

# The Detroit Chemist

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Mary Kay Heidtke, Editor

mkheidtke@aol.com Phone: 313-843-7855

## *The Detroit & Huron Valley ACS Local Sections Jointly Present An Evening With:*

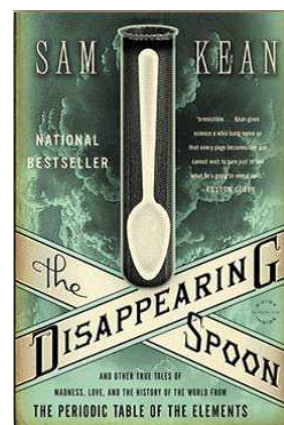


**Thursday, September 24, 2015**

**7:00 PM**

Strong Hall Auditorium  
(located on West Circle Drive)  
Eastern Michigan University  
Ypsilanti, MI 48197

<http://www.emich.edu/maps>



*This event is free and open to the public. Hors d'oeuvres will be provided!*

*RSVP appreciated: [huronvalleysciencecafe@gmail.com](mailto:huronvalleysciencecafe@gmail.com)*

### **Abstract**

Why did Gandhi hate iodine? Why did the Japanese kill Godzilla with missiles made of cadmium? How did radium nearly ruin Marie Curie's reputation? And why did tellurium lead to the most bizarre gold rush in history? The Periodic Table is one of our crowning scientific achievements, but it's also a treasure trove of passion, adventure, betrayal, and obsession. *The Disappearing Spoon* delves into every single element on the table and explains each one's role in science, money, mythology, war, the arts, medicine, alchemy, and other areas of human history, from the Big Bang through the end of time.

*Please see Speaker Biography on page 4 and program flyer on page 7*

# ANACHEM NEWS

## FACSS Distinguished Service Award Presented to Keith Olson



Three FACSS Distinguished Service Awards will be presented at the SciX Conference this year in Providence, RI. One of those awards will be presented to Keith Olson, the current president of ANACHEM. The presentation will take place on Thursday, October 1, 2015.

The FACSS Governing Board presents a Distinguished Service Award to an individual who has demonstrated exceptional, long-term service to the FACSS organization. Typically, that person has served with excellence in many different capacities and has contributed to the continuing success of FACSS through consistent dedication and sacrifice.

Keith attended his first FACSS / SciX conference in 1982 when he served as the assistant chair for the Continuing Education Committee. He continued as the FACSS Continuing Education Chair for three years, from 1983 to 1985. He then served as the FACSS Governing Board Secretary for six years, from 1987 to 1993. During those years the FACSS conference resumed a rotation policy that now takes the SciX Conference to locations across North America. During those years the FACSS organization also transitioned from an all-volunteer federation to a management structure that led to the creation of the FACSS National Office.

Over the past decade (2004 – 2015) Keith has been a delegate to the FACSS Governing Board from ANACHEM. ANACHEM is proud to present its annual award at the SciX conference. Since 2004 Keith has been actively involved in arranging for the award and the award symposium. For more information visit:

<http://facss.org/awards/facss-distinguished-service-award>

# Detroit Local Section of the American Chemical Society

## Younger Chemists Committee Presents:



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 7:00 PM 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](mailto:meghann@brewingchemistry.com)

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**Tuesday, September 15th, 2015 at 7:00 PM**

## **Current Drug Topics**

**Presented by:** Kimberly Zebrowski, Forensic Scientist,  
Michigan State Police Crime Lab in Sterling Heights

Kimberly Zebrowski has been working as a Forensic Scientist for the Michigan State Police (MSP) for 12 years in the Controlled Substances Unit and on the Crime Scene Response Team. Her other responsibilities at the lab include coordinating the internship program, laboratory tours, the fitness program, and onboarding new employees. Outside of the MSP, she is a board member of the Midwestern Association of Forensic Scientists (MAFS), a member of the Disaster Assistance Recovery Team (DART), and a teacher of Introduction to Forensic Science at Oakland Community College.

**[www.brewingchemistry.com](http://www.brewingchemistry.com)**

## Speaker Biography September Program Meeting

Sam Kean is the New York Times bestselling author of *The Tale of the Dueling Neurosurgeons*, *The Disappearing Spoon*, and *The Violinist's Thumb*. His first two books were also named Amazon top-five science books of the year. *The Disappearing Spoon* was a runner-up for the Royal Society of London's book of the year for 2010, and *The Violinist's Thumb* was nominated for the 2013 PEN/Wilson award for literary science writing. His work has appeared in the New York Times magazine, *Psychology Today*, *Slate*, *Mental Floss*, and other publications, and he has been featured on NPR's "Radiolab," "All Things Considered," and "Fresh Air." He has given talks on his books in five different countries, and in two dozen different states.



### **ANACHEM Monthly Seminar**

**When:** September 23, 2015  
**Where:** University of Detroit - Mercy  
Commerce & Finance Building, Room 138  
**Time:** Pizza and refreshments at 5:00 PM - Seminar Starts at 5:30 PM

**Seminar Topic:** Fast Chromatography Strategies to Improve Productivity

**Seminar Description:** A two-part seminar will be presented by two application specialists from Agilent. Carl Griffin will discuss fast HPLC methods, and Eric Pavich will discuss fast GC methods.

We will look at what can be achieved when exploring different carrier gases and high efficiency columns. Carrier gas modifications and column dimensions are easy ways to save time and even money in increasing our laboratory throughput. Using different tools available to us, we can modify our methods quickly and feel confident in achieving the same high quality of chromatography we are used to. We will discuss the pros and cons of modifications and even look at some new supplies such as the Self-Tightening Column Nut and Pre-Swaging tools, which can make our lives a little bit easier.

Directions to U of D Mercy: [www.udmercy.edu/about/campus/locations](http://www.udmercy.edu/about/campus/locations)  
Look for additional seminar information and updates at ANACHEM website  
[www.anachem.org](http://www.anachem.org)



## ACS-WCC September Meeting

**Title:** Foundations of Investing  
**Speaker:** Ashley A. Yashin  
**When:** Wednesday, September 30, 2015  
**Time:** 6:00 PM Pizza and refreshments  
6:30 PM Presentation  
**Where:** Lawrence Technological University  
Room S302, Science Building

### Abstract

“Foundations of Investing” is an educational program geared to people who want to overview of investing, including key terms and investment types. “Foundations of Investing” covers the basic features of bonds, stocks and mutual funds and the importance of asset allocation.

### Biography

Ashley Yashin is a financial advisor at Edward Jones in Ann Arbor, MI. She received her MBA degree from James Madison University in Virginia, and started her commercial lending/banking career at Comerica Bank in Detroit. She received several high achievement awards in business banking in a successful 15-year career as Vice President. She decided to pursue her long-term career dream and moved to Edward Jones from Bank of America Merrill Lynch. She currently manages the Edward Jones branch on the Southwest side of Ann Arbor. Ashley describes her daily work as her passion for connecting with and helping people achieve their retirement goals.

Ashley is a member of the Maia Chapter of the American Business Women's Association and serves as the first Vice President of Newcomers Coterie Club of Ann Arbor. She enjoys volunteering at the Ann Arbor Symphony Orchestra. She received several community awards such as The Excellence Award for contributing to "Our Unique American Culture" from the International Institute of Metropolitan Detroit and the Leadership Award from the Turkish American Cultural Association of Michigan as public relations and marketing chair.

Pizza and refreshments will be served. If you have any questions, please contact Hulya D. Ahmed at [hulya.ahmed@basf.com](mailto:hulya.ahmed@basf.com)

*For more information about the event, please see program flyer on page 8*

For directions to the event, please see <http://www.ltu.edu/map/>



## Save the Date

**ANACHEM/SAS Symposium** will be held on

Thursday, November 5, 2015

Burton Manor, Lavonia, MI.

### **2015 Symposium Program**

- AM Educational Workshop LC/MS 101 presented by Waters Assoc.  
Academic Research presentations  
Award Symposium presentations  
Plenary Lecture David Clemmer the 2014 ANACHEM Awardee
- PM Educational Workshop LC/MS 102 presented by Waters Assoc.  
Academic Research presentations  
Mass Spectrometry presentations  
Poster Session

There will be an exhibit of instruments and supplies. Registration is online!

For more information on the event please visit ANACHEM website at

[www.anachem.org](http://www.anachem.org)

# SAM KEAN

*The Tale of the Dueling Neurosurgeons* | *The Violinist's Thumb* | *The Disappearing Spoon*



The Huron Valley and Detroit  
American Chemical Society Chapters Presents:

## SAM KEAN

*The Disappearing Spoon*



*The Periodic Table is a crowning scientific achievement, but it's also a treasure trove of adventure, betrayal, and obsession. These fascinating tales follow every element on the table as they play out their parts in human history, and in the lives of the (frequently) mad scientists who discovered them. THE DISAPPEARING SPOON masterfully fuses science with the classic lore of invention, investigation, and discovery—from the Big Bang through the end of time.*

Join the Huron Valley and Detroit ACS for an evening with Sam Kean!

September 24<sup>th</sup>, 2015 7:00 PM

Strong Auditorium, Eastern Michigan University

Please visit [http://www.emich.edu/maps/campus\\_map.pdf](http://www.emich.edu/maps/campus_map.pdf) for parking information

*This event is free and open to the public. Hors d'oeuvres provided!*

RSVP appreciated

[huronvalleysciencecafe@gmail.com](mailto:huronvalleysciencecafe@gmail.com)



ACS  
Chemistry for Life®

Science Cafés









## Calendar of Upcoming Events

**Second Tuesday of the Month:** Detroit Section Executive Committee Meeting - from September through May (except December). Meetings start at 7:00 PM and are currently held at Lawrence Technological University. For additional information contact Professor Shannon Timmons, [stimmons@ltu.edu](mailto:stimmons@ltu.edu)

**Third Tuesday of Every Month:** Science Café - Brewing Chemistry at Traffic Jam & Snug Restaurant at 7:00 PM. For latest information, please see <http://brewingchemistry.com>

**Fourth Tuesday (most months):** Planning meetings for 2017 CERM at University of Detroit-Mercy. Please contact Professor Mark Benvenuto at [benvenma@udmercy.edu](mailto:benvenma@udmercy.edu) for details.

**September 15th:** Brewing Chemistry at Traffic Jam & Snug, 7:00 PM, topic “Current Drug Topics”. Discussion is presented by Kimberly Zebrowski, Forensic Scientist, Michigan State Police Crime Lab in Sterling Heights. Please see page 3 for details.

**September 23rd:** ANACHEM monthly seminar—Fast Chromatography Strategies to Improve Productivity Seminar presented by two application specialists from Agilent. Carl Griffin will discuss fast HPLC methods, and Eric Pavich will discuss fast GC methods. Please see page 4 for details or visit <http://www.anachem.org/>

**September 24th:** Detroit and Huron Valley Joint Local Monthly Meeting- “An Evening with Sam Kean”. Event will take place at Eastern Michigan University campus at 7:00 PM. Please see pages 1 and 7 for details.

**September 30th:** ACS-WCC Meeting featuring “Foundations of Investing”. The speaker is Ashley Yashin, financial advisor at Edward Jones. The event will be held at Lawrence Technological University at 6:30 PM. Please see pages 5 and 8 for details.

**October 1st:** FACSS Distinguished Service Award presented to Keith Olson at SciX conference in Providence, Rhode Island. Please see announcement on page 2. Congratulations Keith!

**October 18th—24th:** National Chemistry Week. Detroit Local Section activities will be announced in October edition of The Chemist.

**October 20th:** Brewing Chemistry at Traffic Jam & Snug, 7:00 PM, topic To Be Determined. Please visit [www.brewingchemistry.com](http://www.brewingchemistry.com) for updates.

**November 5th:** ANACHEM/SAS Symposium at Laurel Manor in Livonia. Morning and afternoon sessions—details may be found on page 6 or visit <http://www.anachem.org/>

**November 7th:** 11th Annual Girl Scout Chemistry Day. For more information or to volunteer please contact [mkheidtke@aol.com](mailto:mkheidtke@aol.com)

**November 20th:** Senior Chemists Behind-the-Scenes Tour of Detroit Institute of Arts in Detroit. More details to follow in October edition of The Chemist. RSVP will be required—limited seating available.

## Calendar of Upcoming Events

**Second Tuesday of the Month:** Detroit Section Exec. Committee Meeting – held at Lawrence Tech 7:00 PM.

**Third Tuesday of Every Month:** Brewing Chemistry. Please see <http://brewingchemistry.com> for information on upcoming topics.

September 15: Brewing Chemistry at TJ&S

September 23: ANACHEM Seminar

September 24: Monthly Meeting

September 30: ACS-WCC Meeting

October 1: FACSS DSA Presentation at SciX

Oct 18-24: National Chemistry Week

October 20: Brewing Chemistry at TJ&S

November 5: ANACHEM/SAS Symposium

November 7: Girl Scout Chemistry Day

November 17: Brewing Chemistry at TJ&S

November 20: DIA Behind the Scenes



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