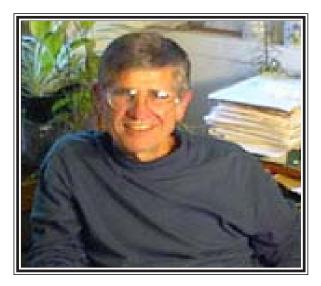


St. Louis Section, American Chemical Society



James S. Chickos 2006 St. Louis Award

2006 ST. LOUIS AWARD SYMPOSIUM



Prof. James S. Chickos Universiy of Missouri-St. Louis on Friday April 21 2:00 - 5:00 pm Room B451, Benton Hall UM-St. Louis

PROGRAM DETAILS:

Sponsored by the St. Louis Section of the American Chemical Society and the University of Missouri-St. Louis.

2:00 Welcome and General Introductions. Alexa B. Serfis, Chair, St. Louis Sect. **2:05 Introduction of James S. Chickos**, 2006 winner of the St. Louis Award of the St. Louis Section of the American Chemical Society.

2:10 Symposium moderator Dr. James S. Chickos - General Remarks.

2:15 - 3:00 Dr.William E. Acree, Professor of Chemistry, University of North Texas University, "Applications involving and predictions of phase transition enthalpies"

3:00 – 3:45 Dr. Joel F. Liebman, Professor of Chemistry, University of Maryland – Baltimore County, "*What does thermochemistry tell us about chemistry?*"

Refreshment Break, 3:45 – 4:15

4:15 – 5:00 Dr. Timothy A. Keiderling, Professor of Chemistry, University of Illinois-Chicago, "*Isotopic substitution, conformational variation, spectroscopy and theoretical modeling; held together by thermodynamics*" **5:30 – 6:30 Reception** hosted by Dr. Thomas F. George, Chancellor, University of Missouri-St. Louis and Professor of Chemistry and Physics at the Chancellor's residence.

Parking for the Symposium is available in the West Drive Garage. West Drive is off Natural Bridge Road.

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Meeting Seminars

Board of Directors

St. Louis Section-ACS Board of Directors meets on the second Thursday of each month, at the **Glen** Echo Country Club (map available on website). Meetings are open to all members, and all are encouraged to attend. Elected officers and chairs of major committees have the right to vote: others in attendance have voice but no vote. If you want to attend the dinner, please contact Alexa Serfis (barnoski@slu.edu) at least one week prior to the meeting date. The cost of dinner is \$18. Members wishing to become active in section activities are welcomed to their first dinner for free. compliments of the section.

> Date: April 13 Social hour: 5:30 pm Dinner: 6:30 pm Business Meeting will start during dinner. Future meetings: May 11 *summer break*

POLYMER STANDARDS FOR GCP/SEC MOLECULAR WEIGHT ANALYSIS GPC/SEC COLUMN REPACKING American Polymer Standards Corporation 8680 Tyler Boulevard, Mentor, OH 44060 Phone: 440-255-2211 Fax: 440-255-8397

University of Missouri-St. Louis

Seminars are held on Mondays at 4:00 pm in Room 451 Benton Hall.

April 3 George O'Doherty West Virginia University De Novo Synthesis in Carbohydrate Chemistry

April 10 Gary Landreth

Case Western Reserve Univ. Inflammatory mechanisms in Alzheimer's disease: How microglia clear amyloid from the brain.

April 17 **Zhongwu Guo** Wayne State University

Synthesis of complex glycoconjugates and carbohydrate-based cancer vaccines

April 24

Mark Fink Tulane University Silyl Complexes of Palladium: Potential Models for Si-H and Si-Si Activation

May 1

The 19th Annual Distinguished Alumni Lecture Alicia M. Beatty Mississippi State University From 'Dimethyl Tar' to Clay Mimics: a Sticky Path to Crystal Engineering

Chemical Progress Week

Monday, April 17: Awards Night Banquet

Honors the winners of the following Awards: High School Chemistry Contest Leopold Marcus Award High School Teaching Award Chemical Science & Technolgy **Outstanding Junior Chemistry** Students at area colleges and universities Kemoll's Restaurant One Metropolitan Square St. Louis, MO \$25.00/person 5:30 pm - Social Hour 6:30 pm - Dinner 7:30 pm - Program Contact Samir El-Antably (314-664-5522) or Alexa Serfis (314-977-2842 or barnoski@slu.edu)

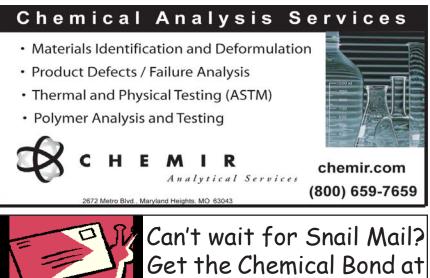
Friday, April 21 St. Louis Award Symposium

Honors Jim Cickos (UM-St. Louis) 2006 recipient of the St. Louis Award 2:00-5:00 pm, 451 Benton Hall, UM-StL Symposium speakers include: William Acree (Univ. of North Texas) Joel Liebman (Univ. of Maryland) Timothy Keiderling (Univ. IL-Chicago) Contact Lol Barton (314-516-5334 or Ibarton@umsl.edu)

Saturday, April 22 St. Louis Award Banquet

Honors Jim Cickos (UM-St. Louis) 2006 recipient of the St. Louis Award Kemoll's Restaurant One Metropolitan Square St. Louis, MO \$35.00/person 6:00 pm - Cocktails 7:00 pm - Banquet 8:00 pm - Program

Tuesday, April 18 Adaciom Luncheon, TBA



http://www.umsl.edu/~acs/

April 2006

Anna Wokovich Awarded the 1st St. Louis Science & Technology Award

Anna Wokovich received her Bachelor of Science degree in Chemistry from Southern Illinois University at Edwardsville in 1996. She has been employed at the Food and Drug Administration, Division of Pharmaceutical Analysis in St. Louis since 1999. Prior to that, she was employed at Monsanto and Jones Pharma, Inc.

During her tenure at the FDA, she became an expert in Differential Scanning Calorimetry and Thermal Gravimetric Analysis. Her work led to a presentation at the North American Thermal Analysis Society meeting, as well as several posters at FDA Science Forums. Ms. Wokovich's research efforts produced a publication on isotope ratio mass spectrometry as a tool for determining counterfeit pharmaceutical products. She was instrumental in developing collaborative study with the Center for Devices & Radiological Health and Southwest Research Institute to develop methods for peel adhesion testing. Her current research activities include nano-particle size measurement of sunscreens, development of peel adhesion, tack and shear strength methods for transdermal drug delivery systems and isotopic ratio mass spectrometry.

Ms. Wokovich is well-respected by her colleagues and has received several peer awards for her contribution to the mission of the FDA Division of Pharmaceutical Analysis.

Local ACS Spring Events

Sunday, April 2 Women Chemists Luncheon

Forest Park Boathouse Annex 12:00 - 2:00 pm \$12.00/person Contact Leah O'Brien (618-650-3562 *or* lobrien@siue.edu)

Friday, April 7 Greater St. Louis Science Fair Greensfelder Pavilion, Queeny Park 6:00 pm

Wednesday, April 12 Marcus Award Competition

Department of Chemistry, SLU 4:00 - 6:00 pm Contact Bruce Kowert (314-997-2837 *or* kowertba@slu.edu)

Saturday, April 22 Chemistry Olympiad

St. Louis Comunity College at Florissant Valley 8:00 am - 2:00 pm Contact Donna Friedman (friedman@sstlcc.edu) or Myron Reese (mreese@mckendree.edu)

Saturday, April 29 Undergraduate Res. Symposium

St. Louis University Contact Jennifer Fraser (slujen@yahoo.com)

May 2-3

Career Day America's Center Contact Greg Wall (800-325-5832 ext. 3139 or gwall@sial.com) Pick up

rotating

Mass-Vac ad

from p. 8 of January 2006

Marcus Award Competition

The 2006 Leopold Marcus Award competition will be held **Monday, April 10 at 4:00 p.m.** in Lee Hall (Lecture Hall 1) on the campus of Saint Louis University. It is administered by the Department of Chemistry at Saint Louis University and the St. Louis Section of the American Chemical Society. The competition consists of presentations based on the undergraduate research projects of senior chemistry majors at Saint Louis University. The candidates, chosen by the faculty, will be making fifteen-minute presentations. The winner of the award is determined by vote of the professional chemists in the audience. All ACS members are invited to attend. Refreshments will be available after the competition.

Please note that the date on which the talks will be held (April 10) is different from that announced in the February issue of the Bond (April 12); the correct date was given in the March issue. For further information, contact Bruce Kowert at (314) 977-2837 or kowertba@slu.edu.



100th Anniversary of the St. Louis Section

A sub-committee was established by the Board of Directors in 2005 to plan the celebration of the centenary of the Section during 2007. The committee is chaired by Chair-Elect Steve Kinsley. Part of the work of the

committee is to gather information, artifacts, memorabilia, old publications, etc. from the early days of the Section. If anyone has any such materials that they would be prepared to give, loan or otherwise share with the committee, they should contact Lol Barton via one of the following: lbarton@umsl.edu, Phone 516-5334 (O); 382-7355 (H).

23rd Annual Career Awareness Fair

There is only 1 month left until the 23rd Annual Career Awareness Fair for City and County Public Schools 8th Grade Students, which will be held on May 2-3, 2006 in Halls 1 & 2 at the America's Center. This is your opportunity to help mold the lifes of our future scientist. The Section has participated in over half of the Career Awareness Fairs and have been interviewed by approximately 10,000 students. It is never too early to volunteer for this program. To volunteer, contact Greg Wall by telephone at 800-325-5832 ext. 3139 or by e-mail at gwall@sial.com.

2006 Recognition Night

Recognition Night was held Saturday, March 11 at the Glen Echo Country Club. At this event the following people are traditionally honored: 50 year members, the Distinguished Service Awardee, and the Immediate past Chair. There were four

Don't miss out!

If you would like to be reminded of upcoming ACS events, subscribe to our e-mail notification list. List members will receive periodic reminders of ACS-St. Louis Section activities.

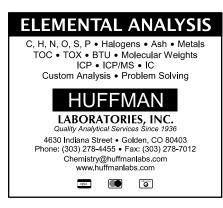
To become list member, send your e-mail address to: baronski@slu.edu

fifty year members, but only Emmett Kaelble was able to attend, with his wife Martha. The other 50 year members included Michael Dub, Victor Saeger, and Billy Vineyard. Sadiq Shah was honored for his outstanding service to the Section with the 2006 Distinguished Service Award, consisting of an engraved plaque. Ted Gast received many thanks and an engraved plaque for his service as Section



Chair in 2005. Ted discussed his interest in art during his award address, which was very well received. It was an enjoyable evening and an opportunity to reconnect with old friends.

Past chairs at Recognition Night (left to right): Sadiq Shah, Jack Malone, Jed White, Ted Gast, Alexa Serfis, Samir El-Antably, Lol Barton, and Hal Harris.





Emmett Kaelble, 50 year member, and Alexa Serfis, presenting his plaque, at Recognition Night 2006.

Pick-up

ManSci, Inc. ad

from page 8 of previous issue

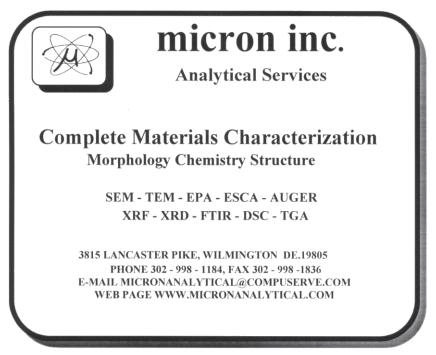


National Chemistry Week 2006 "Your Home—It's All Built on Chemistry"

October seems far away, but it and National Chemistry Week (NCW) will be here before we know it. Each year the American Chemical Society's NCW campaign reaches millions of people with positive messages about the contributions of chemistry to their daily lives. The celebration dates for 2006 are **October 22 – 28** with the theme, **"Your Home—It's All Built on Chemistry"**.

Some ways that you can contribute to the NCW campaign are: helping at an event planned by the NCW coordinator; performing chemical demonstrations at a neighborhood school; conducting hands-on activities with children at museums, malls, or libraries; or writing articles or letters to the editor of the local paper. Visit http://chemistry.org/ncw over the summer as more content is added!

Please join the celebration!



Pick up

back cover and Sigma ad

from back cover

of previous issue