

# CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

April, 2007  
Vol. 44, No. 7

## Felczan and New Win Teacher of the Year Honors!

*See page 6 for details*

### Meeting Calendar

- Apr. 19 M. Sarquis/L. Hogue  
Teachers Night  
Northern Kentucky U.
- May. 23 Party Night  
HofbrauHaus  
Newport, KY

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..... and more

## April Monthly Meeting

### *Using Toys to Teach Chemistry Creatively*

**Lynn Hogue  
and  
Mickey Sarquis  
Miami University**



### Abstract

What's the chemistry of a self-inflating balloon? Or a drinking bird? Or popular magicians' tricks like putting a needle through a balloon? This presentation will make you smile and may bring out your inner child. See how sim-

*(Continued on page 4)*

### About the Speakers

Lynn Hogue served as a high school science teacher for 27 years before joining the Center for Chemistry Education (Miami University in Middletown) as associate director in 1994. She has directed or taught more than 50 programs for teachers funded by the National Science Foundation, National Institutes of Health and other organizations. She co-authored several science teacher resource books and has worked with school districts nationwide in presenting in-service education programs for teachers and updating their science curricula.

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**THE CINTACS NEWSLETTER****Vol. 44, No. 67 April, 2007**

Editor.....Bruce S. Ault  
 Advertising.....Ed Hunter

CINTACS is published eight times a year (September through May) by the Cincinnati Section of the American Chemical Society. The submission deadline will be approximately April 4 for the May, 2007 issue. Electronic submission is strongly preferred. All materials should be sent to:

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**From the Chair**

The April meeting is almost a traditional one for our Section and it's the time when we recognize our outstanding K-12 students and their teachers. I'd like to thank Jim Nieuwahner for the many years he has coordinated this popular meeting at NKU. This year Jim decided to hand the baton to Stefan Paula, a new assistant professor at NKU. The Section is grateful to Stefan for his willingness to take on this task thereby helping us to maintain this meeting's important outreach function to the community at large.

The Awards committee headed by Jim Hershberger has chosen two teachers for recognition this year. Andrew Felczan of Wyoming High School is the High School Chemistry Teacher of the Year and Wendy New of Fairfield North Elementary School is the Section's Elementary School Science Teacher of the Year. Our sincere congratulations to these individuals for what they have done to improve science education in the Cincinnati area. Also, at the April meeting John Williams will present awards to outstanding high school students based on results of the Oesper and Chemistry Olympiad examinations. In addition Richard Sunberg will recognize the winners of the Section's National Chemistry Week poster competition. Our thanks to John and Richard for their continued effort in organizing these contests each year.

April is also the time when the Section recognizes its 50-Year members. This year eighteen Section members have reached this milestone and we congratulate them for their continued professionalism and devotion to the ACS.

As after-dinner speakers I am pleased to welcome Mickey Sarquis and Lynn Hogue from the Center for Chemistry Education at Miami U. (Middletown). Mickey and Lynn plan to demonstrate how simple toys and common household items can be used to unlock the mysteries of chemistry. Their hands-on presentation will leave you convinced of the educational value in these simple devices. It's a show that's not to be missed!

The Section thanks Girindus America, Inc. for their generous sponsorship of the April meeting.

Further reminders for April : The deadline for Short Course registration is April 20 for the course scheduled for April 30 – May 2. Contact Rick White (513)-622-1624 for details. And, don't forget Earth Day at Sawyer Point on April 21<sup>st</sup>; for information contact Emily Adkison, CCED Coordinator at [adkison.e@pg.com](mailto:adkison.e@pg.com).

And finally, looking ahead towards May the big event is of course the 2007 Regional ACS Meeting CERMACS in Covington, KY on May 20-23. Complete details of the meeting are available on the

*(Continued on page 8)*

**April Monthly Meeting**  
**Thursday, April 19, 2007**  
**Northern Kentucky University**  
*Sponsored by Girindus America, Inc.*

*Featured Speakers*  
*Lynn Hogue and Mickey Sarquis*

**Program**

- 5:00 pm Board Meeting: University Center 108
- 5:30 Registration: University Center, Second Floor Lobby Area
- 6:00 dinner, served buffet style: Sliced Roast Beef with Burgundy Wine Sauce ; Baked Cod ; your choice of one salad, two vegetables, one starch and one dessert. Dinner includes coffee, tea and water. Also, six vegetarian meals will be available. Please ask for this when you make your reservation. \$15.00 (\$10.00 students, emeritus, unemployed and new members)
- 7:00 Keynote Speakers: Lynn Hogue and Mickey Sarquis  
"Using Toys to Teach Chemistry Creatively"  
University Center Ballroom
- 8:00 Awards Presentation  
University Center Ballroom

**Reservations:** The meeting reservation form is online at <http://www.che.uc.edu/acs/cinacs.html>. This is the best and easiest way to register and indicate your dinner option. As a lesser alternative, you may send your reservations by email to [kim.carey@uc.edu](mailto:kim.carey@uc.edu). If it is absolutely impossible for you to make reservation via the internet, call 513-556-0293 (please leave name, affiliation, dinner option, a contact phone number and state if you are in one of the ½ price categories). Deadline for reservations is 12:00 noon on Monday, April 16.

**Directions:**

**From downtown Cincinnati:** Go east on U.S. Highway 50 (Columbia Parkway) and take Exit 1J, I-471 South, Newport, Kentucky. Go south on I-471 to the traffic light at the intersection of I-471 and U.S. Highway 27. Continue straight and turn right at the next traffic light onto Nunn Drive.

**From East on I-275 only** (use these directions if coming from the Greater Cincinnati / Northern Kentucky Airport): Take Exit 76, "Three Mile Road/Northern Kentucky University." Turn right. The first traffic light is Kenton Drive; the second traffic light is Nunn Drive.

**East or west on I-275:** Take Exit 74A, toward Alexandria, leading to I-471 south. Go to the traffic light at the intersection of I-471 and U.S. Highway 27. Continue straight and turn right at the next traffic light onto Nunn Drive.

Guests may park in any unreserved parking space, except for lot N as it is all reserved. The two garages are \$2.00. Guests must have a handicapped parking sticker in order to park in a space for the handicapped. A campus map showing the locations of the parking lots can be found at <http://www.nku.edu/~mccartne/map/>. Due to construction on campus, traffic in and out of campus can be heavy at times and it is recommended that you plan extra time for parking.

*(Continued from page 1)*

ple toys and common household items can be used to unlock the mysteries of chemistry.

If you agree that play is learning without punishment, then you'll also agree that toys are ideal tools for learning science. Toys have the capability of uniting fun, hands-on play with minds-on learning. Feel like a kid again as you explore ways to use toys in your outreach programs, to spice up your classes or to use with your own kids or grand-kids.

*(Continued from page 1)*

Mickey Sarquis is a professor of chemistry and biochemistry at Miami University and is director of the Center for Chemistry Education, an internationally recognized leader in chemistry and science education. A proponent of active learning, she has received numerous teaching and service awards. She has published more than 60 books, monographs, chapters and articles and is a widely traveled guest lecturer and tour speaker. In honor of her many accomplishments Mickey was recently voted as Cincinnati Chemist of the Year by our Section.

Sarquis and Hogue have worked together for more than 15 years developing lessons for teachers and students using chemistry-based toys. They have made numerous presentations for chemists, teachers and students.

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## Call for Nominations for Outstanding Service Award

Nominations will be accepted for the Cincinnati Section Outstanding Service Award until Thursday, April 19, 2006. The nominee should have performed an extraordinary service to the Cincinnati Section. The nominator should be a member of the Section. A complete nomination consists of a letter written by the nominator detailing the reasons the nominee is deserving of the award, and at least one supporting letter by another member of the Section. Nomination materials should be sent to: James W. Hershberger, Cincinnati ACS Awards Committee Chair, Department of Chemistry and Biochemistry, Miami University, Oxford, OH 45056. Altern-

tively, materials can be sent by email ([hershbjw@muohio.edu](mailto:hershbjw@muohio.edu)) or fax (513-529-1675).

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## Special Day for Teachers at CERMACS

A special day, Sunday, May 20<sup>th</sup>, is being planned for chemical educators as part of the regional ACS meeting. There will be three hands-on workshops at Northern Kentucky University in the morning. Teachers will be able to choose among such options as computer molecular modeling, food chemistry, and data acquisition with probes and sensors. A box lunch will be served. Then we will drive over to the Northern Kentucky Convention Center to attend the ACS Division of Chemical Education Central Region Award for Excellence in High School Teaching. After the award presentation, the afternoon activities will continue with the first of two presentations by the nationally known chemical demonstrators, the Fantastic Four Science Guys. David Katz and John Fortman will present on Sunday and Bassam Shakhshiri and Al Hazari will continue the fun on Tuesday evening, May 22<sup>nd</sup>. The advanced registration deadline for CERMACS2007 is May 4. Please visit the meeting website at [www.cermacs2007.org](http://www.cermacs2007.org) for complete meeting information, program schedule and registration details. Mark your calendars now!

*(Continued on page 15)*

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## Final Listing of Sponsors for the 2006-7 Section Program

We now have a sponsor for each of the 8 Section meetings in the 2006-7 program year. This is the 5th straight year that our generous individual members, academic institutions, and industries have seen the value of sponsorship and stepped forward to fund this important need.

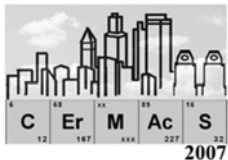
The meeting dates and specific sponsors for

*(Continued on page 14)*

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**“Learn Today...Influence Tomorrow”**

Plan now to attend this action-packed meeting of science & fun!



**CERMACS 2007--Central Regional Meeting  
of the American Chemical Society**  
Hosted by the Cincinnati Section of the ACS  
Northern Kentucky Convention Center, Covington, KY  
**May 20-23, 2007**



**WWW.CERMACS2007.ORG**

**\*\*\* Abstract Submission EXTENDED to APRIL 2 \*\*\***

**Hotel Reservations, Special Rate Deadline April 29**

**Advanced Registration Deadline May 4**

(see website for complete details)

**Symposia & General Sessions**

**“Investigative Forensic Science”**-William Dean, Chief of Forensics, Hamilton County Coroner’s Office

**“Fantastic Four” Science Guys---**Bassam Shakhshiri, David Katz, Al Hazari & John Fortman

**“Illuminating Molecules”** & **“Chemical & Biological Sensors”** will dazzle our senses

**“Brewing Science & Art: Beer & Beyond”**, by the Master Brewers Association of the Americas

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**Information: Program:** Jeanette Krause, 513-556-9226, jeanette.krause@uc.edu; **Exhibits:** Robert Voorhees, 513-556-9297, robert.voorhees@uc.edu & Michael Kurutz, 866-396-6765, kurutz@MeasureNet-Tech.com

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## High School Teacher of the Year

The Awards Committee of the Cincinnati Section is pleased to announce that Andrew Felczan is the High School Chemistry Teacher of 2007. Andrew was trained as a chemist at Kent State University (B.S. 1990) where he performed



research in the field of Mossbauer spectroscopy as an undergraduate with Professor N. Duffy. He had enough time left over to minor in mathematics, physics, and secondary education. He has been a certified teacher in chemistry, math, and physics for 16 years. Since 1997 he has taught in the Wyoming City Schools where he is currently Instructor of Chemistry at Wyoming High School. In addition to teaching the Advanced Placement chemistry students (passing rate of 85% on the national AP Chemistry Exam!), he has coached a wide variety of students to local, state, and national recognition in science: the Science Olympiad competitors, the Robotics Team, the JETS TEAMS, the Science Bowl team, and the Academic Team.

The list of Andrew Felczan's activities does not begin to do justice to the impact he has upon his pupils. One satisfied parent writes "Mr. Felczan nurtured my son's love of science and his interest in computer animation and encouraged him to produce his first [award winning] video, "The Lighter Side of the History of Science". She also describes the time she accompanied the Science Olympiad team to a competition at the University of the Columbians: "Of the 15 students who attended, 12 received at least one medal. The overall result was that Wyoming came home with 4 trophies, 19 medals, and took first place overall. The Science Bowl team finished first, beating the previous year's winning team which placed 4<sup>th</sup> in the nation. Such success does not come without a great deal of work after year to build the enthusiasm and confi-

(Continued on page 8)

## Elementary School Teacher of the Year

The Awards Committee of the Cincinnati Section is pleased to announce that Wendy New has been named the Elementary School Teacher of Year. Wendy has been teaching since 1972. She joined the Fairfield City Schools in 1980 teaching grades 3, 4, and 5 in all



subject areas. She is presently a Grade 4 Math and Science teacher at Fairfield North Elementary School. Wendy is recognized by her colleagues and her principal as an expert in teaching difficult scientific or mathematical concepts. She has been instrumental in developing the building's Science Lab. Her enthusiasm for introducing new ways of engaging students is exemplified by past projects such as her Superintendent's Grant to develop a Terrific Science Program to team high school physics and chemistry teachers and students with fourth graders. She continues to go well beyond the normal expectations placed on a classroom teacher. One year ago, Wendy coordinated her school's Space Camp trip to Huntsville, Alabama and in May of this year, will once again take forty-eight fourth graders for an Astrotrek Adventure. In early May, Wendy is helping to plan a Family Science Night for her school.

The testimony of satisfied parents and past pupils reveal Wendy's greatest talent: the ability to get young people excited about math and science. One parent writes, "From the beginning of the school year, we immediately became aware that Ms. New was a special teacher." Another writes, "I sat down with my daughter and asked her to recall what she had learned in fourth grade. Her extensive list started off with slime, making a volcano, an erosion shoebox, making chemical reactions to shoot the lid off a film canister, how molecules move, how to measure weather, how rain forests were created....." A former student, a recent graduate of Purdue University in Mechanical Engineering, writes "Ms. New was the first teacher I

(Continued on page 8)

Short Coursemark your calendar now...

## Experimental Design for Productivity and Quality in R&D

**Stanley N. Deming and Stephen L. Morgan, Instructors**

**Monday through Wednesday, April 30 – May 2, 2007**

**Mason Business Center: The Procter & Gamble Company 8700 Mason-Montgomery Road, Mason OH**

*The acclaimed course that teaches the proper way to design experiments for improved research quality.*

### Who Should Attend

Chemical scientists, engineers, R&D managers, and others who need to learn proven methods or designing quality into products and processes. The course assumes no previous knowledge of statistics and is aimed at both beginning and experienced R&D workers. Each participant should bring a hand-held calculator to the course.

### Key Topics You'll Learn About

- Basic concepts of experimental design.
- Strengths and limitations of popular experimental design techniques.
- Applicability of common designs.
- Determining which experimental designs are appropriate or inappropriate for particular situations.

### How You'll Benefit from This Course

- Get solutions to your experimental design problems from seasoned experts.
- Learn how to significantly improve R&D quality and efficiency.
- Become more efficient in performing experiments by learning how to save resources by eliminating unnecessary experimentation.
- Learn how to match appropriate experimental designs to real-world problems.
- Gain an improved understanding of statistical process control and statistical quality control.
- Understand statistical terminology and be able to communicate more easily with statisticians.
- Develop a firm foundation for understanding advanced design techniques.
- Receive a brief introduction to Taguchi methods.
- Learn about commercial software packages for data treatment.
- Improve your skills in communicating research strategies to co-workers.

### About the Instructors

**Stanley N. Deming** is Professor Emeritus of Chemistry at the University of Houston, Texas. He is also the President of Statistical Designs. Dr. Deming is the author or co-author of more than 90 publications in the areas of analytical chemistry and related disciplines. **Stephen L. Morgan** is Professor of Chemistry at the University of South Carolina. His current research interests include optimization and experimental design in chemistry, pattern recognition on chemical information, and data preprocessing strategies. Dr. Morgan is the author of more than 100 publications in the field of analytical chemistry and analytical biochemistry.

### Program Agenda

Check-in will begin at 8:10 a.m. the first day. The course will be taught from 8:30 a.m. to 5:00 p.m. each day. If you have technical questions about the course, contact Dr. Deming at (713) 947-1551 or at [standeming@statisticaldesigns.com](mailto:standeming@statisticaldesigns.com).

### Date and Site

April 30 – May 2, 2007, this is a 3-day course. Location: Mason Business Center (formerly Health Care Research Center) -- The Procter & Gamble Company, 8700 Mason-Montgomery Road, Mason, Ohio 45040.

### Registration and Fees

The course fee will be **\$675 for ACS members** and **\$775 for non-members** (compare to \$1345/\$1445 at a National ACS meeting). The fee includes course materials, continental breakfast, lunch, and refreshment breaks for all 3 days. Seating will be limited. Please call Rick White at 513-622-1624 and leave a voice mail with your name, affiliation, and phone number to reserve your seat today. Payment can be made by credit card at the CINTACS website (<http://www.che.uc.edu/acs>), or by sending check or money order, payable to "Cincinnati Section ACS", to the address listed below. **Payment must be received by Friday, April 20.**

Dr. Rick White, The Procter & Gamble Co.  
Health Care Research Center, Box 705, 8700 Mason-Montgomery Rd.  
Mason, OH 45040

(Continued from page 6)

dence of these students". His principal summarizes her support for him by stating "Andrew is held in the highest regard by our faculty, our administrative team, and by our parents."

Andrew has been recognized as the WLWT Channel 5/WARM 98 Teacher of the Week, he is a past General Electric STAR Award recipient, and is listed among Who's Who Among American High School Teacher. He holds a Martha Holden Jennings Scholarship. We are honored to add to this list of recognitions. Congratulations, Andrew, on this well deserved award!

(Continued from page 6)

had who emphasized both math and science in a practical, real world sense.....We completed engaging and informative science labs in fourth and fifth grades. Most students that age are not exposed to that type of learning.....she set the foundation for my decision to become a mechanical engineer."

Thank you, Wendy, for introducing our children to the world around them and to the power of curiosity. Congratulations on this well deserved award!

(Continued from page 2)

Section webpage or simply at <http://www.cermacs2007.org>. This year's annual Party Night is scheduled for May 23<sup>rd</sup> at the HofbrauHaus in Newport, KY. And will be a joint affair held in conjunction with CERMACS.

I hope to see each of you at the NKU meeting. Bring along a student!

George Rizzi, Chair

## Mailing Address Updates

The CINTACS editor from time to time receives requests from Section members to change their mailing address for CINTACS. Unfortunately, we cannot do this locally. The mailing address information for CINTACS goes directly to our printers from ACS national, after which mailing labels are prepared. To change your address for CINTACS, you need to send ACS national your updated contact information. Fortunately, this is very easy to do. ACS members can update address and member information conveniently at:

<http://acswebapplications.acs.org/applications/addrupdate/addrchange.cfm>

Changes made at this site will affect all of your ACS official mailings (dues notices and so forth, as well as CINTACS). If you need additional information, contact Bruce Ault at [bruce.ault@uc.edu](mailto:bruce.ault@uc.edu) or 513-556-9238.

## YCC Happy Hour

It's been quite a while since the last YCC happy hour. Therefore, all younger chemists are invited to the Red Robin in Westchester (just off the I-75 Union Centre Blvd exit) for glorious burger fun Tuesday April 10 from 6 to 9pm. As always, YCC buys the food, all you have to do is show up. This Happy Hour is especially for those on the North side of town, so for all of you waiting for a Happy Hour close to home, this is your chance! Many thanks to those who came to the dinner-and-a-movie!



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## Chemical Information Update – Everything Old is New Again

Edlyn S. Simmons, Chair,  
Chemical Information Discussion Group

Computerized databases were created 30 or 40 years ago as efficient alternatives to printed indexes. Old information was on paper, but new information was stored electronically and could be searched and displayed with the help of a computer, so the new databases included data that went back in time to the beginning of digital storage. For the Chemical Abstracts Service, that was 1967; for the United States Patent and Trademark Office it was 1970 (but complete files began only in 1976). And because computers ran slowly, searchable databases contained only the indexes. If you lived near a good university or corporate library, you had access to the complete text of journals and patents the databases pointed to. But as computers became more powerful, databases with full text began to appear, and as optical character recognition software became more reliable, some databases converted older resources from print to digital. General acceptance of the PDF file format made it possible to show documents in their original form, and document images began to proliferate.

One of the earliest chemical information resources to move from print to digital was the Beilstein Handbook of Organic Chemistry, which contained a systematic listing of all organic compounds characterized since 1771 and their properties. The handbook was converted to a machine searchable database in the early 1980s, and is now available on several platforms.

The Chemical Abstracts Service began adding its backlog of print-only abstracts and to its database as page images, and has gradually made more and more of its abstracts and indexing searchable and displayable in digital format. Having completed the task of digitizing all of the abstracts published since 1907, CAS began in 2002 to digitize the indexing of abstracts published before 1967. In 2004 CAS took the dramatic step of abstracting

journal articles published before the print Chemical Abstracts series was founded in 1907. They began by indexing the early issues of the Journal of the American Chemical Society and the Journal of Physical Chemistry back to 1900. They also began indexing older journal articles cited in the recent literature, including landmark papers by Marie and Pierre Curie, Emil Fischer and Victor Grignard. By the end of 2006, they had added millions of articles from the early 20th century and late 19th, including the 1878-1906 issues of the Journal of the Chemical Society, Transactions, and had begun abstracting the 1890-1906 issues of the Journal of the Chemical Society, Abstracts. United States chemical patents from 1890 to 1906 had been added, and abstracting continues unabated.

Naturally, indexing all these journal articles and patents is more valuable if chemists can read the original articles. And publishers are helping us make the early literature available as PDF images, available online to anyone with a subscription. Patent images are now available on many platforms, including free services provided by the governments. Complete archives of many journals are available from the American Chemical Society, the Royal Society of Chemistry, Elsevier and others. Images of U.S. patents from the beginning of the modern patent series in 1836 are available on many websites, and the European Patent Office makes images of patents from many countries available on the ESP@CENET service.

There is much more, older information going online. I'll tell you about more of it in future columns.

Footnote:

This year, the Chemical Information Discussion Group is once again offering hints and updates on chemical information resources available to most chemists and techniques for using them. Feedback, contributions, and requests for information you'd like to see in future columns are welcome. If you have any comments, suggestions, or contributions, please email them to [simmons.es@pg.com](mailto:simmons.es@pg.com)

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Advertisers!**

## Chemists Celebrate Earth Day's "Recycling -- Chemistry Can"

The illustrated Haiku Contest has been rolled out to the Cincinnati Public Schools & private schools. Judging will take place on Saturday, March 24th from 8:30-11am. CCED's Earth Day Celebration continues with hands-on-activities & demonstrations on the weekend of April 21st. Location is TBD. If you are interested in judging the first event or volunteering at the second, please contact Emily Adkison (adkison.e.1@pg.com, 513-626-0219).

## The Cincinnati Section Celebrates it's 50 Year Members

The Section is pleased to recognize the following individuals who have been members of the American Chemical Society for 50 years. Several will receive their certificate at the April meeting of the Section (see page 3); others will not be able to attend.

Dr. Robert Walter Broge  
 Dr. Ralph A. Damico  
 Mr. Verlin W. Foltz  
 Mr. Jerome A. Freitag  
 Mr. Norman A. Fulton  
 Dr. David H. Gustafson  
 Dr. Sidney A. Hannah  
 Dr. Myer George Horowitz  
 Dr. John Henry Kahn  
 Dr. Robert Lemlich  
 Dr. James E. Mark  
 Dr. William L. O'Brien  
 Dr. David E. O'Connor  
 Dr. Thomas C. Purcell  
 Dr. Donald Eugene Richards  
 Dr. Sally A. Vonderbrink  
 Dr. Mary Ann Williams  
 Dr. R. William Youngquist

## Chemist of the Year Award



Hal Ebetino (center) received 2007 Cincinnati Chemist of the Year Award from Awards Committee Chair Jim Hershberger (left) as Pamela Schofield, Hal's nominator, looks on.



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## Zimmer Scholar to Present Lecture, Short Course at UC

Zimmer Scholar Mark von Itzstein from Griffith University, Australia, will be presenting a public lecture on Friday, April 20 at the University of Cincinnati, followed by the Zimmer Banquet that evening. The schedule is:

- 4:00 Colloquium, 502 Rieveschl Hall  
*Pandemic Influenza – The Re-emergence  
of an Old Threat*
- 5:30 Reception at the Faculty Club
- 6:30 Banquet
- 7:30 Award Presentation

### Abstract

The important roles of carbohydrates and the proteins that recognise them in biological processes are broad in nature. When these roles are associated with a disease a potential drug discovery opportunity can be presented. Various clinically significant pathogens, including viruses, parasites and bacteria utilise carbohydrates and their associated proteins to invade their host, facilitate their lifecycle and as a consequence produce disease. Viruses such as influenza virus, rotavirus, and dengue virus all have essential carbohydrate recognition processes in their replicative cycles that present possible drug discovery targets.

We have had a long-term interest in the discovery of novel influenza virus sialidase inhibitors that may provide the next generation anti-influenza drugs. The Drug Discovery process, the history of influenza virus sialidase inhibitor discovery and some of our most recent work and advances

towards the development of drugs to treat or prevent influenza, including pandemic influenza, will be presented.

Professor von Itzstein will also offer a short course, free and open to the public on Monday, Wednesday, Friday, 11-11:50, 3200 Rec Center (University of Cincinnati); reservation are needed, to [Kim.Carey@uc.edu](mailto:Kim.Carey@uc.edu). The topics include:

- Monday, April 16: Carbohydrate-Recognising Proteins as Targets for Drug Discovery.
- Wednesday, April 18: Sialic Acids and Mimetics as Probes of Rotavirus Infection.
- Friday, April 20: An Example of the Drug Discovery Process: Drugs against Influenza: Past, Present and Future.

For more information, see:

[http://www.che.uc.edu/alumni\\_community/zimmer/default.html](http://www.che.uc.edu/alumni_community/zimmer/default.html)

## Academic Employment Initiative

### Will You Be Starting a Faculty Job Search?

If you are interested in an academic job, plan to present an ACS Academic Employment Initiative (AEI) poster at Sci-Mix on Monday evening, 8-10 pm, August 20, at the ACS National Meeting in Boston. Faculty recruiters from a variety of colleges and universities will be there to meet poster presenters. If you are a faculty member, please urge graduate students and postdoctoral fellows who are interested in academic careers to take advantage of this opportunity.

*(Continued on page 15)*



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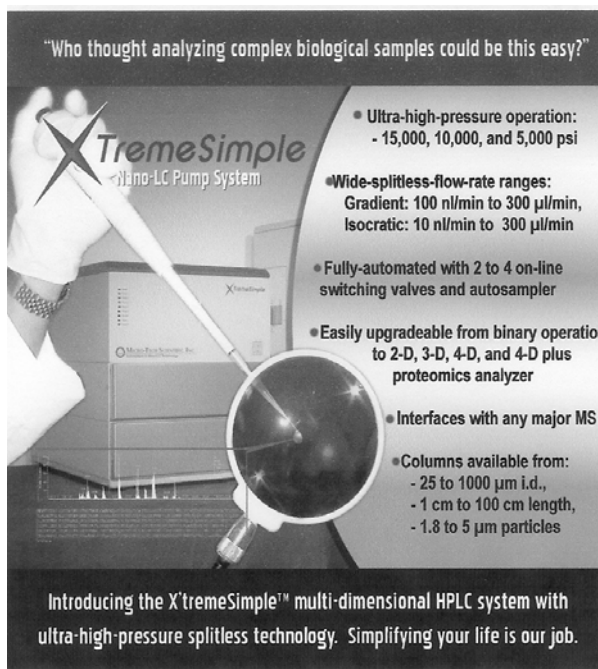
## ACS Committee on Chemists with Disabilities Ambassadors Program

The Committee on Chemists with Disabilities (CWD) Committee of the American Chemical Society (ACS) announces its new CWD Ambassadors Program. The CWD Ambassadors Program will act as a source for speakers and information for ACS Local Sections and Regions, community groups or schools on working as a chemist with a disability.

The CWD Ambassadors Program is intended to enhance the committee's mission of promoting educational and professional opportunities in the chemical sciences and in fields requiring knowledge of chemistry for persons with disabilities and championing the capabilities of those persons to educators, employers, and peers.

If you are a chemist with a disability, or a professional in the chemical sciences with an interest in or knowledge of disability, and would like to become a CWD Ambassador, or if you would like to get more information about how the CWD Ambassadors Program could help your Section, Region or organization, please call the Department of Diversity Programs at (800) 227-5558 or E Mail: [cwg@acs.org](mailto:cwd@acs.org).

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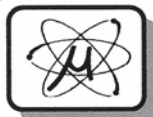
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(Continued from page 4)

each meeting are presented below:

Meeting Date	Sponsor
Sept. 24, 2006	Dr. R. G. Laughlin
October 27, 2006	U. of Cincinnati, Chemistry
November	No Meeting
Dec. 14, 2006	Xavier University, Chemistry
Jan. 18, 2007	Procter & Gamble Company
Feb. 15, 2007	Givaudan Flavors
March 14, 2007	Advanced Testing Laboratory.
April 19, 2007	Girindus America, Inc.
May 23, 2007	Dr. Milton Orchin

The Section's governance and members are grateful for this support, which will lead to higher meeting attendance and improved quality and value of our meetings.

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(Continued from page 4)

On January 24<sup>th</sup>, twenty-five teachers gathered in Julie Hust's classroom at St. Xavier High School to experience POGIL activities. If you missed the evening, you can learn more about POGIL and download activities at the website ([www.pogil.org](http://www.pogil.org)). There will be a POGIL workshop at the Middletown branch of Miami University on April 28<sup>th</sup>.

(Continued from page 12)

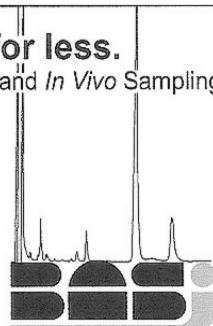
Also, if you are in a department that will be hiring new faculty next year, please take advantage of this means of meeting several candidates in a relatively relaxed and informal setting. The deadline for submitting the AEI Abstracts is April 9. For more information visit the AEI website or write to [GradEd@acs.org](mailto:GradEd@acs.org).

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