



NORTHWEST GEOLOGICAL SOCIETY

A regional association of professionals, students & others interested in geology
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October, 2009 Newsletter

Volume 23, Number 6

October 13 Program Speaker

Speaker: David B. Williams, freelance writer, Seattle

Title: Stories in stone: travels through urban geology

Speaker Abstract: (Although speaker abstract is not available, the following is from David's blog. Presumably, his talk will have a similar focus.) "I am a freelance writer based in Seattle. For the past decade, I have been writing about wildness in the urban landscape and how you don't need to travel far to find interesting natural history stories. They are all around if you take the time to look. This blog will focus primarily on the stories that connect geology and people with a special emphasis on how people use stone as a building material." From Williams, D. B., 2009, The stories in stone, the interfingering between people and rock, <http://stories-in-stone.blogspot.com/> (accessed September 28, 2009).

5:30pm: No-host social hour
6:30pm: Buffet dinner
7:30pm: Speaker program
All are welcome to attend –
reservations are required
if coming for dinner.

PROGRAM DINNER RESERVATIONS: NWGS members: \$30; Non-members: \$35; Full-time students : \$10. Add \$5 for LATE REGISTRATION. Mail check to Ginny Agnew, 935 Pine St., Edmonds, WA. 98020 (must be received by Thursday prior to meeting). Contact her at 425-776-6151 or agnewv@msn.com.

If attending the speaker program only, a \$5 voluntary donation to help defray the meeting room cost is greatly appreciated.

Location: Pacific Dining Hall at the [Talaris Conference Center](#), 4000 NE 41st St., Seattle, WA. Ph 206-268-7000. Directions: See [on-line directions with map](#), or: from I-5 northbound or southbound in Seattle, take Exit 168B (NE 45th St.). Drive east on NE 45th St. past UW down the hill and past University Village. Turn south (right) onto Mary Gates Memorial Drive at the 5-way intersection. MGM Drive will curve east (left) and become NE 41st St. Continue several blocks to the [Talaris Conference Center](#) entrance on the north (left) side.

Upcoming Speakers and Field Trips

November Speaker: Charlotte Sullivan, Pacific Northwest National Laboratory, Carbon sequestration in the Columbia River Basalts.

December Speaker: Dr. Brittany Brand, UW, Mafic hydrovolcanism in the northwest.

January Speaker: Richard Fiske, Smithsonian Institution, Submarine Pyroclastic Volcanism of the Izu-Bonin Arc (Japan).

Spring, 2010 Field Trip: TBA; Fall, 2010 Field Trip: Holocene deposits of Mt. Baker.

Other Announcements

Your research posters are requested! If you have a poster conveying your research, whether at the undergraduate, graduate, or professional level, please bring it to our next meeting for display! POSTERS ARE WELCOME AND ENCOURAGED AT ALL MONTHLY GATHERINGS! Also, please contact [Lars Gilmour](#) for information on the official student poster session competition at the *May, 2010* meeting. Big prizes!!!

Next Board Meeting: October 13, 4:30pm, [Talaris Conference Center](#).

Photo Spotlight

Field trip co-leader USGS geologists Don Swanson (tallest man at right in hat) and participants of the recent NWGS field trip to Kīlauea stand atop a scarp of the White Rabbit fault, a prominent structure in the Koa'ē fault zone, southern flank of Kīlauea volcano, Big Island of Hawai'i. This mind-blowing zone is about 9 km long and 2.5 km wide and is a zone of extension, with measured amounts of extension (crack opening) as high as 30 m on a lava flow 600-700 years old, making it one of the most active fault zones in the world (extension rate of 4.3-5.0 cm/yr). Fiske and Swanson interpret the Koa'ē as a breakaway zone separating the relatively stable part of the volcano to the north from the mobile flank. Photo by T. Bush.



Your geology photo submissions (~1MB) with captions are appreciated. Please email to Newsletter Editor [Tom Bush](#).

About NWGS

[NWGS](#), a regional association of professionals, students & other persons interested in **geology**, provides a forum for the presentation and discussion of a wide range of geologic topics, emphasizing those of the Pacific Northwest or of fundamental scientific interest. Program meetings: 2nd Tuesdays, October through May in the Pacific Dining Hall at the [Talaris Conference Center](#) in Seattle (see 1st page). Anyone may attend the speaker program, but a reservation is necessary for those wanting dinner (see 1st page). Field trips (members only): one in late spring/early summer and one in late summer/early fall, usually of 1-3 days in length. Membership is open to anybody with a professional or amateur interest in geology. Annual dues: Professional: \$30; Student: \$5. To join or pay annual dues: send a check payable to NWGS to Treasurer [Dan Smith](#), 10203 40th Ave SW, Seattle, WA. 98146. Please include your name, address, home phone, email, and employer/affiliation (if any).

Recommended Readings (kindly submitted by John Whitmer)

Dickinson, W. R., 2009, Pacific atoll living: how long already and until when?, GSA Today, vol. 19, 4-10.

Leier, A., DeCelles, P. G., and Pelletier, J. D., 2005, Mountains, monsoons, & megafans, Geology, vol. 33, no. 4, 289-292.

Retallack, G. J., Orr, W. N., Prothero, D. R., Duncan, R. A., Kester, P. R., and Ambers, C. P., 2004, Eocene-Oligocene extinction and paleoclimate change near Eugene, Oregon, GSA Bull., no. 116, 817-839.

Please send your reading recommendations to Newsletter Editor [Tom Bush](#).

To report a change of email or postal address or request to be removed from mailings, notify Secretary [Dan Smith](#) at 206.937.5313. Questions or comments? Contact President [Donn Charnley](#) at 206.546.3868.

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