

# AEG Student Night - May 14, 2015

- Time:** 5:30 – Social Hour and Poster Presentations, 6:30 – Dinner, 7:30 – Program
- Place:** Best Western Executive Inn, 200 Taylor Avenue North, Seattle, WA 98109, 206-448-9444
- Dinner:** Buffet Dinner: Organic Field Green Salad, Tabouleh Salad, CITRUS BBQ SALMON, CHICKEN MARSALA, Seasonal Vegetables, Wild Rice Pilaf, Focaccia Bread/Butter, Freshly Brewed Coffee, Decaffeinated Coffee or Tea, and Dessert.
- RSVP:** Please RSVP for the meeting by emailing Justin Vetter at [secretary@aegwashington.org](mailto:secretary@aegwashington.org). Please RSVP by 5 PM on Friday, May 8<sup>th</sup> – RSVPs will not be accepted after this time. Please also let him know by that time if you would like to cancel – no shows will be billed.
- Cost:** \$35 - members; \$40 - non-members; \$10 - students. If you can't attend the dinner, but would like to attend the presentations, the cost is \$10. Non-members always welcome! Pay by cash, check, or credit card at the door. Make check payable to AEG.

Our gracious sponsors, GeoEngineers, have made it possible for the AEG Washington Section to provide free meals to a limited number of AEG Student Members with advanced approval. Please contact Justin Vetter for more information at [secretary@aegwashington.org](mailto:secretary@aegwashington.org). Please visit their website: <http://www.geoengineers.com/>

**\*\*Attention students:** AEG student membership is now free. Please follow this link <http://www.aegweb.org> and click on the orange membership tab if you are interested in becoming a member of AEG.

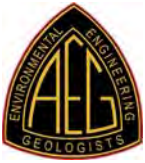
**\*\*Members:** If you would like to sponsor an individual student at the meeting, the cost is \$35 per student. Please let us know when you RSVP or during check-in at the event.

The WA Section of AEG (Association of Environmental and Engineering Geologists) is inviting students and faculty interested in environmental science and geology to our 2014 Student Night. This is an informal evening that will allow attendees to network with earth science students and faculty from other universities and colleges, as well as interact with career professionals working in these fields.

The program for the evening will be student presentations. We are soliciting students (undergraduate and graduate) to present a poster or give a short talk summarizing their research or class work. Awards and a free dinner will be provided to all presenters. Everyone is encouraged to come and support the student presenters.

AEG WA Section Officers:

Chad Lukkarila Chair Kleinfelder <a href="mailto:clukkarila@kleinfelder.com">clukkarila@kleinfelder.com</a> 425-636-7900	John LaManna Vice Chair LaManna Geosciences, Inc <a href="mailto:john@lamannageosciences.com">john@lamannageosciences.com</a> 206-352-8534	Taryn Sparacio Treasurer Exponent <a href="mailto:tsparacio@exponent.com">tsparacio@exponent.com</a> 425-519-8764	Justin Vetter Secretary Kane Environmental <a href="mailto:secretary@aegwashington.org">secretary@aegwashington.org</a> 206-691-0476
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**ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS  
WASHINGTON SECTION  
Meeting Announcement**

The presentation topics should be based on student research in applied geology or environmental science, and may also include earth/environmental science education topics. It is not required that the presentation topic be related to environmental geology or engineering geology. Possible topics may include the results of class projects, senior theses, graduate research, advances in technology or scientific methodology being used at your university/college, or proposed changes to academic departments that will include environmental and engineering geology disciplines. If a student's research is not completed by May then it is acceptable to present on the preliminary research, including the hypotheses and proposed methodology of the research. Students may present as a team, if the topic represents a group project for a class. **Student presenters will have their meal costs covered by the AEG WA Section.**

We will have two categories of presentations, oral presentations and posters as described below:

- **Oral Presentations:** Presentations should be 10 minutes long total (8 minutes for presentation, 2 minutes for questions). The presentations should be in PowerPoint format. We have time for a total of **six** oral presentations (Selected on a first come first served basis). The oral presentations will begin at 7:30, after the dinner.
- **Poster Presentations:** We will have a space available in the Best Western's meeting room for students to set-up and host a poster (up to 15 posters). The poster session will run during the Social Hour (5:30-6:30).

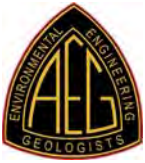
Here is the list of current presenters:

**ORAL PRESENTATIONS**

1. Jesse Favia, University of Washington, Graduate Student, Title: River Migration and Avulsion Hazards at Sunshine Point Campground, Mount Rainier National Park, Washington
2. Alex Grant, University of Washington, Graduate Student, Title: Terrain-based Disaggregation of Earthquake-Induced Landslide Hazard of Lebanon
3. Andy Gault, University of Washington, Graduate Student, Title: The Mineralogy and Strength Characteristics of Selected Glaciolacustrine Clays in the Puget Sound Region
4. Brittany Fagin, Central Washington University, Graduate student, Title: Pressure-temperature-time constraints for exhumation of ultrahigh-pressure metamorphic rocks, North Qaidam terrane, Western China
5. Adrian Bender, Western Washington University, Graduate Student, Title: Differential uplift and incision of the Yakima River terraces
6. Mark Mettler, University of Nevada, Reno, Graduate Student, Title: Developing a Biological Process Model for Nutrient Removal Optimization at South Truckee Meadows Water Reclamation Facility

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**POSTER PRESENTATIONS**

1. Robert J. Cannata, University of Washington, Graduate student, Title: Field and GIS-based investigation of the beach environment at Maxwelton, WA on Whidbey Island
2. Ryan Murphy, Western Washington University, Graduate Student, Title: Calibration of a Hydrologic and Dynamic Glacier Model to the Nooksack River Basin Using Gridded Surface Climate Data
3. Jackie Divita, University of Washington, Undergraduate Student, Title - Foraminifera: Indicators of Pollution in Commencement Bay, Puget Sound, Washington
4. Jake Meyer, Central Washington University, Graduate Student, Title: Textural and Thermodynamic Model Evidence of Fluid Release from Eclogite, North Qaidam UHP Terrane, Western China
5. Tait Russell, University of Washington, Graduate Student, Title: High-Resolution DEM Timeseries Measuring Ice/Snow Mass Balance and Variability on Mount Baker, WA USA
6. Levi Windingstad, Central Washington University, Graduate Student, Title: Holocene Sedimentation and Arroyo Formation, Hanson Creek, Washington
7. Kevin DeLano, Central Washington University, Graduate Student, Title: Pliocene – Quaternary extension across the Volcanic Tableland and Black Mountain area, eastern California Shear Zone
8. Jaime Campo, Western Washington University, Graduate Student, Title: Characterization of epithermal quartz veins by scanning electron microscope-cathodoluminescence and laser-ablation inductively-coupled mass spectrometry
9. Sebastian Belfanti, University of Washington, Undergraduate Student, Title: Searching for Subterranean Gold Ores in Chandalar Mining District, Alaska, Using Pb and Nd Isotopic Indicators

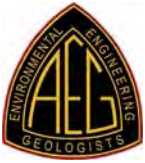
**2014-2015 AEG WASHINGTON SECTION CALENDAR**

**2014-2015 Dinner Meetings:**

- September 18, 2014 (Thu) – Dr. Tom Doe (Golder), What’s Up With Fracking?, Best Western Executive Inn, Seattle, WA. Sponsored by Cascade Drilling.
- October 16, 2014 (Thu) – Dr. Greg Hempen (URS), 2013-2014 Jahns Lecturer, What’s My Line? Site Assessment! [AKA: Applying Geophysics in Site Assessment], Ivar’s Salmon House, Seattle, WA. Sponsored by Golder.
- November 20, 2014 (Thu) – Taryn Sparacio (Exponent), An Environmental Forensics Case Study: Reconstructing Historical Chemical Releases in the Hylebos Waterway, Coast Hotel, Bellevue, WA. Sponsored by Instrumentation Northwest (INW).
- December 11, 2014 (Thu) – Holiday Party, Personal slide shows from AEG members and family, pizza, gift raffle, food drive. Tutta Bella Pizzeria in the Wallingford area of Seattle, WA.
- January 15, 2015 (Thu) – Trenton Cladouhos, PhD (AltaRock Energy), An Overview of a Geothermal Development Project at Newberry Crater, Oregon. Best Western Executive Inn, Seattle, WA. Sponsored by Holt Services.

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- February 25, 2015 (Wed) –Ken Fergason, PG (AMEC), 2014-2015 AEG President, The Geologic, Geohazard, and Geotechnical Field Investigation for the Hoover Dam Bypass Bridge, Ivar’s Salmon House, Seattle, WA. Sponsored by GeoStabilization International (GSI)
- March 19, 2015 (Thu) – Dave McCormack, LG, LEG (Aspect Consulting), Port Angeles Landfill Cell Stabilization, Best Western Executive Inn, Seattle, WA. Sponsored by APS.
- April 23, 2015 (Thu) – Thomas Colligan (Floyd Snider), Thermal Remediation of the Fox Avenue Site in the Duwamish Waterway, Seattle, WA. Ivar’s Salmon House, Seattle, WA. Sponsored by Friedman-Bruya, Inc.
- May 14, 2015 (Thu) – Student Night, Best Western Executive Inn, Seattle. Sponsored by GeoEngineers.

**2015 AEG Membership:**

**RENEW YOUR AEG MEMBERSHIP!**

Membership Has Benefits! Renew your membership on-line at <http://www.aegweb.org/> (look for the red membership button on the main page). Or if you prefer, call AEG at 303-757-2926 to complete your renewal over the phone.

**2015 AEG Annual Meeting:**

Please consider attending or presenting at the 2015 AEG Annual Meeting in Pittsburgh, PA, September 19-26, 2015. For more information, visit: <http://www.aegannualmeeting.org/>



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