



PANWAT

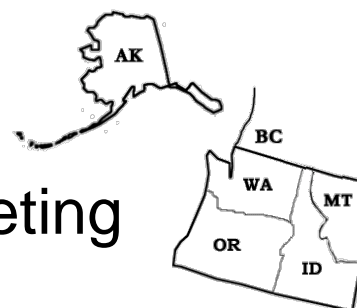
Pacific Northwest Association of Toxicologists

THE ART AND SCIENCE OF RESEARCH TRANSLATION IN TOXICOLOGY

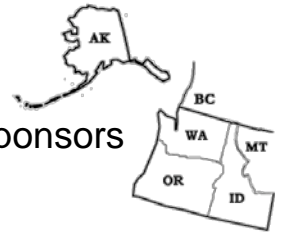
PANWAT Regional Chapter Meeting

North Bonneville, Washington

October 6-8, 2011



PANWAT greatly appreciates the generous support of our sponsors for the 2012 meeting:



Mt. Hood (Platinum): \$3000+



Columbia Gorge (Gold): \$2000-\$2999



Lewis & Clark (Silver): \$1,000-1,999



Chinook (Bronze): \$999 or below

**Dr. Peter Korytko,
Preclinical Safety Testing**





2011 Regional Chapter Meeting



THE ART AND SCIENCE OF RESEARCH TRANSLATION IN TOXICOLOGY

Given the importance of toxicological research in society, it is critical that scientists effectively translate research findings to diverse audiences to inform public health actions and science-based policies. Examples of translation include communicating with broad audiences, using new information or approaches to assess and manage risk, transferring tools and technology to stakeholders and assisting officials and communities. An emphasis on regional approaches to translating toxicological research will be highlighted at this year's annual meeting.

Detailed Program and Meeting Schedule

Thursday, October 6th

4:00–8:00 PM **REGISTRATION**

6:00– 8:00 **Science communication workshop**
Sponsored by Pacific Northwest National Laboratories
Wendy Hessler, Environmental Health News

6:00-8:00 **Particles on the Wall art exhibit**
Dr. Steven Gilbert, Institute of Neurotoxicology and Neurological Disorders

Friday, October 7th

7:30-8:55 AM **REGISTRATION & BREAKFAST**

8:55--9:10 **Welcome remarks and conference overview from PANWAT President**
Dr. Stacey Harper, Oregon State University

SYMPOSIUM I: RESEARCH TRANSLATION IN TOXICOLOGY

9:10-9:50 **Keynote Speaker: Three decades of adventures in research translation**
Dr. Clement Furlong, University of Washington

- 9:50-10:20 **Acute embryonic zebrafish exposure to gold nanoparticles results in persistent adult behavioral deficits**
Lisa Truong, Oregon State University
- 10:20-10:40 BREAK
- 10:40-11:00 **Glutathione (GSH) and the GSH synthesis gene GCLM modulate vascular reactivity and diesel exhaust-induced perturbations in mice**
Chad Weldy, University of Washington
- 11:00-11:20 **TCDD treatment suppresses vitamin A storage in LX-2 human hepatic stellate cells**
Wendy Harvey, Boise State University
- 11:20-11:40 **Identification of human biomarkers for OP exposure**
Dr. Judit Marsillach, University of Washington
- 11:40-1:30 **Fish contaminants and risk communication**
Box Lunch and Eagle Creek Tour
Dr. Dave Stone, Oregon State University

SYMPOSIUM II: COMMUNITY ENGAGEMENT IN TOXICOLOGY

- 1:30-2:15 **Keynote Speaker: Pharmacogenetic Research Partnerships with American Indian Communities**
Dr. Erica Woodahl, University of Montana
- 2:15-2:40 **Walking in two worlds: Effective and sustainable tribal-university partnerships in toxicology and environmental health research**
Sandra Uesugi, Oregon State University
- 2:40 **K-12 Regional Outreach**
Dr. Julie Hill, Dendreon and Dr. Wesley Smith, University of Washington
- 3:00-3:20 BREAK
- 3:20-3:40 **Adventures in community engagement: A toxicologist's journey from the bench**
Dr. Wesley Smith, University of Washington
- 3:40-4:10 **The challenges of communicating what we know**
Dr. Steve Gilbert, Institute of Neurotoxicology and Neurological Disorders
- 4:10-5:30 BREAK/POSTER SET-UP
- 5:30-7:00 **RECEPTION AND POSTER PRESENTATION**
SPONSORED BY SOT AND AMGEN

Special exhibit: Sharing Toxicology with Non-Scientists: Tools and Tips
Dr. Reitha Weeks, NW Association for Biomedical Research



Saturday, October 8th

SYMPOSIUM III: INTERDISCIPLINARY APPROACHES TO TOXICOLOGY

7:30-8:30 AM BREAKFAST

8:30-9:30 **Keynote Speaker: Empowered antibodies for cancer therapy**
Dr. Peter Senter, Seattle Genetics

9:30-9:50 **Investigating diverse mechanisms of polycyclic aromatic hydrocarbon toxicity with an AHR2 mutant zebrafish**
Britton Goodale, Oregon State University

9:50-10:10 BREAK

10:10-11:00 **PANWAT TOXICOLOGY ACHIEVEMENT AWARD RECIPIENT PRESENTATION**
Integrating Immunology and Toxicology Research: The Trials and Joys of a Career in Immunotoxicology
Dr. Nancy Kerkvliet, Oregon State University

11:00-11:40 Science Communication Lessons and Take Home Messages
Wendy Hessler, Environmental Health News

11:40-12:00 Wrap-up: PANWAT and Student Poster Awards

12:00 ADJOURN