



NEWSLETTER

Oklahoma Section American Chemical Society

Volume 21 Number 3

<http://oklahoma.sites.acs.org/>

November 2015

Section Meeting

Wednesday 11 Nov 2015

HOW FAR IS THE FRONTIER?

My 25 years in the State of Oklahoma!

Fazlur Rahman

Oklahoma School of Science and
Mathematics



It is less than glorifying to note that Oklahoma ranks 47th in education in the nation. In STEM education the statistics are no better for reasons well known to many. As a science researcher, educator and a mentor, the author will share his tale of unique experiences. Dr. Rahman will share a glimpse of his two and a half decades effort to infuse the interest of chemistry in the form of classroom teaching, chemical research, outreach initiatives, the Chemistry Olympiad and engineering competition.

continued on page 2 with the speaker's biographical sketch. →

Oklahoma State University

207 Wes Watkins Center, Stillwater, OK 74078
(big globe at corner of Washington & Hall of Fame)

**Park in lots 9A, 99C, or 99D
next to Wes Watkins**

6:00–6:30 pm Social Half Hour

6:30–7:30 pm Dinner

7:30–8:30 pm Presentation (room 101-102)



OSU campus map



OSU parking map

map & info:

<http://geosys.okstate.edu/interactive-maps/campus-map.aspx>

Dinner Reservation Information

Buffet Menu Catered by the Rib Crib

Boneless Chicken
Brisket
Cowboy Beans
Potato Salad
Peach of Blackberry Cobbler
Ice Tea and Lemonade

Cost

\$25 members
\$10 students

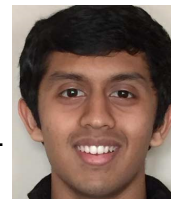
RSVP Deadline

Friday 06 Nov 5 pm
Contact: Allen Apblett
405-744-5943
allen.apblett@okstate.edu

RSVP is NOT required to attend the presentation.

2015 CHEMISTRY OLYMPIAD RESULTS

SOORAJNATH BOOMINATHAN
FROM OSSM WINS SILVER
MEDAL AT THE INTERNATIONAL
CHEMISTRY OLYMPIAD



continued on page 2, Chemistry Olympiad. →

THIS YEAR WE ARE HOLDING OUR NCW EVENT AT SCIENCE MUSEUM OKLAHOMA!

When: Saturday 07 November 2015
9:00 am to 2:00 pm

Where: Science Museum Oklahoma
2100 NE 52nd St, OKC
(52nd and MLK, next to the OKC Zoo)

**We need volunteers as well as ideas
for displays, demonstrations, and presentations.**

For information to volunteer, contact:

Michael Ferguson (405-974-5391) jferguson@uco.edu

Please let him know how many people you are bringing and/or what displays and demonstrations you would like to bring. We need to let SMO know how many people are coming, what we will be bringing, and how many tables we will need to use. The deadline for letting them know is Friday, November 6 at 1 pm. Anyone who is bringing materials or chemicals can either bring them on Friday, Nov 6 after 3 pm or at 9 am on Saturday, Nov 7. (There will be a secure room for storing items overnight.)

Shawna York

shyork@mail.snu.edu

will be the on-site coordinator.



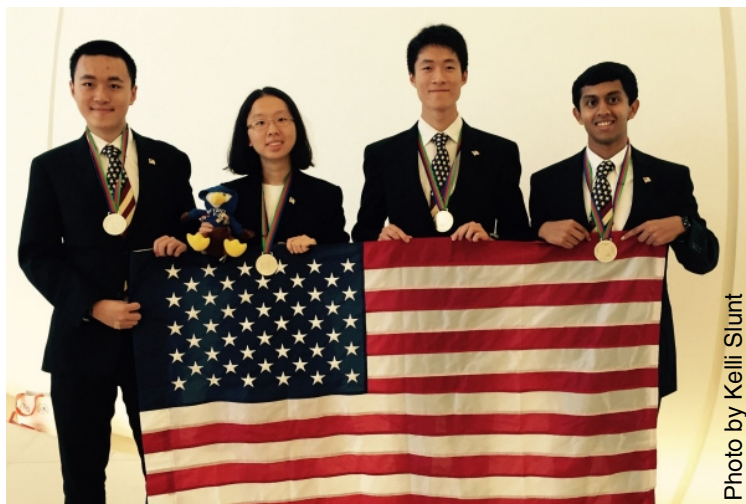
OK ACS SECTION ELECTIONS

Ballot in this Newsletter

Cast Ballots due on or before 5 PM on 11 Nov

(Chemistry Olympiad, continued from front page)

US CHEMISTRY OLYMPIAD TEAM WINS 1 GOLD AND 3 SILVER MEDALS!

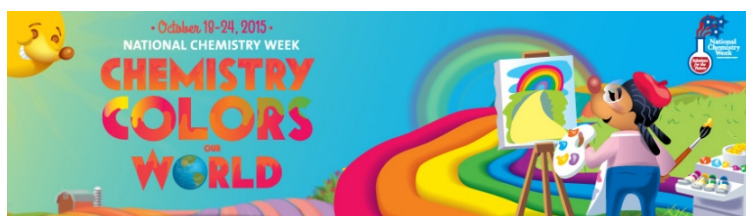


Left to Right: B. Cai, J. Ong, D. Wang, S. Boominathan

U.S. National Chemistry Olympiad program proudly announce the success of the Alpha Theta Team at the 47th International Chemistry Olympiad competition, which concluded July 29, 2015 in Baku, Azerbaijan.

David Wang of Monta Vista High School, CA, won the seventh highest ranking gold medal as well as the highest score in the lab practical examination. Soorajnath Boominathan of Oklahoma School of Science and Mathematics, OK, Bryce Cai of Barrington High School, IL, and Janice Ong of Thomas Jefferson High School for Science and Technology, VA, each earned a silver medal.

The USA Team competed against 286 students from 74 countries. Congratulations Team USA for this great achievement!



SOLICITING NOMINATIONS

Oklahoma Section Awards for Undergraduate Students

- The *Roger Baldwin Graduate Student Award* provides \$500 for students entering graduate school in chemistry or a chemistry related field. The application deadline is May first every year.
- The *Terrill Smith Travel Award* is a grant of up to \$600 for travel to present a paper or poster at a national or regional ACS meeting. The application deadline is 4 weeks prior to the meeting start date.

For more information and forms please visit the web site:

<http://oklahoma.sites.acs.org/undergraduateawards.htm>

—Chuck Rice (Awards Committee)



(Speaker—continued from front page)

Fazlur Rahman Biographical Sketch

Dr. A. K. Fazlur Rahman teaches ACS standard General Chemistry and Organic chemistry sequences at the Oklahoma School of Science and Mathematics in Oklahoma City. He started his teaching career in 1981 as a lecturer/Assistant Professor at Jahangirnagar University in Bangladesh. He came to Oklahoma in 1991 to work as a post-doctoral research fellow at the University of Oklahoma with Professor Kenneth Nicholas. He joined OSSM in 1993 and is currently working as a professor of Chemistry. Dr. Rahman did B.Sc (Hons) and M.Sc (with distinction) from Jahangirnagar University. He received an M.A in Organic Chemistry at Brandeis University (1983-85), and a Ph.D (1985-89) in Organometallic Chemistry, at the Australian National University. Dr. Rahman worked as a Junior Australian Research Council (ARC) Fellow at the University of Tasmania from 1989-1990. He was the recipient of the Stanford University Teacher Tribute Award for exceptional teaching (2003), the Sigma-Xi distinguished teaching award (2005), the American Chemical Society (ACS) South West Regional Award (2009), the Research Opportunity Award from EPSCoR NSF in 2009 and 2015. Dr. Rahman was also recipient of the prestigious Oklahoma Chemist award in 2015. Dr. Rahman received fellowships from the Ames Laboratory (1990-91), National Renewable Energy Laboratory (1995), and Phillips Petroleum Company (1996-97). He has held visiting positions at the University of Rochester (1998), Texas A&M (2012) and at the California Institute of Technology (2013). Dr. Rahman has published more than 22 papers and has made more than 56 research presentations at national and international conferences. Apart from the Oklahoma School of Science and Mathematics, Dr. Rahman has been teaching chemistry at the University of Oklahoma and the University of Central Oklahoma.

61TH ANNUAL PENTASECTIONAL MEETING

Friday & Saturday 08-09 Apr 2016

Wesleyan University

Bartlesville, OK

Hosted by the Northern Oklahoma Section

Check out the section's Website!

<http://oklahoma.sites.acs.org/>



ACS
Chemistry for Life™



CHEMISTRY OLYMPIAD

2016 Calendar

- March 1–31 — Local Section Competitions
- April 19–25 — National Exam (exact date TBA)
- TBA — Study Camp
- July 20–29 — 48th IChO Karachi, Pakistan

Contact Tami Martyn for more information

tmartyn@ou.edu

405.325.3751

If your school has not participated before please contact Tami so she knows that you are interested and has good contact information.

Collecting historical documents of the Oklahoma ACS section

This is a request for your help.

The centennial year of the Oklahoma section of the ACS is in 2019, as you are no doubt aware. As part of the centennial awareness, we would like to make historical materials available electronically to the membership. This will help make the information readily available to members and to ensure its preservation.

We are writing to ask for your help. Can you donate or lend any of these materials for this project?

- newsletters
- issues of *The Vapor Pressure*
- meeting flyers or announcements
- copies of the minutes and our annual reports
- programs of the state-wide meetings (variously known as the all-state, trisectional, tetrisectional, and pentasectional meetings)
- anything else that may be of interest

If you have interesting stories regarding past happenings regarding chemistry in Oklahoma or the section, we would appreciate if you could share those with us.

Please contact me directly if you can help, or if you know a colleague with a trove of section materials--please forward this request to them. I look forward to hearing from you.

—Lloyd A Bumm, Secretary, OK ACS

Does ACS have your current email address?

Quick facts

- The Oklahoma section of the ACS membership is 551
- Only 532 of you have submitted email addresses to the ACS.
- Of the 532, approximately 21 addresses are undeliverable.

Oklahoma Chemist Award 2016 Call for Nominations

Five (5) copies of a single nomination should be sent no later than **12 February 2016** to:

Dr. K. Darrell Berlin
Chair, Oklahoma Chemist Awards Committee
Department of Chemistry
Oklahoma State University
Stillwater, OK 74078
(405) 744-5950
kenneth.d.berlin@okstate.edu

Criteria and Guidelines for the Preparation of the Nomination and for Selection of the Recipient

1. A nomination letter for the candidate by a colleague, friend, etc.
2. A complete, up-to-date resume of the candidate.
3. A two-page "highlight" of the candidate's major accomplishments.
4. Five (5) letters of support for the nominee.
 - a) Two (2) letters from colleagues at the candidate's place of employment.
 - b) Three (3) letters from outside the candidate's place of employment.

Letters from individuals with expertise in the candidate's field are especially welcomed.
5. Special information on the candidate is also solicited, especially as to how the candidate has advanced chemistry in the state of Oklahoma.
6. Candidates may be involved in research or in chemical education within the state.

SERMACS/SWRM 2015

71th Southwest Regional Meeting 04–07 November 2015

<http://www.2015sermacs-swrn.com/>

Hosted by The Memphis Section (Memphis, TN)

2015 Oklahoma ACS Section Officers and

Standing Committee Chairs

Luis D. Montes	Chair
J. Michael Ferguson	Chair Elect
Paul A. Sims	Immediate Past Chair
Lloyd A. Bumm	Secretary + interim Newsletter ed.
Jason Wickham	Treasurer
Allen Applett	Councilor + Nominations Com.
Nicholas F. Materer	Alternate Councilor
Charles V. Rice	Awards Com.
Tami Martyn	Chemistry Olympiad Com.
J. Michael Ferguson	National Chemistry Week Com.
Cheryl Frech	Public Relations
Nicholas F. Materer	Web Master



L. A. Bumm
Oklahoma Section of the ACS
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The University of Oklahoma
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Norman, OK 73019-2061

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OK ACS web
QR code

Oklahoma ACS Calendar of Events.

Visit the Oklahoma ACS WWW site for the latest information.

<http://oklahoma.sites.acs.org/>

CALENDAR OF EVENTS

2015 Dates & Speakers

Oct (18–24) National Chemistry Week
Chemistry Colors Our World!

Nov (04–07) SERMACS/SWRM 2015
Memphis, TN

Nov 07 (Sat) NCW Event at Science Museum Oklahoma

Nov 11 (Wed) OSU, Fazlur Rahman, OSSM
How Far is the Frontier? My 25 years in the State of Oklahoma!

2016 Dates & Speakers

Feb 25 (Thu) UCO, Carolyn Fisher, McCormick & Co., Inc.
Spices and Herbs: Chemistry & Health

Apr 08–09 (Fri-Sat) 61th Pentasectional Meeting
Wesleyan University, Bartlesville, OK

2019 Oklahoma Section Centennial