

American Chemical Society – Kalamazoo Local Section {(Bi)monthly}? Newsletter

May 9, 2011

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Comments from the Chair

Doug Williams

Thank you for reading our newsletter this year. David and I have enjoyed your comments and encouragement. Our leadership team has supported us by helping to create announcements and news for you to read. We've launched a new MS Users Group under Andre Venter's leadership. Since January, we've had monthly activities to feature local developments in small business and environmental issues in conjunction with IYC 2011 themes. We sponsored a distinguished and entertaining tour speaker. Our ongoing outreach and award programs to local schools have continued to emphasize the importance of the study of chemistry. As we approach the summer pause in our programs, we ask, are we making a difference?

I welcome your comments, ideas and, most of all, your participation. The best way for you to support and influence what we do is to get involved. Right now we are seeking a chair-elect to replace me as chair in 2012. I promise to help as needed next year as past-chair. By this September, nominations will open for election of Secretary (2012-2013), Councilor (2012-2014) and Chair-elect (to become chair in 2013). If you are interested in a more specific role, we are looking for helpers to coordinate National Chemistry Week activities (October 16-22) and updating our section archives. See the Volunteer Opportunities link on our web site <http://www.wmich.edu/acs/> for details and, please, let us know if you are interested. We dearly need new (and old) leaders to step forward.

KACS website:

<http://www.wmich.edu/acs/>

Do you have questions, comments, or would like to contribute to this newsletter? Send an email to:

ACSkzoo@gmail.com

Upcoming events at a glance (May 2011)

- **May 13** – Home – the Movie,
7:00 pm, Kalamazoo College,
Dow Science Center, Room
226

- **May 14** – Home – the Movie,
8:00 pm, Western Michigan
University, Wood Hall, Room
1001

- **May 23** – Annual Awards
Reception, Western Michigan
University, Chemistry Building
Lobby, 6 pm reception, 6:45
pm awards

Do you have an event
that you would like to
have listed in this
newsletter? Send an
email to:

ACSkzoo@gmail.com



HOME
A FILM BY
YANN ARTHUS-BERTRAND

HOME – The movie

David Bolliet

The Kalamazoo Local Section of the American Chemical Society is inviting Kalamazoo residents to enjoy the movie 'HOME', directed by French photographer Yann Arthus-Bertrand and narrated by Glenn Close. HOME is the first major film about climate change that has been made using only aerial photography.

HOME is a visually stunning and spectacular voyage around the world. It is a unique film that approaches the current debate about climate change from a whole new angle, giving viewers the opportunity to see for themselves how our earth is changing.

Spanning 54 countries and 120 locations, all seen from the air, the film captures the Earth's most amazing landscapes, showcasing its incomparable beauty and acknowledging its vulnerability.

HOME is a non-for-profit film project, produced by the French film director and producer Luc Besson (Europacorp), Denis Carot (Elzevir Films) and supported by the PPR group.

HOME will be shown at two **FREE** events:

- Friday, May 13, 2011 at 7 pm (Kalamazoo College, DOW Science Center, Room 226)
- Saturday, May 14, 2011 at 8 pm (Western Michigan University, Wood Hall, Room 1001).

(Can't make it to these two big screen showings?
HOME can be watched online on [YouTube](#))

Please send an email to ACSkzoo@gmail.com if you have any questions.

Announcements

Pennies for PUR™ Water

Doug Williams

As part of our celebration of the International Year of Chemistry, ACS is collecting donations to support Children's Safe Drinking Water, a foundation that is distributing low-cost water purification chemicals throughout the world. Look for us to collect donations at our local events through the rest of this year. More information about the program is online at [Pennies for PUR™ Water](#).

MS User Group Update – Andre Venter

Andre Venter

Our next event is tentatively planned as an outdoor poster session near the end of July. Details are to be determined. Meanwhile, all interested members are invited to follow updates on the MS User Group at the following Linked In web page: <http://tinyurl.com/4535ewr>

Spring Awards Reception

Doug Williams and Lydia Hines

Members are invited to attend our annual awards reception at the WMU Chemistry Department on Monday, May 23. The reception will begin at 6 pm and awards presentations will begin at 6:45 pm. Awards will be presented to outstanding teachers and students from local high schools and colleges, competitive chemistry exam winners and member for service and longevity.

Earth Day 2011

Kalamazoo Section ACS Chemists Celebrate Earth Day 2011

Lydia Hines

On Saturday, April 16, 2011, our Kalamazoo Local Section (represented by Lydia E. M. Hines, Wallis G. Hines and P. Douglas Williams) for the 5th consecutive year participated with the Kalamazoo Nature Center at their Earth Day Event. Typical of April weather in Michigan, it was not only cold, it was also rainy; as a result our indoor activity/literature table was not as busy as in other years but we served about 200 patrons young and older. At that event we also began our publicity of the PUR water ACS-wide fund-raiser project initiated to provide for clean water in under-served areas worldwide (a community service which coincides with the Water sub-theme for the International Year of Chemistry).

Among our visitors were four individuals who visit area schools to present “earth-friendly” science programs so they were very pleased to have our Celebrating Chemistry publication to distribute to their students/teacher contacts. We also presented the international nature of our events during 2011.

It is always exciting to see the various levels of interest that are expressed when “Chemistry” or “Chemical” is noticed on our Banner or apparel – all who stop by hear encouragement to continue to be curious, to understand that science is a way of understanding the world around them, and to a one they are engaged in our hands-on experiment – the response is – “Is this really chemistry? It’s Fun!”

An e-mail sent to area K-12 teachers, and a posting on our Section website, requested their students’ participation in an illustrated poem competition on the theme of Energy - sponsored by the National ACS office; this netted one response from the Kazoo School (teacher Janice Russo) from an 8th grade student. Though the entry was not a national winner, the young lady was given a certificate and a furry Meg.A.Mole.

Announcements

Science Café – Renewable Energy in Michigan

Doug Williams

On April 28, approximately 25 local members and public audience heard excellent presentations from Lloyd LeZotte and Art Toy of Four Elements Energy (Lawrence, Michigan) on solar and wind power installations in Michigan and from five KVCC teachers and administrators of their program to design and build a wind turbine in a 15-week class (twice!). Check the past events summaries on our [web site](#) for more details and links to portions of the program. Lloyd and Art would like our members to know that Four Elements Energy gives Lunch & Learn presentations to local groups and companies as well as more targeted talks to leadership teams. See <http://fourelements-energy.com/> for contact information.

Sudoku Challenge – March Winners

Congratulations to **Kate Shaw**, **Jeff Fleming**, and **Kevin Douglass** for submitting their winning entries to the March Sudoku challenge. They each received a \$5 gift certificate to The Big Burrito, located at 5036 W. KL Ave.

Thanks to all who participated in this challenge. Below is the solved puzzle.

Up to the task for another Sudoku challenge? Go to page 6 of this newsletter for your chance to win a prize...

Difficulty: Evil

4	7	3	2	9	1	6	5	8
9	5	1	8	6	7	2	3	4
6	8	2	5	4	3	9	1	7
1	3	6	7	2	5	4	8	9
7	4	5	9	3	8	1	2	6
2	9	8	4	1	6	3	7	5
8	6	9	1	7	2	5	4	3
5	1	4	3	8	9	7	6	2
3	2	7	6	5	4	8	9	1

Solution: Newsletter, 2011, 1(3)

Sudoku challenge

Solve the puzzle, win a prize!

Here's how to win a prize:

- 1) Solve this Sudoku puzzle on your own.
(please, **do not use** an online Sudoku solver)
- 2) Email the solved puzzle to ACSkzoo@gmail.com
- 3) Submission deadline is May 23, 2011.
- 4) Prizes will be awarded to the first 3 correct entries (entries must be from Kalamazoo Local Section ACS members who have not won a prize in one of the two most recent newsletters).
- 5) Winners and solution will be announced in the next newsletter.

Have fun!

<u>First Name:</u>	<u>Last Name:</u>
<u>Email address:</u>	

Difficulty: **HARD**

5	6				9	2	
8				6	7	1	
			1			6	
	4	7					5
			8		7		
1					3	2	
	3				4		
	2	9	7				4
4	1				2	9	

New to Sudoku? Click on the [link](#) to learn the few basic rules of the game.