



The

Indiana Section of the American Chemical Society

Accelerator

Visit our website: <http://www.franklincollege.edu/indyacs>

Chair's Corner

Greetings everyone. Summer is upon us and my mind turns from academics, being an educator, to a more leisurely topic: the American pastime of baseball. I grew up near St. Louis, so I have been a devout Cardinals fan since I could first grasp the rules of the game. My inaugural season with my Redbirds was 1982; quite a year to pick up baseball and be a Cardinals fan. I remember watching every game I could, listening to those that weren't televised. Even now, anytime I hear Jack Buck's famous voice or someone mentions Ozzie Smith, Willie McGee, or Bruce Sutter, I'm immediately transformed to a bright-eyed 8-year old (yes, I'm that young), cheering on my newly found heroes. That year, I found a passion that has stayed with me to this day. It wasn't hard to become a fan of the 1982 World Series champions and begin my love affair with arguably the best team sport played. Even through labor disputes, six years of living in Atlanta Braves country, and three losses in the World Series, my passion for the Cardinals and baseball has remained. (I used to be a closet Red Sox fan until last October...)

When I moved to Indianapolis, my family and friends knew that a huge part of my life would go unfulfilled since there is no major league baseball in our fine city. I was

pleased to discover our minor league team, the Indianapolis Indians, and resigned to the fact that I would have to settle for sub-par baseball at a minor league field. My wife purchased tickets and we attended an Indians game not long after I made the transition to Indy. Having attended a number of minor league games, I expected to witness a mediocre team on an ancient field. I couldn't have been more wrong. Once I entered Victory Field, I was taken back to my first game at Busch Stadium in 1982. In a city where basketball rules and football is a close second, the spirit of baseball is alive and well on the south side of downtown Indianapolis. I couldn't have asked for a better experience.

Granted, you probably won't see a World Series caliber team take the field, but what they lack in pure talent, they make up for in intensity. At this level the egos and million-dollar salaries no longer get in the way. The players are there to play because they love the game. And Victory Field could be the finest ballpark I have ever experienced. It's hard to watch a game and not think, "This is how baseball was meant to be."

So why, as a fellow chemist, am I touting my love for baseball to you? The purpose is two-fold. The first is to introduce you to our Indianapolis
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The Indiana Local Section of the American Chemical Society publishes the Accelerator four times a year. The Section is not responsible for statements or opinions printed in this publication. The Editors are responsible for all unsigned and staff articles.

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To find up to date information about Local Section activities,
visit our website: <http://www.franklincollege.edu/indyacs>

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Indians. We have a great team and an unbelievable facility to experience baseball. Even if you aren't a diehard fan like myself, you have to experience the game at this level. It really brings an appreciation to the game and the players that can't be found at a major league game. The second purpose of this is to invite all of you to our annual ACS Baseball Night at Victory Field. It will be held on July 19th at 7:00 pm. Tickets are a mere \$7! If you are interested, please contact Brian Mathes (mathes@lilly.com) or myself (lward@franklincollege.edu) by July 10th. It's a great night of socialization with fellow chemists, and you just might spark a passion in a child. Or rediscover that 8-year old in yourself...

Lindell Ward, Indiana Section Chair



Dr. Steven Nawrocki presented "Helping the Dead Speak with Forensic Anthropology" at the Indiana Section's April Meeting held at the University of Indianapolis

Mark your calendar now! Celebrate the Chemistry of Toys!

National Chemistry Week activities will be held at the Children's Museum of Indianapolis on Saturday, November 5, from 10 am to 3pm. This year's theme is "The Chemistry of Toys". We're planning some new activities this year that should be lots of fun. Watch for the Fall Accelerator for details about this year's program. Scheduled activities include the High School Chemistry Competition, Kids and Chemistry hands-on workshops, the Eli Lilly and Company Chemistry is a Blast program, and activities by local industries and universities. We're also working on a toy drive for the holidays, and having some super slimy fun. More details coming in the October Accelerator.

Share your passion of chemistry with the public! Volunteer for National Chemistry Week!

Our National Chemistry Week activities would not be possible without dedicated volunteers like YOU. Please consider helping with pre-event activities or volunteering for one of the many events at the Children's Museum. Some volunteer activities will only take a couple hours of time, and many come with free admission to the Children's Museum during NCW.

Before National Chemistry Week:

- 1) Be a coordinator of 20-50 volunteers for the event. Involves talking with volunteers to see how they would like to help, creating a schedule of volunteers and the hours they'll work, and serving as a point of contact for volunteers during NCW. Training will be provided.
- 2) Provide cool chemistry items for the InfoZone Library display.
- 3) Help with museum set-up on Friday, November 4.
- 4) Volunteer to be a media contact for any television spot requests.
- 5) Put up NCW posters at your workplace or local school.
- 6) Perform chemistry demonstration shows or career day talks at local schools.

Volunteers needed on November 5 for the following:

- 1) 2-3 volunteers needed for check-in area from 8 am - 10:30 am.
- 2) Volunteers needed to staff NCW table. You pick a time.
- 3) Volunteer needed to hang and remove signs throughout the museum.
- 4) At least one volunteer needed to read chemistry and toy-related book(s) during story time at InfoZone in the Children's Museum. Time commitment approximately 1 hour.
- 5) One volunteer needed to check safety of NCW exhibitors to ensure that they are following the museum safety rules from 9:30 am - 10:30 am.
- 6) Judges needed for high school contest. You pick time between 10:30 am and 2 pm.
- 7) Get your company or school involved with National Chemistry Week. Encourage them to have a booth or a workshop. We can help you come up with great activities for you to do!

For more information about volunteer opportunities or NCW events, contact Julie O'Brien at jtobrien@iquest.net, or by phone at 317-276-4356.

High School Chemistry Competition Grand Prize \$250!

The 14th Annual High School Chemistry Hands-on Activities and Demonstration Competition, sponsored by the Indiana Section of the American Chemical Society, will be held at The Children's Museum of Indianapolis on **Saturday, November 5, 2005**. The aim of this competition is to foster an increased awareness of chemistry among young children under the age of 12 through hands-on activities and demonstrations. High school teams of a maximum of **eight students** will develop simple hands-on activities and demonstrations with a common chemical theme and perform the activities for youngsters attending the Children's Museum. This year, judging criteria will be weighted to prefer those school that have child-friendly activities related to the theme "**The Chemistry of Toys**". Please submit your ideas as soon as possible. Space is limited to **10 schools**, and priority will be given to the earliest submissions. If you are interested in participating or if you have questions, please **email Julie O'Brien at jtbrien@iquest.net for an electronic form to complete**.

PRIZES: All participants will receive a National Chemistry Week t-shirt and a certificate of participation. First place teams will receive **\$250** and a trophy, second place will receive **\$150** and a trophy, and third place will receive **\$75** and a trophy.

A special thanks to our Corporate Sponsors Dow AgroScience and Eli Lilly and Company for supporting this event.



Going to the Fall National Meeting? Check out these Events:

DIVERSITY IN THE CHEMICAL ENTERPRISE PRESIDENTIAL SYMPOSIUM

In conjunction with the celebration of the 10th anniversary of the ACS Scholars Program, the ACS Division of Business Development and Management (BMGT) is sponsoring a Presidential Symposium entitled, "The Business Case for Diversity in the Chemical Enterprise," at the ACS Fall National Meeting. Co-sponsored by the Division of Professional Relations (PROF) and the Committee on Minority Affairs (CMA), the symposium will be held on Monday morning, August 29, from 10:00 – 11:30. Dr. Shirley Ann Jackson, President, Rensselaer Polytechnic Institute, will address issues raised in her pivotal report, "The Quiet Crisis." Lynne Schmidt from PPG Industries, Kathy McDonald from Dow Chemical, and William Gipson from Procter & Gamble will present their perspectives on the following questions:

- What has been the business value of diversity to your organization?
- What arguments have you made to build a consensus and to persuade people to support diversity efforts?
- How should people wanting to encourage their organizations to support diversity approach decision makers and what kinds of support is it appropriate to request?
- How can one gracefully respond to the first "No" such that the door is still open for continued dialogue?

Women Chemists Committee (WCC) Meeting Highlights

Join the American Chemical Society's Women Chemists Committee (WCC) during the ACS 230th National Meeting in Washington, DC. August 28-September 1, 2005. The WCC will sponsor and cosponsor symposia, as well as host several social events. Below is a highlight of several activities planned. For more information about the WCC, visit the Web site at <http://membership.acs.org/W/WCC/>.

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WCC Meeting Highlights (Continued from page 3)

WCC Open Meeting
Saturday, August 27
5:00 PM to 6:00 PM

WCC Local Section Networking Luncheon
Sunday, August 28
12:00 Noon to 1:30 PM

WCC Women in Industry Breakfast
Monday, August 29
7:30 AM to 9:00 AM

WCC/Eli Lilly Travel Awards Poster Session
Tuesday, August 30
11:30 AM to 12:00 Noon

WCC Social Hour & Luncheon
Tuesday, August 30

HIST SPONSORS CONCERT AT ACS MEETING

The ACS Division of the History of Chemistry (HIST) and The Chemical Heritage Foundation will sponsor a free Piano Concert at the 230th National Meeting of the American Chemical Society, Tuesday evening, August 30th, 2005, at the Washington DC Convention Center. Ms. Victoria Bragin, who won the prestigious Van Cliburn International Piano Competition for Outstanding Amateurs in 2002, will perform (see program below). Ms. Bragin will also present a commentary on the musical compositions of chemist-composer, Alexander Borodin, preceding the performance of the Borodin works. Please check the final program for the exact time.

Program subject to change.

- Beethoven, Sonata in E-flat, Op. 31, No. 3
- Borodin, "Au Covent" from "Petite Suite"
- Borodin, Scherzo in A-flat

INTERMISSION

- Chopin, Sonata No. 3 in B Minor

This concert is free. Seats are limited, first come – first served.

LAURA L. KIESSLING TO LEAD MAJOR INITIATIVE IN CHEMICAL BIOLOGY

The American Chemical Society (ACS) has announced the appointment of Dr. Laura L. Kiessling as editor-in-chief of ACS Chemical Biology, a new publication scheduled to launch in 2006.

ACS Chemical Biology will provide a new central forum for the interface of chemistry and biology, emphasizing the use of rigorous chemical and biological approaches to solve problems in living systems. This monthly publication will offer rapid communication of peer-reviewed, primary research, supplemented by mini-reviews, concept articles, perspectives, news features and highlights from other ACS journals.

ACS Chemical Biology will seek to support the chemical biology community by providing venues for the exchange of ideas and approaches and by creating a dynamic Web gateway that allows users access to high quality information. The new publication aims to assume a leadership role in delivering and highlighting significant research in this innovative field.

Kiessling is recognized as a leading voice and pioneer in the field of chemical biology. From her laboratory at the University of Wisconsin, Kiessling said, "The synergistic progress in these disciplines renders chemical biology a vibrant and vital field. I want to use this initiative to help foster communication between chemists and biologists while at the same time conveying the significance of their research to a broad readership. ACS Chemical Biology represents an important advance for this field. This new publication is something I am proud and excited to be a part of."

More details are soon to follow on this innovative new title from ACS Publications! You can stay up to date on the latest information on ACS Chemical Biology at www.acschemicalbiology.org.

July 19th is Local Section Night at Victory Field

The Indianapolis Indians take on the Syracuse Sky Chiefs!

*Tickets are \$7 each
RSVP by sending your check to:*

**Brian Mathes
Lilly Corp. Center
DC 0528
Indianapolis, IN 46285**

• Payment due no later than July 8th, tickets will be mailed to your home address. If your tickets do not arrive by game day, meet Brian at the SE gate at 6:45 PM.



An Award-Winning Crowd Gathered at Butler University for the
2005 Awards Ceremony on May 3

Please Join us for an Educational Wine Tasting Experience

*“The Chemistry of Wine”
presented by Bill Oliver*

August 25, 2005

6:30 PM

Oliver Winery

8024 North State Road 37

812-876-5800



*No cost to members,
Non-member fee, \$10*

-Space is limited-

RSVP to Martha White at 317-276-4506 by August 19th



Mark your calendar for these -
UPCOMING EVENTS!

- July 19th - Local Section Night at Victory Field, \$7 per ticket
RSVP to Brian Mathes no later than July 8th (see
advertisement inside newsletter)**
- August 25th - “Chemistry of Wine” at Oliver Winery, members free,
non-members \$10. RSVP to Marty White at 217-276-4506**
- September 20th -2005 Career Night at University High School**
- October 10th – Poster Session at Dow AgroSciences**
- November 5th – National Chemistry Week Celebration “The Joy of Toys” at
the Indianapolis Children’s Museum**

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