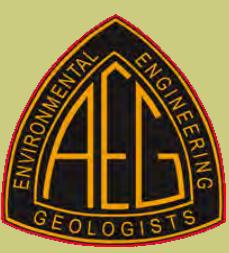


The Official

AEG OREGON CHAPTER NEWSLETTER

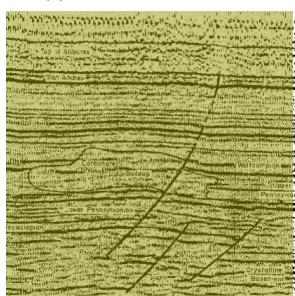
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<u>MEETING DETAILS</u>	
Date: Tues, May 21, 2019	
Location: Old Market Pub 6959 SW Multnomah Blvd Portland, OR 97223	
Evening Agenda: 6:00 pm Social / Poster Hour 6:45 pm Dinner 7:30 pm Presentation	
Registration: Web: https://aeg-or-2019-05.brownpapertickets.com/ Fees: \$25 Private Industry \$20 Public Agencies Free for Students	
Deadline: Noon, Monday, May 20, 2019 \$2 surcharge for those who do not register by the deadline.	
<u>UPCOMING EVENTS</u>	
September 17-22, 2019 62nd AEG Annual Meeting Asheville, North Carolina	
September 22-25, 2019 GSA Annual Meeting 2019 Phoenix, Arizona	
October 21-24, 2019 70th Annual Highway Geology Symposium Portland, Oregon	
	

May Meeting Double Header - Annual Student Poster Night and Registration of Geologists in Oregon Since 1977, OSBGE by Scott Burns

Poster Topics:

- Assessing the space and time correlation between co-CRBG rhyolites and rhyolites of the High Lava Plains trend in eastern Oregon Vanessa Swenton (Portland State University)
- Development of a Design Guideline for Pile Foundations Subjected to Liquefaction-Induced Lateral Spreading Milad Souris (Portland State University)
- Effect of young and old growth forests on debris flow mobility in southeast Alaska Christian Sifford and Adam Booth (Portland State University)
- Effects of Coarse Woody Debris on Debris Flow runout and Inundation Area David de Guzman (Portland State University)
- Evolution of the Southern Oregon Coast Jessica Moore (Portland State University)
- Geochemical response to thermal energy storage in the Columbia River Basalt aquifer system beneath the Portland Basin, Oregon Ellen Svalenak (Portland State University)
- Implications of a Ghost Forest Stratigraphically Associated with the Fourth Prehistoric-Cascadia Earthquake in Netarts Bay, Oregon Jazzy M Graham-Davis, Ashley R. Streig, and Curt D. Peterson (Portland State University)
- Liquefaction Susceptibility of Willamette Valley Silts Melissa Preciado, Arash Khosravifar, and Diane Moug (Portland State University)
- Mineralogical, geochemical, and physical characterization of mid-Miocene rhyolites in eastern Oregon Brianna Young, Aleysa Orr and Martin Streck (Portland State University)
- Mixing of the Willamette and Columbia Rivers across Sauvie Island, Oregon based on stable isotopes ($\delta^{18}\text{O}$ and δD) of surface water Mae Saslaw and John Bershaw (Portland State University)
- Revising age and distribution of the Picture Gorge Basalt and their implication for evolution models of Columbia River Basalt volcanism Emily Cahoon, Martin Streck, Anthony Kopfers, and Daniel Miggins (Portland State University)
- Seismic source characterization of faults in the Portland and Tualatin Basins and a Paleoseismic study of the Gales Creek Fault, Oregon Alison E Horst, Ashley R Streig, Ray E Wells (Portland State University), Tom P Guilderson (Lawrence Livermore National Laboratory)
- Species Diversity in the Hypertragulid (Mammalia: Artiodactyla) Population of the John Day Basin, Oregon Lana Jewell (Portland State University)
- Stratigraphy and Age of the Mahogany Mountain Rhyolite in the Lake Owyhee Volcanic Field, Eastern Oregon Robert Jackson and Martin Streck (Portland State University)
- Tracking the Spatial and Temporal Evolution of the Portland and Tualatin Basins, Northwest Oregon Darby Scanlon, John Bershaw, and Ray Wells (Portland State University)



Message from the Chair

Thanks to everyone who was able to attend the April meeting, and thank you to Bill Burns and Will Struble for their wonderful talk “Hunting for Cascadia Triggered Landslides.” It always amazes me the diversity in talks we get each year. Our profession spans into so many different subspecialties, I don’t think that any of us can fully grasp the impact and influence of professional geologists in our society.

Well, we are at the end of our meeting season and we’re going out with a BANG. May 21st will be our annual Student Poster Night and we have a great line-up of undergraduate and graduate student posters to enjoy. I have had a sneak peek at the poster abstracts and I’m very impressed with the diversity and quality of the submittals. I can’t wait to see the posters themselves. I always learn so much during Poster Night. We will also have our very own Scott Burns (current Board Member with the Oregon State Board of Geologist Examiners - OSBGE) complete a brief presentation on geology licensure in Oregon. This is a great opportunity for both students and old-time geologists to learn about how geology licensure works in Oregon.

Registration is open for the 62nd Annual AEG Meeting in Asheville, NC on September 17-22, 2019. You can register here (<https://www.aegannualmeeting.org/>). Based on my review of the draft schedule of events it looks like it will be a great meeting. I would also like to remind any students who plans to present at the meeting that the Oregon Chapter will be awarding two Student Awards to help defer the cost for travel to the annual meeting. Each award will be \$1,250 and should take care of most, or all, of the travel expenses incurred. Please see the application included in this newsletter for additional information.

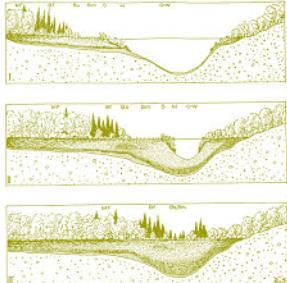
I encourage you all to consider giving back to our geologic community by volunteering for one of the open Chapter committee positions we have, including the Program Chair and Newsletter Chair. Also, if you would like to be on the actual Chapter Board, we are still looking for next year’s Chapter Secretary; please let us know if you are interested in running for Secretary next year. We are also actively recruiting speakers for next year. So if you have a talk you would like to give, or know someone with a good talk, please let us know.

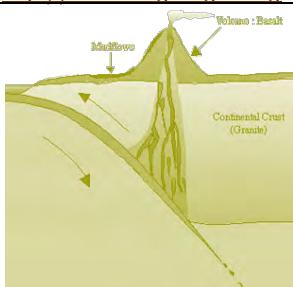
This that, I hope you all have a safe and happy summer!

Christopher Humphrey, R.G., C.E.G.
Oregon AEG Chapter Chair

Geology Quiz

On May 18, 1980 Mt. St. Helen’s experienced one of the most significant eruptions (VEI 5) and largest recorded landslide in the contiguous 48 states. What nearby volcano was the second most significant eruption on May 22, 1915? What is VEI?





AEG Oregon Chapter Student Award to Attend the 2019 Annual Meeting in Asheville, North Carolina

"Old Mountains...New Beginnings. Using the past to Map the Future."

Two \$1,250 awards are available for two lucky Student Members of the Oregon Chapter to attend the AEG 62nd Annual Meeting in Asheville, North Carolina from September 17-22, 2019. Candidates are required to meet the following criteria:

Accepted Abstract for the AEG 2019 Annual Meeting - Abstracts for the 2019 AEG Annual Meeting must be submitted online to AEG no later than May 1, 2019. The AEG Technical Committee should provide confirmation of abstract acceptance by June 15, 2019. A copy of the notice of acceptance from the Technical Committee must be submitted with the application.

Completion of the AEG Oregon Chapter Student Award Application

Application submittal to the Oregon Chapter Chair (geohumphrey@yahoo.com) of AEG due by 10 p.m. on Friday June 28, 2019. The application is provided on Page 6.



Active AEG Oregon Chapter Student Membership – Only Student Members of the AEG Oregon Chapter are eligible for this award. If you are not currently a Student Member of AEG, you may register for free at www.aegweb.org/page/JoinOrRenew.

Essay (250 to 500 words) - Describe your geologic activities outside of the university classroom demonstrating how these activities relate to your professional geology goals. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, laboratory work, etc.



Complete applications for this award are due no later than 10 p.m., Friday, June 28,

AEG Oregon Chapter Student Award Application

2019 AEG Annual Meeting Attendance

Asheville, North Carolina, September 17-22, 2019



Student Name: _____

AEG Student Member Number ⁽¹⁾: _____

College/University: _____

Address (if your address will be different over the summer, please supply both your current and summer address, if applicable):

E-mail: _____

Phone number: _____

Title of Presentation ⁽²⁾:

Attach a 250- to 500-word essay⁽³⁾ describing your geologic activities outside of the university classroom demonstrating how these activities relate to your professional geology goals. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, working in a lab, etc.

Applications are due no later than **10 p.m., Friday, June 28, 2019**. It is the intent of the AEG Oregon Chapter Board to select award winners by July 5, 2019. Selection of award winners is at the sole discretion of the AEG Oregon Chapter Board.

*"The earth is large and
old enough to teach us
modesty."*

Hans Cloos



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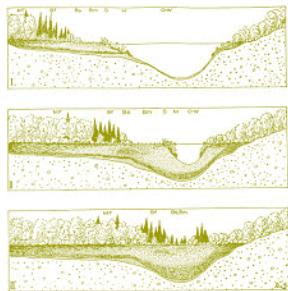
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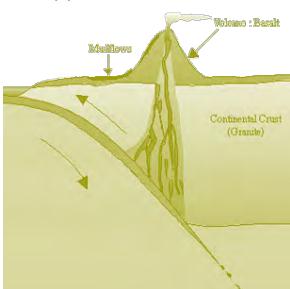
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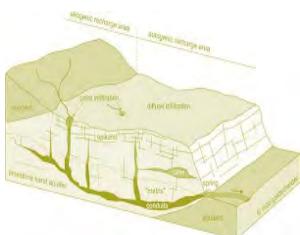
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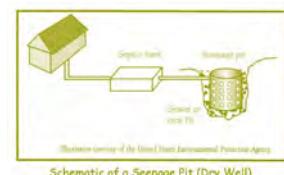
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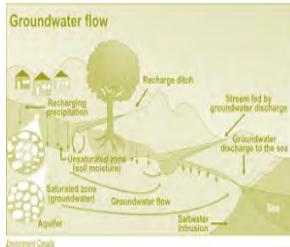
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"A soil adapted to the growth of plants, is necessarily prepared and carefully preserved; and, in the necessary waste of land which is inhabited, the foundation is laid for future continents, in order to support the system of the living world.."

James Hutton

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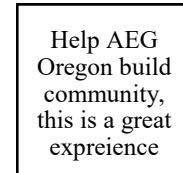
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The AEG Oregon Chapter Newsletter

The Association of Engineering Geologists (AEG) contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. AEG's values are based on the belief that its members have a responsibility to assume stewardship over their fields of expertise. AEG is the acknowledged international leader in environmental and engineering geology, and is greatly respected for its stewardship of the profession.



AEG OREGON CHAPTER NEWSLETTER is published monthly from September through May. Subscriptions are for members of AEG affiliated with the Oregon Chapter or other Chapters, and other interested people who have requested and paid a local subscription fee of \$10.00. E-mail subscriptions are free. News items are invited and should be sent to: Ben George, AEG Oregon Chapter Chair-Elect, Cornforth Consultants, Inc., 10250 SW Greenburg Road, Suite 111, Portland, OR 97223, e-mail: bgeorge@ccilt.com, phone (503) 452-1100. Electronic media is preferred. Deadline for submittal is the 25th of the month. Advertising: business card size \$100/yr; 1/4 page \$200/yr; 1/2 page \$350/yr; 1 page \$450/yr.