



**PANWAT**

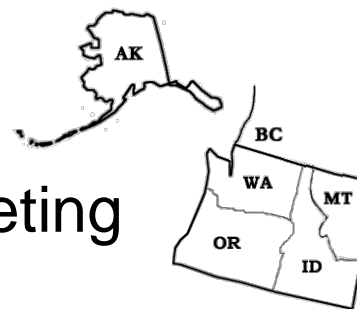
**Pacific Northwest Association of Toxicologists**

# **THE ART AND SCIENCE OF RESEARCH TRANSLATION IN TOXICOLOGY**

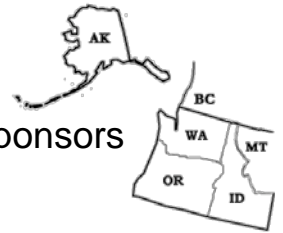
PANWAT Regional Chapter Meeting

North Bonneville, Washington

October 6-8, 2011



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**Dr. Peter Korytko,  
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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 6<sup>th</sup>

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 7<sup>th</sup>

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 8<sup>th</sup>**

**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