



**ACS** Local Section  
Portland

AMERICAN CHEMICAL SOCIETY

# Portland Section Meeting Notice

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April 2023

## Identification of dyes used in Chilkat Weaving

a talk by

**Prof. Tami Lasseter Clare, PhD.**

Director of the Regional Laboratory for the Science of Cultural Heritage Conservation  
Portland State University

*The talk will be live-streamed*

<https://www.youtube.com/@acsportlandsection2173/streams>

## Thursday April 13, 2023, 6-9 PM

**Reed College Vollum Lounge**

3203 SE Woodstock Blvd, Portland, OR 97202

[map](#) (use East Parking Lot; Vollum College Center is number 37 on map)

## Dinner Reservations

Dinner reservation FIRM deadline: **Thurs. March 30, 2022 8 AM**

Schedule: 6:00 pm social hour • 6:45 pm buffet dinner • 7:45 talk

- ***Northwest Science Expo Portland Section Special Awards  
Poster Session during social hour***
- ***Presentation of Scholarships***

## COVID PROTOCOLS

Reed College's COVID-19 Prevention & Response Plan below considers the state of Oregon's directives and the Centers for Disease Control and Prevention's (CDC) public health recommendations.

<https://www.reed.edu/coronavirus/>

Arthur Glasfeld, Chair  
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## Bio: Tami Lasseter Clare



Tami Lasseter Clare is an Associate Professor of Chemistry at Portland State University where she teaches a range of undergraduate and graduate courses and is the Director of the Pacific Northwest Conservation Science Consortium, in partnership with five major museums

in the region. With her undergraduate, graduate and postdoctoral trainees, her research efforts are centered on developing new materials and diagnostic tools to prevent and understand the degradation of material cultural heritage, such as artwork and ethnographic materials. Her prior work experience includes post-doctoral work at the Philadelphia Museum of Art and as an instructor at the University of Pennsylvania in the Historic Preservation program. She earned her Ph.D. in chemistry from the University of Wisconsin-Madison in 2005.

## Abstract

***Identification of dyes used in Chilkat Weaving.*** Dr. Tami Lasseter Clare, Portland State University.

In a collaborative project between the Clare Lab at Portland State University, the Alaska State Museum and the Chilkat Dye Working Group, we seek to identify the dyestuffs used in Chilkat weaving, a style of weaving practiced since at least the early 19th century in Southeast Alaska. The presentation will begin with a screening of a documentary called “Weaving our identity”, part of the ReVision Alaska series produced by KTOO and Paige Sparks. In the documentary, the audience will learn about the context of the project from interviews with our collaborators, see Chilkat Dancing Robes being made and understand their importance in the community. In Dr. Tami Lasseter Clare’s presentation, she will present re-

sults from the scientific study of the weavings. The results imply that Chilkat weavers had extensive knowledge of dye materials and practices, utilizing bark and lichen in their dye baths. The results also show that Chilkat weavers made use of synthetic dyes during the time period of the boom of dye chemistry.

## 55th Portland Section Scholarships

The Portland Section Executive Committee approved applicants recommended by the Scholarship Selection Committee of the Portland Section for the 55th Portland Section Scholarship Awards.

The Portland Section awards two types of scholarships: legacy scholarships, which are awarded to junior chemistry majors; and the Dunne-Currie scholarship, which supports under-represented minority sophomores to fund their junior year of college.

There are three legacy scholarships, Van Santen, Zeh, and Anderson, and this year the Executive Committee authorized 2023 excess scholarship funds to be awarded as another legacy scholarship called the Portland Section Award (PSA) scholarship. Each of the four legacy scholarship awardees will receive \$3,000 plus a \$1,000 travel grant to attend an ACS National meeting to present a poster or paper.

This year’s Dunne-Currie scholarship awardee is Abigail Ramirez from Lewis & Clark College. She will receive \$3500.

The four legacy scholarship awardees are:

Owen Beale, Lewis & Clark College,

Van Santen Scholarship;

Marni Asoved, Willamette University, Zeh Scholarship;

Johnathan Dutra, Portland State University, Anderson Scholarship;

Ellie Runkel, Portland State University, Portland Section Award Scholarship.

Prof. Louis Kuo, Scholarship Committee Chair, will present the scholarship awards. Students will

talk for a few minutes about their goals and what inspired them to study chemistry and their future career plans.

We congratulate these students on their selection and wish them the best for their future.

During the 55-year period from 1968 through 2023, 152 outstanding chemistry majors have received scholarships from the Portland Section for an aggregate value of over \$307,000.

To donate to the Scholarship Fund visit the Portland Section Square site at <http://bit.ly/SQU-OSSF> online or mail your tax-deductible donation (check payable to ACS Portland Section Scholarships) to

Robin Terjeson  
2217 NE 179th St., No. 76  
Ridgefield, WA 98642-7929

The Portland Section ACS is a 501(c)(3) non-profit organization.

## Meet Portland Section's New Treasurer Robin Terjeson

In 2008, 25-year Portland Section Member Robin Terjeson moved to Eastern Oregon-Washington and was enrolled in the Richland Section. Prior to that move, however, she was a long-time member of the Portland Section. After her move she served as NOR [ACS Northwest Region] Treasurer beginning in June 2008.

Before Robin's move to Eastern WA she spent 34 years at Clark College in Vancouver, WA where she was a Chemistry faculty member 1978-2005, and served as an instructor 1973-78. She served as Joint Coordinator, Engineering and Science Institute, Washington State University (Vancouver) 2004-05, and Dean of Mathematics, Physical Sciences and Engineering, Clark College, 2005-2007. After her move to eastern Oregon she was a part-time instructor of chemistry at Walla Walla Community College 2008-2020.

During Robin's 50 years as an ACS member, she served as Pauling Medal Award Symposium Chair and co-chair, Award Chair, Section Chair-

Elect and Chair, and co-chair of NORM99 [1999 Northwest Regional Meeting-ACS]. She served three terms as Section Councilor (9 years).

In addition to membership in ACS, Robin is a member of the Div. of Chem Education and Sigma Xi.

## Northwest Science Expo Portland Section Special Awards

The Northwest Science Expo is the state-level science research competition for Oregon. It is affiliated with the Regeneron International Science and Engineering Fair and the Thermo Fisher Scientific Junior Innovators Challenge. All students in grades 5-12 who attend school in Oregon are eligible.

The 2023 Northwest Science Expo will be a hybrid with judges reviewing project materials in advance of the fair and in person interviews at Portland State University. NWSE high school interviews are Monday April 3, 2023.

The Portland Section sponsors two NWSE Special Awards. The Portland Section Special Award recognizes the Outstanding Chemistry Project in the 2023 Northwest Science Expo; The ACS/PICA Special Award recognizes the Outstanding Applied or Practical Chemistry Project by a Junior or Senior. Both awards include a cash award of \$250, a certificate, and an invitation to show their posters at an upcoming ACS dinner meeting. Awardees and their guests dine as guests of the Portland Section.