



# Richland Section American Chemical Society

FALL 2008

JUST  
WHERE  
DOES  
GASOLINE  
COME  
FROM?



(and what is octane?)

Featuring **Frankie Wood-Black**

Tuesday, October 14, at 5:30 PM

Columbia Basin College, Pasco, Gjerde Building



**ABOUT THE TALK:**

This talk is for general audience to provide some insight into the petroleum refining industry. The talk will cover from the delivery of the crude oil to the refinery to the ultimate delivery of gasoline and diesel to the corner station. It will cover the general processes involved - separation, reforming, hydrocracking, cracking, and blending. In addition to the science and chemical engineering aspect some of the economic aspects that effect the price and local air quality will also be covered.



**ABOUT THE SPEAKER:** Since 2002, F. (Frankie) Wood-Black has been the Director, Business Services for Downstream Technology at Phillips. Prior to 2002, Wood-Black was the Technology Services Marketing Manager and was responsible for in-sourcing research and development activities into the Bartlesville Technical Center. Prior to the Technology Services position, she was the Quality Assurance Team Leader at the Borger Refinery and NGL Center. Wood-Black began her career with ConocoPhillips in 1989 in Bartlesville, Oklahoma, as a research scientist for research and development. In 1994, she was transferred to the Woods Cross Refinery as an environmental scientist whose job responsibilities include regulatory compliance for air, Community-Right-to-

*continued on page 2*

[http://www.pnl.gov/acs/images/CBC\\_GjerdeCenter.png](http://www.pnl.gov/acs/images/CBC_GjerdeCenter.png)

Know and the Toxic Substance Control Act. She was transferred in 1998 to Corporate Health, Environment and Safety in the Property Risk Management Group, to become site manager for non-operating sites before her relocation to Borger, Texas in 1999.

Originally from Klamath Falls, Oregon, Wood-Black received a Bachelor of Science degree in physics with a minor in chemistry from Central State University (now the University of Central Oklahoma), Edmond, OK in 1984. She attended Oklahoma State University and received a doctorate in physics in 1989 and completed

her MBA in December 2002. Frankie has been active in numerous professional activities and is serves as the ConocoPhillips representative on Corporation Associates of the American Chemical Society. She is a contributing editor of the Journal for Chemical Health and Safety. She has 1 patent, 10 technical publications, and has co-authored a book entitled **Emergency Preparedness Planning, A Primer for Chemists**. She is also involved in community activities as she works with the local Pony Club Chapter, the Boy Scouts and currently serves on the Ponca City Economic Development Advisory Board.

## RICHLAND SECTION AWARDS

The Richland ACS Section was named a finalist for seven ChemLuminary awards, presented at the Fall 2008 National ACS Meeting in Philadelphia. Of the seven, the section received three awards:

### ACS STUDENT AFFILIATES CHAPTER INTERACTION AWARD FROM THE SOCIETY COMMITTEE ON EDUCATION

The Society Committee on Education recognizes local sections that have developed outstanding chemical education activities during the previous calendar year. Other finalists were the New York and Salt Lake Local Sections. The Richland Section involved the Students Affiliates Chapter at Eastern Oregon University in all the facets of its activities, including the organization of the Undergraduate Programming at NORM '07, supporting travel, and providing networking opportunities for the students.

### CHEMLUMINARY AWARD FOR DIVERSITY FROM THE JOINT SUBCOMMITTEE ON DIVERSITY

Other finalists were the Rochester and Savannah River Local Sections. This award recognizes a local section or division that facilitates and encourages policies and programs that foster inclusiveness, advancement, and

recognition of underrepresented groups in the chemical sciences. The Richland Section's Joint WCC and Minority Affairs Committee participated in the Northwest Regional Meeting by creating programs that addressed the interests of women and minorities. This committee also drove outreach activities including the "Girls in Science" program and career workshops that focus on small, rural communities and Native American communities.



*From left are Wayne Jones (Chair of Local Section Activities Committee), Richland Section members Janet Bryant, Anna Cavinato, Timothy Hubler, Richard Hermens, and Past ACS President Katie Hunt.*

### BEST ACTIVITY OR PROGRAM IN A LOCAL SECTION STIMULATING MEMBERSHIP INVOLVEMENT FROM THE COMMITTEE ON LOCAL SECTION ACTIVITIES

The Committee on Local Section Activities recognizes local sections for outstanding overall performance and for excellence in individual programs

or activities. Other finalists were the Minnesota and Northeastern Local Sections. The three-year planning of the 2007 Northwest Regional Meeting by the Richland Local Section resulted in the formation of the Snake River Local Section. In addition, it stimulated members to serve on the organizing committee and created outreach opportunities to businesses in the Boise area.

Other categories where Richland Section was named a finalist:

- Outstanding Regional Meeting - NORM 2007 (Won by CERMACS 2007)
- Outstanding Outreach to Girls or Young Women (Won by Nashville)
- Creative and Innovative Use of the Chemists Celebrate Earth Day Theme (Won by Virginia)
- Outstanding Performance by a Local Section – Medium Size Category (Won by Midland)

Also notable, Greg Lumetta of PNNL, in his role as Chair of the Division of Industrial and Engineering Chemistry, Inc., accepted the ChemLuminary Award for Recognition of Innovation and Outstanding Service to Members of a Division from the Committee on Divisional Activities.

**Report by Janet L. Bryant**

## RICHLAND SECTION CELEBRATES 60 YEARS - NOVEMBER 8

# “THIS IS YOUR LIFE A CELEBRATION OF SIX DECADES OF SERVICE”

### DINNER TICKETS

**\$35 Adults**

**\$20 Students**

**Tickets On Sale October 1**

The Richland Section will host a symposium and dinner to celebrate the 60<sup>th</sup> Anniversary of its founding in 1948. The event will be held at the Hanford House Red Lion in Richland, WA. The event will be held on **Saturday, November 8, 2008**. The schedule of events is as follow:

<b>12:00 - 2:00pm</b>	<b>Symposium I</b>
<b>2:00 - 2:30pm</b>	<b>Break</b>
<b>2:30 - 4:30pm</b>	<b>Symposium II</b>
<b>4:30 - 6:00pm</b>	<b>Poster session/mixer</b>
<b>6:00 -9:00pm</b>	<b>Dinner, Program and Entertainment</b>

Symposium speakers are being finalized at this time and details will be forwarded to all members soon. We plan on having variety of speakers that will appeal to a wide variety of members. Request dinner tickets by contacting Novella Bridges, [nnbridges@hotmail.com](mailto:nnbridges@hotmail.com), or call her at (509) 967-0096.

## FROM THE CHAIR *Novella Bridges*

Thank you all for a successful first half of the year! This year we were nominated for an unprecedented seven ChemiLuminary Awards at the Fall Meeting in Philadelphia, PA. You will see an article in the newsletter with all the details.

We have several events to close out the remainder of the year:

- National Chemistry Week, October 19-25, 2008
- Two Seminar Speakers, details in the newsletter
- 60<sup>th</sup> Anniversary Celebration

Please be on the look out for details about National Chemistry Week. Our chairperson, Kayte Denslow will send an email blast with details about the activities for the week.

This year marks, our sixtieth anniversary of the section, we have wonderful event planned for the section. Please mark your calendars for Saturday, November 8, 2008. Please see above for all event details!

In addition to all the events, we have some new development to inform you about from the society. As many of you may know already, the society has decided to change the status of student affiliates to full members. Also, as a Board we are recommending that the section change to electronic voting. We are asking that each member that does not already have an email address please acquire one by February 15, 2009. Then go to the link below and sign into the Member Network. There you can update your member information.

[http://portal.acs.org/portal/acs/corg/networkLanding?nfpb=true&pageLabel=PP\\_MNLANDING&nodeid=2127&use\\_sec=false](http://portal.acs.org/portal/acs/corg/networkLanding?nfpb=true&pageLabel=PP_MNLANDING&nodeid=2127&use_sec=false)

Thanks again for a wonderful year! – *Novella*



## ACS PRESIDENTIAL DEBATE

The debate was recorded and interested members can hear the two candidates, Joseph Francisco and Joseh Michl, discuss their visions for the future of the society and their candidacy for the post. The debate took place via “Science Studio” a long-running radio show featuring

interviews with practicing scientists. Keith Pannell of the department of chemistry at the University of Texas, El Paso, hosted the debate. The recording of the debate can be accessed at [www.sciencestudio.org](http://www.sciencestudio.org) and [www.ktep.org](http://www.ktep.org).

## 60 YEARS - NOVEMBER 8

### 60th Anniversary Symposium

HANFORD HOUSE, RED LION INN

Speakers • Poster Presentations • Dinner

#### CONTACT

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## FEDEX® SHIPPING DISCOUNTS

NEW! ACS members can now enjoy significant savings on envelope and small parcel shipments sent via FedEx(r). All ACS members can receive discounts up to 26% on domestic and international shipments sent via FedEx®, and up to 20% on printing and copying services at FedEx Offices. For more information, and to enroll online, go to:

[www.partnership.com/65ACS/](http://www.partnership.com/65ACS/)

#### ACS SHORT COURSES

Check out the selection of upcoming ACS Short Courses at [www.acs.org/shortcourses](http://www.acs.org/shortcourses).

## COMING EVENTS

OCTOBER 14 **FRANKIE K. WOOD-BLACK**, ConocoPhillips, *Just where does gasoline come from? And what is octane?* Talk to be held in the Gjerde Building at CBC's Pasco campus

NOVEMBER 8 **60TH ANNIVERSARY OF RICHLAND SECTION CELEBRATION**, Hanford House, Red Lion Inn, Richland, WA

NOVEMBER 12 **RALPH O. ALLEN**, U. of Virginia, *Forensic Science: Developing Analytical Techniques for Terrorism and the Courtroom*. Talk to be held in La Grande, OR

Richland Section  
Home Page

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#### Point to Ponder

Be careful about reading health books. You may die of a misprint. – Mark Twain