilus Leapheart

Outstanding Chemical Technician
1997 Connie J. Murphy
1998 David Stickles
1999 Ronald L. Good
2000 Kurt A. Bell
2001 Gordon R. Roof
2002 Cynthia J. Gould
2003 Robert Krystosek
2004 Sherry Allen
2005 Bill Rievert
2006 Margo McIvor
2007 Debbie Bailey
2008 Sue Perz
2009 Diana Deese
2010 No Recipient-Spring Award
2011 Amy Tesolin-Gee

Outstanding Achievement and Promotion of the Chemical Sciences
1976 Dr. Turner Alfrey, Jr.
1977 Dr. Ectyl H. Blair
1978 Dr. David C. Young
1979 Dr. Vernon A. Stenger
1980 Dr. Daniel R. Stull
1981 Dr. Bob A. Howell
1982 Dr. Wendell L. Dilling
1983 Dr. Donald R. Weyenberg
1984 Dr. Edwin P. Plueddemann
1985 Dr. Raymond P. Boyer
1986 Stanley P. Kiesney
1987 Dr. Warren B. Crummett
1988 Dr. A. Lee Smith
1989 Dr. Do Ik Lee
1990 Dr. Joseph E. Dunbar
1991 Dr. Thomas H. Lane
1992 Dr. Donald A. Tomalia
1993 Dr. Dale J. Meier
1994 Dr. Philip T. Delassus
1995 Dr. Duane B. Priddy
1996 Dr. Hans G. Elias
(Continued on page 4)
Gina Malczewski, Chair / Kids & Chemistry

“On the Road” With Outreach!

Chuck and Barb Roth assisted Gina Malczewski with a “Bringing Pure Michigan Science to Life in the Classroom” presentation on March 8 at the Michigan Science Teacher Association Meeting in Lansing. We have revised our program manual; this specific presentation also included a few extra activities around water to fit the “Pure Michigan Science” theme. Response was very positive.

Joan McMahon, Sue Perz, Jeff Seifferly and Gina Malczewski represented the Midland Section at Pittcon’s Science Week in Orlando FL. Two teacher training sessions (Bringing Science to Life) were held on Saturday and Sunday (March 10 and 11) for more than 25 teachers each day; the participants ranged from elementary to college teachers and resource personnel. Over 530 students shared our “Passion for Polymers” with hands-on activities Monday through Wednesday of the following week. The students worked in groups to perform three experiments involving natural polymers (starch and protein), putty from glue, and silicones.

Students and their teachers received silicone wrist bands, silicone putty, Dow Corning books on solar energy and chemistry careers, and ACS National Chemistry Week brochures. The Pittcon organizers were also so pleased with our programs that they invited us to offer TWO separate student activities next year. We were also interviewed for an article published for the “Pittcon Today” paper.

Eva Li, Publicity Co-chair

Karmen Asch Joins Publicity Team

Amy Tesolin-Gee and Eva Li, co-chairs of the Publicity Committee of the Midland Section ACS, are pleased to announce that Karmen Asch from Dow Corning Corporation has joined the Publicity Committee by volunteering her photography skills to help capture every “Kodak moment” of our events this year. Please join us in welcoming Karmen onboard.

In the meantime, we are still recruiting additional people to be publicity team members. Enjoy doing public relations? Photography? Journalism? If so, there are many opportunities for you to help. If you are interested in finding out more, please contact us at network@midlandacs.org.

Justin Fair, Dept. of Chemistry, Indiana Univ. of Pennsylvania

Survey Seeks Chemist Input

We are conducting an academic survey and need respondents from chemical industry. And... everyone has a chance to win an Apple IPad (Generation 3)! Feel free to pass this on to anyone who is a chemist in industry. We are looking for 300–500 respondents. Participation in this study will require approximately 15 minutes of your time.

The purpose of this study is to develop the undergraduate organic curriculum to better prepare our undergraduate students for entry level industrial positions through a more integrated laboratory approach. The goals of this study are to 1) identify the most commonly used types of chemical techniques and chemical reactions used in industry today and 2) to identify general aspects of the chemical industry, from initial product identification through manufacturing, that students should be aware of prior to entering the job market.

The results of this survey will ensure that future developments in the organic chemistry curriculum satisfy current needs of industry, while at the same time, offer exposure to the core concepts that are fundamental to the chemical industrial processes.

If you are willing to participate, please visit the link below and select “I agree and give my consent for this survey” to continue on to the survey. Names provided for entrance into the Apple IPad drawing will only be used to contact the winner. No names will be used for research purposes. Thank you for your time.

Survey Link: https://iup.qualtrics.com/SE/?SID=SV_aFydYcKvntvWxG

For more information, contact: Justin Fair
Assistant Professor
Department of Chemistry
Indiana University of Pennsylvania
975 Oakland Avenue
Indiana, PA 15705
(724)-357-4477 (Office)
(724)-357-2437 (Fax)
J.Fair@iup.edu
http://www.thefairlab.com
Amy Tesolin-Gee, Publicity Co-chair

Senator Carl Levin to Speak at Tech-knowledge-y 2012

Tech-knowledge-y 2012
Saturday, April 14, 2012
10AM–2PM
Delta College, Lecture Theater
Room G-160
Parking lots G, H, and J
1961 Delta Rd.,
University Center, MI 48710
FREE ADMISSION
DOORS OPEN AT 9:45AM!

T
he Midland Section of the American Chemical Society and Delta College are pleased to offer Tech-knowledge-y 2012, a Science, Technology, Engineering and Math (STEM) career-oriented event on April 14, 2012 from 10AM–2PM at Delta College.

Anyone considering a STEM career should not miss this unique opportunity to learn about Science & Technology (S&T) career challenges, local job opportunities in the 21st century, and how to prepare for them. This event is free and open to all (keynote address and panel discussion are limited to the first 250 participants due to room size!)

Tech-knowledge-y 2012 offers something for everyone… High school students can gain insight on proceeding toward future STEM careers. College students—and mid-career adults alike—will find opportunities to hone science and technology job-hunting skills.

Adults considering career changes into science can learn how to retool and promote their skill sets. Experienced STEM-educated professionals interested in the panel discussion or serving as mentors will also find value in participating. And if you’re interested in self-employment, why not come and learn about S&T entrepreneurship?

Human Resource representatives from Dow, Dow Corning, and other companies will be present to provide information about career paths and preparation.

There will also be options for children who come with parents: special free science activities will be offered to those who pre-register, by age group (K-3rd grade, or 4th grade +). Please contact those mentioned below for further information. Pre-registration is open now through April 10, with limited seating available, so sign up now!

SCHEDULE
9:45AM—Doors Open
10:00–10:30AM—Keynote Address by Senator Carl Levin:
Why Balanced Deficit Reduction is Crucial to Technology Education
Robust science and math education is vital to American progress. Not only is it a key to our economic competitiveness, but it’s important to all of human society—only if we continue to disseminate this knowledge will future generations continue making the kinds of technological advances that have made human life longer, healthier, and more fulfilling. But science and math education, indeed education of all kinds, and all sorts of other efforts important to American society are endangered by a political reality: the need to reduce the federal budget deficit. Unless we make the proper choices, we will cut deeply into our education system—including math and science. Doing so would drastically reduce our future potential.

10:30AM–12:00 Noon—Panel discussion moderated by FM100.5/AM790 radio personality Dave Maurer, involving local business, academic, and political leaders discussing the state of careers in science and technology here in Michigan:

Dr. Tom Lane—VP of Instruction and Learning Services; Chief Academic Officer, Delta College.

Veronica Horn—State Government Relations Manager, Dow Corning.

Deb Zellner—Executive Director of the Isabella Bank Institute for Entrepreneurship, CMU.

Deborah Huntley—Dean of the College of Science, Engineering & Technology, SVSU.

Lynn Bruchhof—Vice President, MidMichigan Health.

Eileen Weiser—VP, State Board of Education; VP, Macomb Community College.

Dr. David Bem—Dow Chemical Global R&D Director.

Ryan Howell—HR Manager, Hemlock Semiconductor.

12:00–2:00PM—Training and Workshops including resume writing, computer skills, mentoring & networking, using social media for job searching, and mock interviews.

Contacts:
Gina Malczewski, 989-496-4158
gina.malczewski@dowcorning.com
Gavin Lu, 989-496-5512
g.lu@dowcorning.com

Midland Section Board

Seeking Nominations For ACS Fellows

T
he National ACS Fellows program is intended to recognize those ACS members who have provided leadership and excellence in their contributions to science, along with the enhancement of ACS programs through volunteerism. More information about this honor can be obtained online.

ACS Fellows are chosen at the National level and the Midland Section ACS can offer two nominees for consideration. However, individuals can also provide nominations. Self-nominations are acceptable for consideration by the Midland Section to be one of the Section’s two nominees, but they are not allowed for nomination directly to the National ACS (regulation N5 under Nomination Process in ACS Fellows Program Guidelines 2012, from the National ACS web site).

A detailed resume and at least one supporting letter are requested. Four Local Section members are under consideration, and we are looking for additional nominees. Please forward additional names and relevant information, or additional nomination materials to Gina Malczewski (gina.malczewski@dowcorning.com) or to any other Midland Section ACS Officer or Board member no later than 5:00 PM, Monday, April 9 (nomination packets must be submitted to National by April 23).
Eva Li, Publicity Co-chair

Art and Science of Cooking Draws Crowd

Chef Aaron Gaertner of Shari’s, along with Dow Corning scientist Gina Malczewski, made it 3 for 3—a successful third presentation of “The Art and Science of Modern Cooking!”

On the evening of February 4, 2012 at the Midland Center for the Arts, Chef Aaron demonstrated how to make better salad dressings through emulsification and tasty carbonated jam with gluten-free cookies. He also demonstrated three different ways to use ice cream base, the first two involved using dry ice with liquid nitrogen (no mixing) or liquid nitrogen alone (lots of mixing) to create different “crystal sizes” of ice cream. To everyone’s surprise, the third method created a treat that was hot at the beginning and melted as temperature dropped.

Chef Aaron coordinated with Gina to reveal the scientific mystery of cooking to the “standing room only” crowd. More than 150 people, from kindergarten to retirees, witnessed the influence of chemistry on the taste and texture of food. There were more people than anticipated and our Section would like to apologize for any inconvenience to those who could not find a seat. Chef Aaron wants to do another series, and we will make better arrangements in the future. We are also grateful for the patience of those who stayed.

We welcome any feedback on the event; please send your comments to network@midlandacs.org. If you would like notifications of future events, please follow us on Twitter @MidlandACS or our Facebook page “The Midland Section of the American Chemical Society.”

Meet ‘N Munch Introduces Section to New Hires

The lunch “recruitment” session sponsored by Midland ACS at Dow Corning was held on Feb 9, 2012 inside the DC-40 building. The promotion was targeted at Dow Corning’s recently-hired young professionals. The event was kicked-off by our Section chair, Gina Malczewski, who introduced the ACS mission, recent activities and membership eligibility.

She also delivered a supportive message from Dow Corning’s Chief Technology Officer, Gregg Zank, that joining ACS is a great way for chemists and scientists to grow professionally and to “give back.”

Our Section has also won many awards at the National level for its activities, and Lisa Thackery provided some examples of volunteer opportunities for individual leadership development. Jeff Seifferly, chair of the Mid-Michigan Technicians Group (MMTG)—a group affiliated with the Midland ACS—also talked about the mission of MMTG, exciting volunteer and mentoring opportunities, and group networking and learning events that are available throughout the year. Participants felt the lunch session was a helpful opportunity for them to learn more about the Society and a convenient method to receive information about upcoming volunteer opportunities.

If you are passionate about science, were unable to attend, or want to find out more about what our Section does year-round, please contact Gavin Lu (g-lu@alumni.northwestern.edu), Sue Perz (sue.perz@dowcorning.com) or visit our website at www.midlandacs.org for more information. Thanks to the Program Committee (Sue, Gavin, Wayde and Gina) for planning this opportunity. An analogous event is being planned for Dow in the near future.
Midland Section Publicity and Awards Committees

Falender Receives Top Midland Section Award

Dr. James R. Falender received the Midland Section Award for Outstanding Achievement and Promotion of the Chemical Sciences for 2011. Dr. Falender had an outstanding career as a chemical engineer and a research manager, rising to Vice President of several areas at Dow Corning Corporation.

Since retiring from Dow Corning in 2001 he has been a faculty member in the Department of Chemistry at Central Michigan University, where he served as Department Chair for two years. He is one of the rare scientists who rose to a high position in industrial science and then continued to contribute in the science education of students at the university level.

Dr. Falender joined Dow Corning in 1965 after receiving a B.S. in Chemical Engineering from MIT and receiving a Ph.D. in Material Science and Engineering from Rensselaer Polytechnic Institute in 1971. After holding various positions in research, product development, and process engineering, he was named Vice President and Director of Science and Technology for Europe in 1992, followed by Vice President and Executive Director of Health and Environmental Safety in 1997. In 1999 he was named Vice President and Executive Director of Science and Technology on a global basis.

He attended executive programs at INSEAD Advanced (INstitut Européen d'Administation des Affaires or European Institute of Business in France) and Kellogg Advanced Executive Program (Northwestern University) and was a past adjunct professor in materials science and engineering/chemical engineering at the University of Michigan. He was a member of the Industrial Research Institute, the Conference Board's International Council on Management of Innovation and Technology, and the University of Michigan's Materials Science and Engineering Industrial Advisory Committee. He holds several patents in the areas of silicone-modified organics, polymerization processes, and elastomeric products.

Not only is he an extremely talented scientific professional, he was a valued and respected manager by his Dow Corning peers and management team during his career at Dow Corning. His leadership spanned across a range of technologies and products. Most of these touched on the discipline of materials science which, within a specialty chemical company, provided him with a different view of Dow Corning’s science and enabled him to make significant impacts in the science, technology, and product portfolios of the company.

He was involved in starting Dow Corning’s Interface and Computational Expertise Centers, which yielded a tremendous amount of critical insight into how the company’s products work, especially in the areas of personal and household care, construction and other major segments. Knowing how the company’s products work allowed it to develop new materials optimized for specific benefits with the added value of claim substantiation data for the customer. His expertise helped put Dow Corning on an exciting growth path.

It is no surprise that Dr. Falender has remained active in his field of expertise since retiring from Dow Corning. He is currently a faculty member at Central Michigan University with his teaching emphasis in general chemistry and materials science. He was a strong force in pushing for the creation of the Science of Advanced Materials (SAM) Ph.D. Program at CMU. In addition to attending countless meetings of the SAM organizing committee, he actively worked from his position as Chemistry Department Chair to lobby for the program’s creation. He contributed not only his considerable management skills in this effort, but also contributed creative ideas on how the curriculum should be structured to best align with the needs of industry.

As a member of the SAM faculty at CMU, he has taught a graduate level course in materials, serves on their curriculum committee, is a member of the rheology research group, and serves on their external review board. He remains a strong advocate for the program, helping CMU make the dream of an active Ph.D. program a reality.

During the past ten years he has taught in CMU’s popular Armchair Chemistry class, a course designed as an introduction to chemical science for non-majors. He has also taught in the Introductory Chemistry Laboratory course, another course for non-majors. His contributions in these courses are significant because many of these students have little interest in chemistry and take the classes simply to meet requirements. Special teaching skills are required to hold their interest and generate enthusiasm.

Opportunities to Help With Chemistry Olympiad

Please contact Janice Tomasik if you are interested in helping with this year’s Chemistry Olympiad.

Tasks for which help is still needed include: printing certificates for all of the local competition participants, and mailing these to local teachers; co-proctoring the national competition on April 21 at Central Michigan University; presenting awards to the local competition winners at the Local Section’s awards night; and submitting reimbursement from the Local Section for costs accrued.

Help is also needed to write the Chemistry Olympiad annual report for the Midland Section.

None of these tasks are particularly difficult, and lots of them will be fun—especially co-proctoring the competition and meeting the talented and wonderful students who will compete at the national level!

If interested, please contact Janice at tomas1jh@cmich.edu.

Janice Tomasik, Chemistry Olympiad Chair

Vol. 49, No. 2; April 2012 The Midland Chemist
In Past Issues of The Midland Chemist

40 Years Ago This Month
In E. B. Baker Receives Chemical Instrumentation Award by Lee M. Huber: “At the ACS meeting in Boston, on April 10, 1972, Dr. Edward B. Baker received the 1972 ACS Award in Chemical Instrumentation sponsored by Sargent-Welch Scientific Company. This award was made in recognition of Dr. Baker’s outstanding research in instrumental techniques especially in the field of nuclear magnetic resonance (NMR). He is a nationally recognized leader in development of new instrumentation which has allowed NMR to become a useful and practical analytical tool for the chemist.”

30 Years Ago This Month
In Program Previews of the Organosilicon Symposium: “Planning continues for the XVI Organosilicon Symposium and the program is now complete, with 40 oral papers and 14 poster presentations. The Program will include lectures by nine of the previous Kipping Award winners, as well as one by the year’s winner, Professor Tom Barton of Iowa State University. Six of the previous winners, who are not lecturing, will serve as moderators for the six sessions of the Symposium, which will run from June 16-18, 1982” (concurrent with the 14th Central Regional ACS Meeting hosted by the Midland Section).”

20 Years Ago This Month
In Nominations Solicited for Science Education Awards by Mike Paquette: “Each year, the Midland Section of the American Chemical Society sponsors two awards which recognize outstanding achievement in the teaching of high school and college chemistry. This year, the Section has instituted two new awards for educators, recognizing the importance of science education in the elementary and middle level years. Recipients for all four awards will be selected by the awards committee on the basis of their record for motivating, stimulating and encouraging an awareness and understanding of science (elementary and middle schools) or chemistry (high school and college).”

10 Years Ago This Month
In MMI Announces Turner Alfrey Visiting Professor/Course by Steve Keinath: “Professor Roderic P. Quirk, Kumho Professor and Distinguished Professor of Polymer Science, The University of Akron, is the 2002 Turner Alfrey Visiting Professor at Michigan Molecular Institute. Professor Quirk will offer a course on “Frontiers in Anionic Polymerization.”

The Midland Chemist

Vol. 49, No. 2; April 2012

Wendell Dilling, Director and Historian

The Midland Section of the American Chemical Society presents

Dr. Pete Ludovice:

“Lab Coats & Other Fashion Statements: The Lighter Side of the Chemical Sciences”

at the


A PhD from MIT and over a decade of teaching engineers at Georgia Tech gives Pete a truly unique perspective on the humor of science and technology. Pete also produces and hosts a weekly radio show on WREK-Atlanta whose motto is “Science, only funnier” (see www.insidetheblackbox.org). If you’re a nerd, or have ever met one, Pete will leave you convinced that engineers can truly be funny and not just funny-looking.

Please join us at the Great Hall Banquet & Convention Center in Midland as we recognize local students, teachers, and chemists!

Event begins at 6:00 pm. Public welcome.

Please contact Diana Deese at awards@midlandacs.org for information and tickets ($13.00 per person)
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Volunteer Staff
Amy Tesolin-Gee ......................... Editor newseditor@midlandacs.org
Jeff Seifferly .................... Assisting Editor
Dave Baker .............................. Writer
Peggy Hill .............................. Writer

Please submit all articles and photographs to the editor. An editorial calendar and instructions for article submission are on the Midland Section website on the Communications|Newsletter menu.

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