

**The Women Chemists Committee,
Detroit Local Section presents
March Section Meeting
Kerri LeVanseler, Ph.D. speaks on**

*“Safe Supplements for Athletes
and for You and Me”*

Date: Wednesday, April 25, 2012
Time: 5:30 PM Refreshments
6:00 PM Presentation
Location: Madonna University
Franciscan Center Lecture Hall
Room S100

There is a high level of interest today in the beneficial impacts of a healthy diet. If what we eat can make us feel better, stronger, sleep soundly, be happier, less likely to catch a cold, or help us to avoid chronic diseases, why don't we all just eat right? For a large segment of the population, eating only the “good stuff” and avoiding the “bad” is no easy task. Other people may be making all the right choices for fueling their body but may be looking for an extra edge that diet alone is not fulfilling. This is where supplements come in. For some, taking a pill that provides all the vitamins, minerals and other healthy chemicals your body needs, may sound much easier than eating all those fruits and vegetables. For professional athletes, having the building blocks needed for top level performance in a concentrated form certainly has allure. But as with anything that sounds too good to be true, there is a

(Continued on page 2)

(Continued from page 1)

need to be cautious. You want to make sure that the supplements used are safe.

The Chemistry Laboratory at NSF International performs a wide variety of analytical determinations with much of the testing being related to third party assessment of products against public health based certification standards developed following American National Standards Institute guidelines (ANSI). In the area of dietary supplements, NSF/ANSI 173 is the applicable standard. The standard includes formulation review, auditing of the manufacturing facilities, and testing of the products to verify that the dietary supplement product or raw material contains the ingredients claimed on the label or certificate of analysis and that the products do not contain specific undeclared contaminants.

This presentation will provide a brief overview of the current regulations relating to dietary supplements in the United States and address the key points of concern related to quality, contaminants and safety.

Dr. Kerri LeVanseler holds the position of Technical Manager of the NSF Chemistry Laboratory in Ann Arbor, Michigan and has been working for NSF International for over twelve years. She holds a Ph.D. in Analytical Chemistry from Wayne State University, and a Bachelor of Science in Chemistry from the University of Michigan. At NSF, she manages a talented group of scientists involved in diverse projects including method development, exposure scenarios, trace contaminant determination, and protocol design, to name a few. Her expertise lies in the analysis of a wide range of analytes, including, but not limited to, vitamins, heavy metals, and pesticides, in various sample types. An area of focus involves expanding the capabilities of the laboratory in the analysis of dietary supplements, natural products, foods and pharmaceuticals. Prior to joining NSF International, Dr. LeVanseler held positions in a number of different organizations including Diversey, Detroit Diesel, the Detroit office of the Food and Drug Ad-

(Continued on page 3)

(Continued from page 2)

ministration, a small metal alloy laboratory and a family operated water testing lab.

Madonna University is located at 36600 Schoolcraft Road in Livonia, Michigan. Parking at the Franciscan Center is open for all visitors. For those who wish to attend, a Dutch-treat dinner at a local restaurant will follow the presentation.

University of Michigan Chemical Engineering Graduate Symposium

Dear ACS Members,

We would like to invite you and your members to join the University of Michigan Department of Chemical Engineering at the first annual Chemical Engineering Graduate Symposium. If you could share the information below as well as the attached flyer with your members, we would really appreciate it!

The University of Michigan Chemical Engineering Graduate Symposium will be held on Tuesday, c, 2012 in the Gerald R. Ford Presidential Library, University of Michigan--North Campus. Through the symposium, we will highlight and celebrate the research of current graduate students through both oral and poster presentations. Oral presentations will be given by PhD Candidates within 18 months of graduation.

For a tentative schedule and up to date details about the symposium, please refer to the webpage: <http://che.engin.umich.edu/graduateprogram/gradsymposium2012>

Please RSVP for the symposium before Tuesday, April 3 here: <https://www.engin.umich.edu/form/chesymposium12>

Additionally, we are still looking for more funding for the symposium. If your company would be willing to sponsor a portion of the symposium, please notify us here: <https://www.engin.umich.edu/form/chesymposium12sponsor>

We look forward to seeing you in May!

Sincerely,

UMich ChE Graduate Symposium Planning Committee



Chemists Celebrate Earth Day “Rethinking Recycling – It’s Easy to Be Green!” Earth Day is April 22, 2012

The American Chemical Society (ACS) observes Earth Day with the Chemists Celebrate Earth Day (CCED) program. The events bring together members, chemical educators, students and the community to illustrate the positive role that chemistry plays in the world.

The Detroit Section of the ACS is excited to join the Earth Day event at the Detroit Zoo. The CCED program at the Detroit Zoo will include hands-on experiments and live demonstrations on **Saturday, April 21 from 10 AM to 2 PM**. If you are interested in participating, please contact Denise Grimsley at denise.grimsley@basf.com.

<u>Index of Advertisers</u>	<u>Page</u>
Detroit Section, ACS	7
Dobrusin Thennisch	7
Micron, Inc.	7
NuMega Resonance Labs	7



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Featured Events - April, 2012

Jobs in Startups – Differences and Similarities to “Real” Companies

[April 5, 2012 -- 2 PM ET] Risks and rewards; learn what it takes to be part of the startup culture! Gain insights with Heidi Friedman, Boston Heart Diagnostics, and Dr. Chris Palatucci, Palatucci Executive Search, LLC; moderated by Dr. Judith Giordan, ecosVC.

“DoE Quantum to the Continuum: Opportunities for Mesoscale Science”

[April 12, 2012 -- 2 PM ET] A short presentation followed by Q&A with speakers Douglas Tobias, Professor of Chemistry at UC Irvine, John Hemminger, Chair of the Basic Energy Sciences Advisory Committee, and John Sarrao, Co-Chair of the U.S. Department of Energy Basic Energy Sciences Advisory Committee (BESAC) Meso subcommittee.

“The Chemistry Magic Behind Popcorn” [April 19, 2012 -- 2 PM ET] A short presentation followed by Q&A with speaker Dr. Sara Risch, Director of R&D and QA for Popz Europe, a microwave popcorn company.

“Madness of King George” [April 26, 2012 -- 2 PM ET] A short presentation followed by Q&A with speaker, Dr. Martin Warren, University of Kent, UK.



**For more information, please visit our website at:
<http://2012cerm.sites.acs.org>**

**American Chemical Society – Detroit Local Section –
Younger Chemists Committee Presents:**

Brewing Chemistry

Detroit, Michigan

Brewing Chemistry is a monthly lectures series. These informal talks are designed to make science fun and accessible for all. The lectures take place at 7 p.m. on the third Tuesday of every month at:

**Traffic Jam & Snug, 511 West Canfield Street, Detroit, MI
48201**

There is no admission charge, and free parking is available. Feel free to join us before the talk at 6:00 PM for a dutch-treat dinner.. For more information, contact Meghann at 313.993.1259 or meghann@brewingchemistry.com

Tuesday, April 17th, 2012 at 7 PM

Who's in my Lab?

Gibb's Free Energy Meets the Ohm

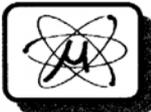
Presented by:

Kevin O'Mara, Owner of Midwest Analytical Services, Inc.

Midwest Analytical Services, Inc. (MAS) is known for material testing including wastewater, groundwater, wipes, hazardous waste, sludge, polymers, resins, asbestos, contaminated soil and air. Kevin O'Mara will discuss the dynamics of working together in a laboratory or other work settings. Adult spend a third of their lives at work on average. This talk will explore the psychology of the workplace at both scientific and non-scientific organizations.

www.brewingchemistry.com

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Calendar of Upcoming Events

Second Tuesday of the Month: Section Executive Committee Meeting – The April Executive Committee Meeting will be held at the Lawrence Technological university, Science Building. The meeting will start at 7:00 PM .

Third Tuesday of Every Month: Brewing Chemistry. Please see <http://brewingchemistry.com> and page 6 for information on April event.

April 22: Chemists Celebrate Earth Day, please see page 4 for details.

April 25: Section Meeting, please see pages 1 – 3 for details

May 1: University of Michigan Chemical Engineering Graduate Symposium, please see page 3 for details.

May 19: Section Meeting, details To Be Announced (TBA)

June 5-9: CeRM (Central Region ACS 2012 Meeting) sponsored by the Detroit Section. Please see pages 5for details.

October Tri-Sectional Meeting, please see page 9 of February Chemist for preliminary details

November 1: ANACHEM Symposium, details TBA

November 10: Annual Chemistry Day

November Section Meeting, details TBA



<u>Table of Contents</u>	<u>Page</u>
April Section Meeting	1-3
University of Michigan Chemical Engineering Graduate Symposium	3
Chemists Celebrate Earth Day	4
Index of Advertisers	4
April ACS Webinars	5
CERM: 100 Years of Chemistry in Detroit	5
April Brewing Chemistry	6
Business Directory	7

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