



# Richland Section American Chemical Society

SUMMER 2010

**ABOUT THE TALK:** The talk will include an overview of wine and wine making and more detailed descriptions of the chemical composition of grapes and wine, laboratory methods for analysis of grapes and wines, sensory and organoleptic methods used for wine, the role of tannin and other phenolic compounds in wine, and some potential health aspects of wine.

**ABOUT THE SPEAKER:** Dr. Simpson joined the Chemistry Department at California State Polytechnic University, Pomona, in 1968 after completing his B.S., M.S., and Ph.D. (organic chemistry) at the University of New Mexico and spending one year as a visiting chemistry professor at Pomona College. In 1973-74 he was on leave as visiting research associate in the Department of Enology and Viticulture at UC/Davis. He is an active member of the American Society for Enology and Viticulture and has served on the editorial review board committee for the society's journal. He has published a California wine guide.

He is a member of the Society of Wine Educators and the American Wine Society. At Cal Poly he has developed industrial chemistry and cooperative education courses/programs. He was the Director of Cooperative Education for Cal Poly (1980-2001). His research interests and publications are in the areas of polycyclic aromatic hydrocarbons, Carbon-13-labeled compounds, and phenolic compounds, especially in grapes and wine. He was selected several times for Exceptional Merit Service Awards at Cal Poly. In 1996 he was selected as the outstanding advisor in the College of Science,

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**Dr. J. Ernest Simpson  
presents**

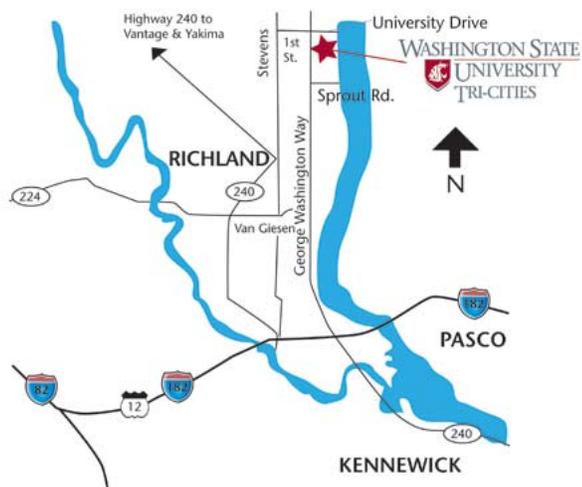
## *Chemistry of Wine*

**April 15, 6pm, WSU Tri-Cities  
East Building Auditorium**

## SPEAKER MEETING *cont'd from page 1*



and his co-op program was chosen as the best in California. He is a member of ACS (San Geronio past chair and current councilor), California Association of Chemistry Teachers (program chairman and southern section president, 1985-87), California Cooperative Education Association (president 1996-97), and Sigma Xi.



**April 15, 6pm**  
**WSU Tri-Cities**  
East Building Auditorium  
Open to the Public

## COMING EVENTS

**APRIL 15** *Ernest Simpson*, The Chemistry of Wine, 6pm, WSU-TC, East Building Auditorium

**MAY 13** *John Forman*, TBD

**JUNE 26** *Annual Member Picnic*



<http://acs.labworks.org>

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## EOU STUDENT MEMBER NEWS

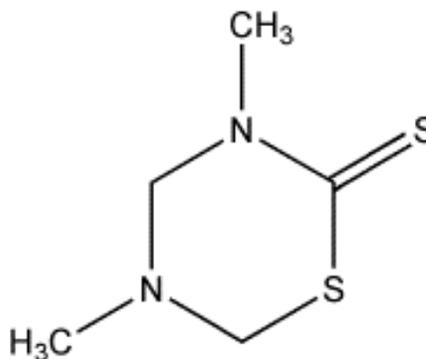


The Eastern Oregon University ACS student members attended the 239<sup>th</sup> National Meeting held this past March in San Francisco where they presented posters for their research, participated in the Chem Demo exchange and received an outstanding award for their activities during the 2008-09 academic year.

The award recognizes the many achievements ranging from community outreach to professional networking and engagement in undergraduate research. They were one of 33 chapters in the nation to receive an outstanding award out of 360 that submitted a report.

## WIN A MUG

*Predict Hydrolysis Products to Win a Mug*



The compound at left hydrolyzes in basic aqueous solution. To win a chemistry themed coffee mug, predict some major hydrolysis products. Send your prediction to the Richland Section by email at:

[acsrichlandsection@gmail.com](mailto:acsrichlandsection@gmail.com) or by regular mail to:

Richland Section Newsletter  
c/o S. Krogsrud, 4816 W. Irving, Pasco, WA 99301

A winner for the mug will be selected at random from plausible entries. The winner and answer to appear in the next newsletter.

### Point to Ponder

A good horse is never a bad color. – *Will Rogers*