

AUGUST 2024

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## SUMMER SOCIAL

**August 24 at 1:00pm - Badger Mtn. Park, Shelter 2**  
350 Keene Court, Richland, WA 99352

MAP: <https://maps.app.goo.gl/nFyTAa5QS7dK7hgm8>

You are all invited to attend this family and dog friendly social. ACS Richland will provide grill items, drinks, and cutlery, and we encourage a potluck style event (i.e. bring an item to share!) All Section members and their families are invited. Additionally, please invite anyone, including early career chemists, who you think would like to learn more about the local section and the ACS. We look forward to seeing you there! For questions, please contact Sonia Alcantar, email: [salcantaranguiano@gmail.com](mailto:salcantaranguiano@gmail.com).

**RSVP HERE:**

<https://forms.gle/4p7GxzuwuRkQpUGG7>

### CHAIR'S CORNER by Shirmir Branch



Greetings Members! We are already more than half-way into 2024, and what a year it has been for the Richland Section! As you will see highlighted in this newsletter, we have been very busy organizing social, outreach, and technical events to serve our members and the local community within the Richland Local Section area. A special thanks to our executive committee who continue to work diligently to provide opportunities for member engagement. To highlight one of our initiatives, our Section, supported by the Local Section Member Engagement and Enhancement Grant, was able to host a variety of events throughout the Tri-Cities area for the whole family to enjoy. For outreach, the Section has continued its collaborations with the REACH Museum and the Pasco Farmers Market, showcasing to the local community how chemistry is a part of our everyday lives. In addition to event programming, the Richland Section has also worked to promote the good works of its members by

nominations for ACS Regional and National Awards. We encourage our members to share their accomplishments so we can continue to promote the great work our members do in their careers and for the community. We also want to share the accomplish the great works or our student chapters for the amazing things they do for their academic institutions and local community. The hard work of our students has helped the Richland Section to be nomination for FOUR ChemLuminary Awards to be announced at the National Meeting later this month in Denver! The time is also drawing near for nominations to be put forward for the 2025 Richland Section Executive Committee. As always, the Section is designed to serve its members through support throughout your careers and community engagement. We hope to see you at future events, next being our summer picnic on Aug 24th and at our hybrid executive committee meeting on Sept 11th. If you have any questions, please don't hesitate to contact [shirmir.branch@pnnl.gov](mailto:shirmir.branch@pnnl.gov).



# RICHLAND SECTION FINALIST FOR CHEMLUMINARY AWARDS

## LOCAL SECTION MEMBER ENGAGEMENT AND ENHANCEMENT GRANT (LS-MEET)


The Richland Section applied for and received a \$2,000 grant from the national ACS organization to expand opportunities for engagement with section members. The three family friendly activities which were held were:

Wheat Head Brewing where we learned about the beer making process and enjoyed a pint with lunch.

Db Studio where we had the opportunity to be hands-on in making holiday ornaments and glass art pieces.

CPCCo Planetarium where we enjoyed 3 planetary shows and learned about constellations, our planet, and volcanoes.

If you are interested in volunteering in future events or have ideas for events our membership will enjoy participating in, please reach out to any of our officers. Their email address are given on our website, [acsrichland.org](http://acsrichland.org).



Our Local Section has been selected as a finalist for four ChemLuminary Awards. ACS ChemLuminary Awards honor the best examples of programming, outreach, and operations from ACS local sections. We have been nominated in the following categories:

- **Fostering Interactions between Local Sections and Student Chapters**
- **Outstanding NCW Event for a Specific Audience**
- **Outstanding Public Outreach Event Organized by a Student Group**
- **Outstanding Performance by a Local Section – Medium Small Size Category Award**

The first three nominations stem from the support that the Richland Section provides to its student chapters located at Columbia Basin College (CBC) in Pasco and Eastern Oregon University (EOU) in La Grande, OR. The section provided financial support for EOU students to attend the ACS Spring Meeting and student groups participated in several events organized by the section throughout the year. 'Investigators of Science', a day-long event held on the EOU campus was nominated for the "Outstand NCW Event for a Special Audience'. Participants were challenged to investigate a 'zombie' mystery with activities that included the NCW theme 'The Healing Power of Chemistry'. The first ever Saturday Science event in the Tri-Cities area was nominated for the 'Outstanding Public Outreach Event Organized by a Student Group'. This event took place at CBC and was titled 'Eclipse Explorers'. The event was the culmination of several interactions between the EOU Student Chapter and students from the CBC chemistry club interested in starting a Student Chapter and organizing an outreach event.

Finally, the section is also finalist for the 'Outstanding Performance by a Local Section' for all the exemplary achievements during its 75th anniversary year. This period was marked by a dynamic range of activities and initiatives that profoundly enhanced the section's commitment to DEIR, boosted community engagement, and provided innovative educational opportunities, setting a remarkable example for other sections.

The winners will be announced during the ACS Fall 2024 in Denver at the ChemLuminary award ceremony which will take place on Tuesday, August 20, at the Sheraton Denver Downtown.

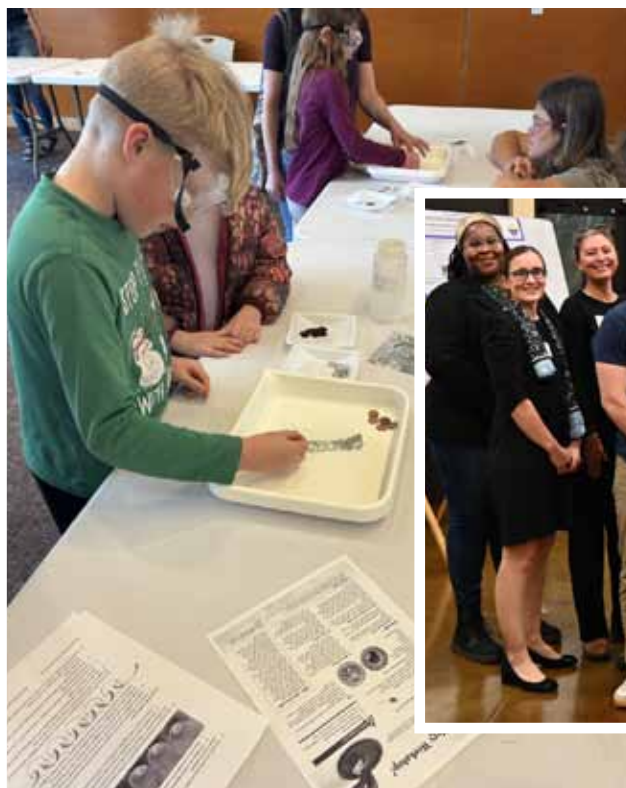
Congratulations to all the volunteers who worked so hard and made it possible to organize so many remarkable events.

# EASTERN OREGON CHEMISTRY CLUB

As we enter the heart of summer, many students and educators have the chance to take a breath, unwind, and reflect on the previous year while looking forward to the one ahead. Eastern Oregon University's Chemistry Club had a particularly busy year, even by their standards. They participated in over 30 activities (not counting their regular club meetings), averaging an activity every single week throughout the entire school year.

Events included social activities like bowling and rock climbing, as well as professional development events such as attendance of the Spring National Meeting of the American Chemical Society where ten students presented their research. Club members also participated in the Chem Demo Exchange at the national meeting where chapters across the country shared their favorite chemistry demonstrations.

The majority of the activities were service events. These included many, many magic shows, along with science activities at school carnivals and other venues. Gallons of liquid nitrogen ice cream were served, flames in colors spanning the visible range of the electromagnetic spectrum illuminated classrooms across the region, and countless pairs of safety goggles were worn by individuals ranging in age from those barely old enough to walk to those preparing to retire. The club is ever grateful for all the support provided by the Richland Section, and is looking forward to another busy year.



# CROSSWORD PUZZLE - CHEMISTRY IN ACTION

**ABOUT THE AUTHOR** Robert Pike is a professor of chemistry at The College of William & Mary. He is an inorganic chemist with interests in Materials for Sensors and Catalysts, Metal-Organic Networks Chemistry, X-Ray Crystallography, and Chemistry Education, in addition to creating crossword puzzles.

## Chemistry in Action Robert D. Pike

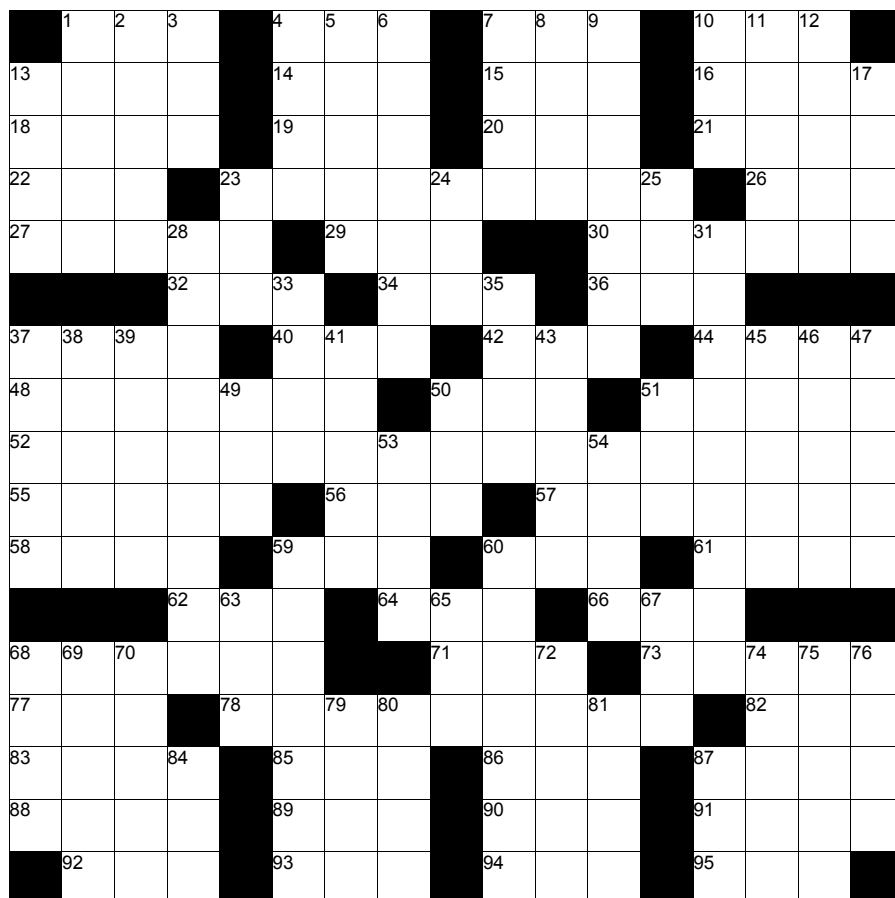
### ACROSS

1. Undergarment
4. Jerry Rice holds this NFL record, abbr.
7. Program for your phone
10. Fed Chair 2006-2014 Bernancke
13. When doubled, it's a delicious fish dish
14. Bauxite or chalopyrite
15. \_\_\_\_ faim!
16. 602,000,000,000 molecules, abbr.
18. Sour compound
19. Supporter
20. European peak
21. "Mama Mia" group
22. It's mine in France
23. Skin protection compound
26. Whitney of cotton gin fame
27. An electrode
29. "It's beautiful!"
30. \_\_\_\_ Joe's
32. Program file extension
34. \_\_\_\_ ipsa loquitur
36. Beach memento
37. Elevator door signal
40. \_\_\_\_ deferens
42. Application
44. 27th president
48. Branch of chem.
50. Tavern potable
51. Alternative to YouTube
52. Irresistible chemistry!
55. Friction sound
56. A zodiac sign
57. Apprentice
58. Mrs. Truman
59. Old, old car
60. Nascent nation of 1861, abbr.
61. "Sanford & Son" actor Foxx

62. Before, poetically speaking
64. Born
66. Pod content
68. Caught
71. Comedian Shaffir
73. Take on
77. Apex
78. Redolent compound
82. Scooby's coif?
83. Current units
85. To do this is human
86. Little red book author
87. Bitter compound
88. A big storm
89. Sargasso \_\_\_\_
90. "\_\_\_\_ Gadda Da Vida" (Iron Butterfly)
91. "Planet of the \_\_\_\_" (1968, 2001 films)
92. Morning condensate
93. Walmart founder Walton
94. Animation frame
95. Pig's abode

### DOWN

1. Pork strips
2. Nasal prefix
3. Assistance
4. Soy milk coagulate
5. Clog-busting product
6. Compounds detecting other compounds
7. Not quite closed
8. Washed-out
9. Way to transfer liquid in the lab
10. Polymer additive of current concern, abbr.
11. Place within
12. Kind of gas
13. Baby's first word, often
17. Hangout



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23. Master's & Johnson topic
24. Guevara
25. Gun grp.
28. Clean-up compound
31. Healing compound
33. Type of rte.
35. Takei character on "Star Trek"
37. Special features DVD
38. Become accustomed to
39. Uh-uh's
41. Green/brown lizard
43. Denominations
45. Alkaloid, e.g.
46. Celebrated
47. Considered, with "with"
49. Frat syst.
50. Shakespearean comedy title word
51. By way of
53. An example of 12-down
54. Admiral Ackbar: "It's a \_\_\_\_!"
59. Bill of Rights: "a \_\_\_\_ of grievances"
60. Refractory compound
63. Sports offic.
65. Corn unit
67. Dir. from W&M to ODU
68. Solo dance-goer
69. Wanderer
70. Jobs' & Wozniak's company

72. Pointless
74. Adjust to
75. Not minding one's own business
76. Piggies
79. UFO site \_\_\_\_ 51
80. Bacterium specifier as positive or negative
81. A fossil fuel
84. Stitch
87. A kind of relief

## SCIENCE CAFÉ ON CHEMICAL SAFETY



The Richland Section will be hosting Science Café focused on Chemical Safety with a special presentation from Dr. Frankie Wood-Black (Oklahoma State University) titled, "Perception of Risk - How do you view the world?" The event will be held at the Doris Roberts Gallery room on Tuesday, October 22 at 5 p.m. Attendees will also be able to participate virtually over Zoom. Light refreshments will be provided. Further details will be made available in the coming weeks. For more information please contact: Jared Kroll 509-375-3607, [Jared.Kroll@pnnl.gov](mailto:Jared.Kroll@pnnl.gov).

## UPCOMING EVENTS

**AUGUST 24 FROM 1-5PM**

**SUMMER PICNIC**

**BADGER MOUNTAIN PARK**

More Information: [salcantaranguiano@gmail.com](mailto:salcantaranguiano@gmail.com)

**OCTOBER 20-26**

**NATIONAL CHEMISTRY WEEK**

**PICTURE PERFECT CHEMISTRY**

More Information: [shirmir.branch@pnnl.gov](mailto:shirmir.branch@pnnl.gov)

**OCTOBER 22 AT 5PM**

**SCIENCE CAFE ON CHEMICAL SAFETY**

**RICHLAND PUBLIC LIBRARY, DORIS ROBERTS ROOM**

More Information: [jared.kroll@pnnl.com](mailto:jared.kroll@pnnl.com)

**NOVEMBER 8 - SAVE THE DATE!**

**FALL SOCIAL & AWARDS CEREMONY**

More Information: **coming soon!**

**LEARN MORE ON THESE AND OTHER EVENTS AT**  
**[ACSRICHLAND.ORG/EVENTS](https://acsrichland.org/events)**

## WOMEN CHEMIST & YOUNGER CHEMIST COMMITTEES



The WCC and YCC both hosted activities in April. The Richland Section's WCC hosted a brunch event at Budd's Broiler in Richland to celebrate the diversity and strength of women. Members from the Tri-Cities to Yakima came together to network, inspiring new ideas and community efforts to continued empowering women.

The Richland Section YCC hosted a TED Talk style "Tri-Talks" event at Earth Day at The REACH this April where future scientists spoke to their research on recycling, native plants, and local bugs. YCC Richland Section is currently coordinating a Science Café focused on addressing specific issues facing younger chemists within the ACS. If you are interested to learn more, please reach out to Mickey Rogers, YCC Chair, at: [michaela.rogers016@gmail.com](mailto:michaela.rogers016@gmail.com)

## POINT TO PONDER

*"Education is what remains after one has forgotten everything he learned in school." - Albert Einstein*



**LEARN MORE ONLINE** <https://acsrichland.org>