The 13th Annual ChemLuminary Awards celebration was held in conjunction with the ACS National Meeting in Denver, CO, on August 30, 2011. The Richland Section was a finalist for eight (out of 40 categories) and won six of the awards for work completed in 2010. Way to go! Anna Cavinato and Janet Bryant prepared a poster describing the Richland Section activities that was posted during the ACS meeting. Anna, Janet, Sam Bryan, and Richard Hermens attended the awards ceremony.

For additional information and to hear and view the excitement, visit the ACS website link at 13th Annual ChemLuminary Awards http://acs.labworks.org/news/chemluminary2011.html

ACS Richland Section members pictured receiving one of the six of 40 ChemLuminary awards in Denver, Colorado with (from l to r) Lynn Hogue (Chair of CCA), Anna Cavinato, Janet Bryant, Sam Bryan, and Joe Francisco (ACS Immediate Past-President).

Photo by Peter Cutts
Photography ©2011
Asanga Padmaperuma 2010 Section Chair

2010 was a very busy year for the 550-chemist Richland Section that spans parts of three states in the Pacific Northwest!

The Richland Section continued its multi-community outreach, with particular support to the next generation of scientists. We organized and participated in 10 different outreach activities for our members and the general public, supported students at two academic institutions to attend ACS national and regional meetings, and provided seminars well attended by the local public. We carried out all these activities while maintaining a fiscally responsible budget.

The impact of Richland’s Women and Minorities Committee to reach women and minorities of all ages was far reaching in 2010. In April student members and chemistry faculty at Eastern Oregon University hosted every Monday afternoon a group of twenty-five fourth and fifth grade Talented and Gifted students from a local elementary school. The unit explored chemistry and nutrition and each week focused on a different subject related to fats, proteins and carbohydrates. Children learned about nutritional labels, measured fat content of chips, and tasted many types of foods and drinks for presence of sugars and proteins.

“Girls in Science” continues to be our top NCW and D&I outreach event. Inspired by the NCW theme “Behind the Scenes with Chemistry” and the popular techno-thriller novel by Michael Crichton “Andromeda Strain”, the event engaged over 100 girls on the campus of Eastern Oregon University on October 22, 2010 in finding out whether the sudden death of a Halloween party guest was possibly due to an alien attack. In addition, we also hosted a “Saturday Science” day in Pendleton, OR for children from the nearby Confederated Tribes of the Umatilla Indian Reservation to teach about nutrition.

We supported one project SEED student at Eastern Oregon University, organized a nuclear science merit badge and a chemistry merit badge for scouts, we judged over 45 chemistry projects at the Mid Columbia Science Fair, and twelve of our members participated in many capacities in the DOE Regional Science Bowl that brought over 32 teams from Washington and Oregon high schools to compete.

Our membership was very active in all activities involving education and interaction with students, our 2 Student Member Groups from Eastern Oregon University & Columbia Basin College – with key activities throughout the year.

We published 4 successful newsletters and maintained and updated our website. We sponsored seminars & held our annual joint membership picnic with AIChE for membership celebration, collaboration and outreach.

Activities Promote Section Involvement, Community Service & Diversity
NEWEST ACS FELLOWS JANET BRYANT & GREGG LUMETTA

Congratulations to new ACS Fellows Janet Bryant and Gregg Lumetta! The local section is very proud of Janet and Gregg who were nominated and confirmed as 2011 ACS fellows. They are among 213 scientists who were recognized at an induction ceremony on August 29th at the 242nd ACS National Meeting for outstanding accomplishments in chemistry and contributions to ACS.

Janet Bryant has had a 30-year multidisciplinary chemistry career at PNNL focused on integrative solutions to international science issues related to nuclear materials, their management and related regulatory and national security policies. For the past decade, she has played key roles in deployment, operational support and configuration management of sensor technologies for the Department of Homeland Security. Bryant earned a master’s degree with emphasis in Organizational Behavior from the University of Washington, and a bachelor’s degree with honor in Chemistry from Elmhurst College in Illinois.

Gregg Lumetta has been responsible for planning and executing various applied and fundamental research projects related to radiochemical separations processes. Lumetta serves as a member of Technical Expert Group for DOE’s Office of Environmental Management and is focus area lead for the Transuranic Recycle Technology Focus Area of the Sustainable Nuclear Power Initiative at PNNL. He also served as PNNL technical lead for the Department of Homeland Security Threat Awareness and Characterization Thrust Area. Lumetta earned a doctorate degree in Inorganic Chemistry and a bachelor’s degree in Chemistry from University of Missouri-St. Louis.

FALL CAREER FAIR

The Richland Section is planning a career fair in November for college and high school seniors. Planning is still continuing. The goal is to have contractors and their representatives share information to students on job opportunities and career pathways. Volunteers are needed, contact Aruna Arakali: aruna.arakali@urs.com. Check the ACS Richland website for details: http://acs.labworks.org/.

IYC & 50 YEAR CELEBRATION

Mark your calendar for Friday November 18th, 2011 to celebrate the International Year of Chemistry (IYC) AND our 50-year members. We will also recognize the 2010 and 2011 ACS Fellows from our section: Jean Futrell, Bruce Kay, Yong Wang, Janet Bryant, and Gregg Lumetta.

Time and location are being finalized. Check the Richland Section website http://acs.labworks.org/ and your e-mail for updates.

WATER QUALITY EXPLORATION

Five La Grande area teachers (grades 6 – 8) will work with the Richland Section to explore local area water quality. Anna Cavinato received a $500 grant from the Division of Analytical Chemistry for the Water Quality Exploration Project. The Richland section will match $200. The funds will be used to purchase monitoring kits for conducting simple water monitoring activities.

The teachers will be encouraged to post their results on the IYC website. This is an on-going activity beginning this fall and continuing into next year.

DIVERSITY LUNCHEON & SYMPOSIUM

Novella Bridges organized the Diversity Luncheon on Monday, June 27, 2011 at NORM 2011 in Portland, OR. The keynote speaker, Joyce Harris, Director of Equity Programs for Education Northwest, provided engaging and passionate tales of her efforts to provide training and technical assistance to K-12 public schools in the areas of race, gender and national origin equity.

The luncheon was followed by the symposium, “A Chemist’s Perspective: From Every Walk of Life in Tribute of the Stanley C. Israel Diversity Award”. Our own Janet Bryant provided data from an ongoing NSF project and an ACS Challenge Grant for IYC 2011 speaking to the topic, “Are women still underrepresented in science?”.

Raychelle Burks (University of Washington) presented her views on “Scientist is a social career”; Barbara Belmont (NOGLSTP) shared her personal story of “Marching to her own drum”; and Dennis Fantin (CA Polytechnic State University) fascinated with “Personal reflections on diversity in the chemical sciences” showcasing tools for blind chemists.

We thank our sponsors: ACS Department of Diversity Programs; ACS Division of Professional Relations (PROP); ACS Women Chemists of Color Initiative (NSF Grant #1027608); and the ACS National Women Chemists Committee.

SATURDAY SCIENCE IN ONTARIO

Join Anna Cavinato in Ontario, Oregon for Saturday Science for Kids on November 12th.

Anna received an IYC education grant of $750 to provide a Saturday Science project for a charter school in Ontario.

The project is centered around the four IYC themes: environment, health, materials, and energy.

Contact Anna Cavinato for more information: acavinat@eou.edu.

FUN AT ACS PICNIC

Fun times were had on July 15th at the beautiful Sacajawea State Park. ACS teamed with AIChe for fun, food, and entertainment. Approximately 50 to 75 people attended the picnic inclusive of children and spouses.

Food was great (hamburgers, hot dogs provided by AIChe) and ACS provided drinks, condiments, etc. Many attendees provided fruit and desserts to share.

Music was provided by a band of several chemical engineers and our own ACS emeritus member Marvin Hyman.

Don’t miss next year’s picnic—look for announcements starting in May 2012.

GYRILS IN SCIENCE

The tenth annual Girls in Science event is slated for the campus of Eastern Oregon University on Saturday, October 22nd, 2012. The topic this year is “Death by too much of a good thing?” and will involve investigations connected to the 2011 National Chemistry Week “Chemistry—Our Health, Our Future!”.

Contact Anna Cavinato for more information: acavinat@eou.edu.

IN MEMORIAM

Dr. Kotra Krishnamurty, 85, passed away in Pasco in December 2010. Dr. Krishnamurty was retired from U.S. Testing in Richland. Besides chemistry, he also had a passion for Indian classical music and Hindu scriptures. He had composed several songs and self-published his compilations on the subject. He was a 50-year ACS member.
11 COMING EVENTS

OCTOBER 22
*Girls in Science*

NOVEMBER 12
*Saturday Science for Kids in Ontario*

NOVEMBER 18
*IYC and 50-Year Member Recognition Celebration*

UPCOMING SECTION BOARD MEETINGS

All board meetings will meet at the rooms listed below at the WSU-TC CAMPUS:

- **OCTOBER 12** - CIC ROOM 223
- **NOVEMBER 9** - CIC ROOM 223
- **DECEMBER 14** - TWST ROOM 247

MEETING TIME: 6-7:30PM

LEARN MORE ONLINE  http://acs.labworks.org

AFFILIATE MEMBERSHIPS

Do you have friends or acquaintances that would enjoy receiving the Section newsletter or taking part in Richland Section activities, but for whatever reason don’t want to join the National ACS? Then a SECTION AFFILIATION membership is for them!

Local Section Affiliates have almost the same rights and privileges as regular ACS members. However they cannot vote for elective positions, on articles of incorporation and bylaws, nor can they hold an elective position. The yearly cost for Richland Section affiliate membership is $10.

Contact Anna Cavinato for more information: acavinat@eou.edu.

LEARN MORE ONLINE  http://acs.labworks.org

Visit the section website for up-to-date calendar items & more information

http://acs.labworks.org

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