

Rolling Rocks

Welcome Back

Welcome back to a new academic year. Hope you all had a wonderful summer. We have another stimulating and busy year ahead.

Colloquium

Today's colloquium will be held at 3:30 pm in Room 527. We will be looking at photos of our summer's activities. There will be refreshment served.

Welcome new students

Please welcome our new freshman and graduate students. Here's a list of the new graduates:

Masters students:	Ben Bates	Josh Dodson
	Andrew Gangidine	Shannon Neale
	Evan New	Abbie Padgett
	Jenelle Wallace	
Doctoral students:	Jeff Hannon	Kristen Schlanser
	Chris Sheehan	

Congratulations to grads

We had a whole bunch of graduates successfully defend their degrees this summer. Congratulations everyone. They included:

Masters:	Frida Akerstrom	Elizabeth Bullard
	Catherine Dunn	Elizabeth Haussner
	Thomas (TJ) Malgieri	Jeffrey Osterhout
	Christopher Sheehan	Alexander Wall
Doctorates:	Matthew Vrazo	Julia Wise

AAPG Awards



AAPG presented Professor Paul Potter with the very prestigious Sidney Powers Medal in June. Our alumni Mike Lewan also received a prestigious award, the Robert Berg Outstanding Research Award. Please check out the link at:

<http://www.aapg.org/publications/news/explorer/details/articleid/24141/aapg-announces-this-year%E2%80%99s-best-of-the-best>

Tenured and Promoted

Congratulations for Eva Enkelman and Amy Townsend-Small who were promoted to Associate Professor with tenure this past summer.

Eastern Section AAPG meeting in September

If you haven't already registered, we hope you are considering attending the Eastern Section, AAPG meeting in Lexington, Ky. September 25-27. Check out our website here: www.esaapgmtg.org

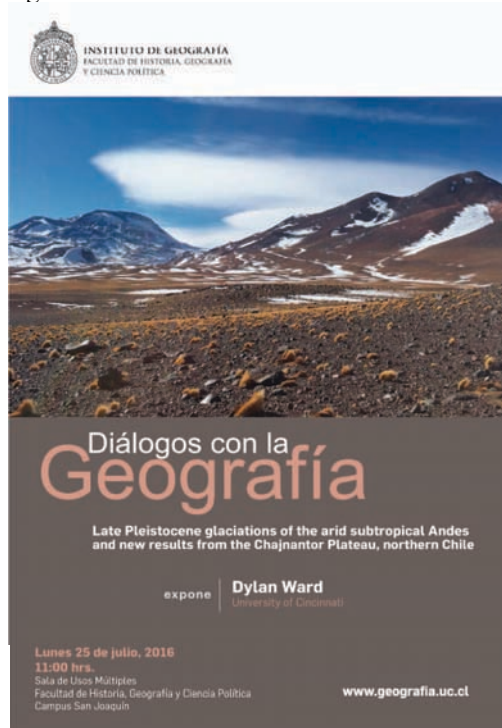
New Papers

Atchison, C.L. & Libarkin, J.C. (2016). Professionally held perceptions about the accessibility of the geosciences. *Geosphere*. 12(4), 1–12. DOI:10.1130/GES01264.1.

Olga, S., Bradley, R., Jomelli, V., Geirsdottir, A., Kaufman, D., Koch, J., McKay, N.P., Masiokas, M., Miller, G., Nesje, A., Nicolussi, K., **Owen, L.A.**, Putnam, A.E., Wanner, H., Wiles, G., and Yan, B., 2015. Glacier fluctuations during the past 2000 years. *Quaternary Science Reviews*, 149, 61-90.

Tankersley, K.B., Dunning, N.P., Thress, J., **Owen, L.A.**, Huff, W.D., Fladd, S.G., Bishop, K.J., Plog, S., Watson, A.S., Carr, C. and Scarborough, V.L. 2016. Evaluating soil salinity and water management in Chaco Canyon, New Mexico. *Journal of Archaeological Sciences: Reports*, 9, 94-104.

Wesnousky, S.G., Briggs, R.W., Caffee, M., Ryerson, R., Finkel, R., **Owen, L.A.** (2016) Terrestrial cosmogenic surface exposure dating of glacial and associated landforms in the Ruby Mountains of Central Nevada and along the northeastern flank of the Sierra Nevada. *Geomorphology*, 268, 72-81.



Falkowski, S. & **Enkelmann, E.** 2016. Upper crustal cooling of the Wrangellia Composite Terrane in the northern St. Elias Mountains, western Canada. *Lithosphere*, 8, 359–378. doi: 10.1130/L508.1

Finzel, E., **Enkelmann, E.**, Falkowski, S., Hedeon, T., 2016. Long-term forearc basin evolution in response to changing subduction styles in southern Alaska. *Tectonics*, 35, doi:10.1002/2016TC00417 1.

Lease, R.O., Ehlers, T.A., **Enkelmann, E.**, 2016. Large along strike variations in the onset of Subandean deformation: Implications for Central Andes orogenic growth. *Earth and Planetary Science Letters*, 451, 62–76.

Georgieva, V., Melnick, D., Schildgen, T.F., Ehlers, E., Lagabriele, Y., **Enkelmann, E.**, Manfred, S.R. 2016. Tectonic control on rock uplift, exhumation and topography above oceanic-ridge collision: Southern Patagonian Andes (47°S), Chile. *Tectonics*, 35, 1317–1341. doi:10.1002/2016TC004120.

Enkelman, 2016. Cover Image of current GSA Journal Lithosphere Journal featuring Eva's and her students latest research paper from the St. Elias Mountains.

Benn, D.I., Bradwell, T., **Owen, L.A.** (2016) Glacial landforms and deposits. In: Ballantyne, C. and Lowe, J.J. (ed.) *The Quaternary of the Isle of Skye: Field Guide*. Quaternary Research Association, London, p. 41-56.

Godfrey, L.R., and **Crowley, B.E.** (2016) Madagascar's ephemeral paleo-grazer guild: Who ate the ancient grasses? *Proceedings of the Royal Society, B*. 283: 20160360.

Conferences

In May, Dylan presented at the Community Surface Dynamics Modeling System (CSDMS) annual meeting in Boulder, CO on “A dynamical-statistical approach to forecasting regional glacier response to projected warming: An example from the Cordillera Real, Bolivia”

Eva Enkelman presented in June at the Joint Meeting of the Geological Association of Canada and Mineralogical Association of Canada (GAC-MAC) in Whitehorse, Yukon. (Enkelmann, E., Falkowski, S., 2016. Cenozoic evolution of rock exhumation pattern at the Yakutat-North American collision zone. Geological Assoc. Canada – Mineralogical Assoc. Canada Annual Meeting, 1-3 June 2016, Whitehorse, Yukon, Canada.)

Lewis Owen attended the biannual meeting of AMQUA in Santa Fe where he presented an invited talk on geomorphic and geochronic aspects of the Anthropocene. Thomas Lowell also attended this meeting where in was elected as President Elect of the AMQUA – well done Tom.

Lewis Owen attended and presented at the British Quaternary Research Association annual field meeting on the Isle of Skye in May. And visited his land on the Isle of Islay (see below).



Fieldwork

Eva Enkelmann conducted fieldwork in Southeast Alaska together with John Garver (Union College) and Cameron Davidson (Carleton College) and 4 undergraduate students research on the Yakutat flysh and melange units. Eva conducted also fieldwork with Dr. Emily Finzel (University of Iowa) collecting river sand in the Talkeetna Mountains in southern Alaska.



Yurena along with two UC students Wesley Parker and Kayla Parr conducted field work in three of the Canary Islands as part of the National Geographic Society grant entitled: “The stories shells hold: inferring ancient cultural and environmental history from mollusk middens in the Canary Islands”



In July, Dylan, Rachel Thornton, and Jason Cesta spent a few weeks sampling moraines at 5,000 m in the Andes of northern Chile and interfacing with Chilean scientists. As a guest of UC Geology alum Esteban Sagredo, Dylan gave a talk at Universidad Catolica de Chile entitled “Late Pleistocene glaciations of the arid subtropical Andes and new results from the Chajnantor Plateau, northern Chile”.



Julianne Fernandez was selected to participate in the UNOLS Deep-Submergence Science Leadership Cruise aboard the RV Atlantis, operated by the Woods Hole Oceanographic Institution.

Julianne took her first decent in DSV ALVIN in the Atlantic Ocean to a depth of 1130 m at 39°N/69°W to collect sediment cores and water to measure methane from newly discovered seeps.



Picnic

We'll be having an informal potluck get-together to welcome the new grads and reconnect on Sunday, Sept. 11 from 3-6(ish) pm. It will be held at Rhinegeist Brewing (kids are allowed). Dylan will provide more details soon, but please save the date!

Don't forget to send me your news.

Cheers,

Lewis