

Rolling Rocks

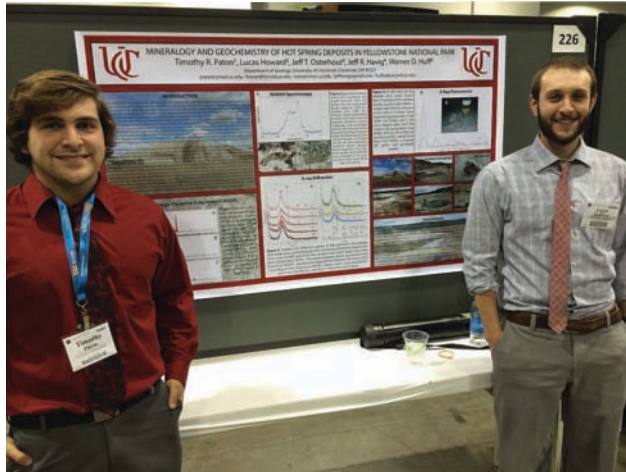
Today's Colloquium

Today's colloquium will be held at 3:30 pm in Braunstein 201. The colloquium will be given by Mr. Tim Carter, a UC alumni and founder of AsktheBuilder.com. The title of his talk is: The past is the key to present success. This will be followed by refreshments in the Rug Room.

GSA Annual Meeting



We had an excellent representation of faculty and students at the GSA annual meeting last week. Alumni reception on Monday evening was very well attended with alumni from the 50s, 60s, 70s, 80, 90s and this millennium. Many thanks to Warren for organizing the event. Please see the following link for photos: http://homepages.uc.edu/~huffwd/GSA_2016/index.html



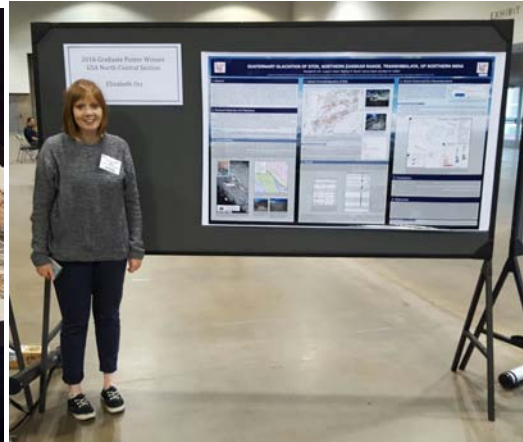
Below are abstracts for some of the presentations. It would be good to add all your abstracts to Rolling Rocks next week. **So please send your abstracts for inclusion in Rolling Rocks in the same format as below.**

Orr, E. (2016) Strong is the new pretty – tales of early-career female geologist. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-277951.

- Saha, S., Owen, L.A., Orr, E.** (2016) Reconstructing high-resolution Holocene glacial chronostratigraphies in the Himalaya. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-282114.
- Saha, S., Owen, L.A., Orr, E., and Dietsch, C.**, (2016) Reconstructing late Holocene glacial advances in the NW Himalaya, northern India by resolving the problem of too-old (inherited) surface exposure ages on young moraines. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-282261.
- Wetmore, P., **Owen, L.A.**, Dixon, T.H., Xie, S. and Gallant, E. (2016) New long and intermediate range slip rates for the Central Calico fault of the Eastern California Shear Zone. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-284181.
- Gray, H., Tucker, G.E., Hobley, D.E.J., Duvall, A.R., Harbert, S. and **Owen, L.A.** (2016) Late-Quaternary slip-rate of the Southern San Andreas Fault inferred from landscape modeling of sheared drainages. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-283352.
- Nachbor, A.C., Wetmore, P., **Owen, L.A.**, Knott, J.R., and Xie, S., (2016) Constraining slip rates on the Towne Pass fault, northern Death Valley National Park, California. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-285941.
- Rech, J.A., Prellwitz, J.S., Buck, B.J., Lybrand, R. A., Parker, D.R., **Owen, L.A.** and Michalski, G. (2016) The formation and evolution of an Atacama nitrate soil, Baquedano Nitrate District, Chile. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-286482.
- Fame, M.L., **Owen, L.**, Spotila, J.A., Dortch, J.M. and Caffee, M.W. (2016) Using cosmogenic ^{10}Be in both bedrock and sediment to track glacial and paraglacial erosion of the northwest Scottish Highlands. Geological Society of America *Abstracts with Programs*, 48, 7, doi: 10.1130/abs/2016AM-280958.

Awards at GSA

Congratulations to Ivan who received recognition for his research proposal of exceptional high merit in concept and presentation. And Liz was asked to present her that was awarded the best poster at the GSA North-Central Section.



Picnic Tomorrow

Our colleague in Geography, Dr. Richard Beck, has very kindly invited us all to a picnic he is organizing at his farm. Please see details listed below.

Fall Science Picnic (UC and Miami)

**1 PM – onward, Saturday, October 01, 2016
Red Cedar Farm, Oxford, OH
3356 Indian Creek Road (up the steep hill)**



**Pulled pork, chicken, vegetables, corn bread, sodas,
keg beer*, water and snacks will be provided.**

**Grilled Food Served Starting at 2 PM
Rain or Shine (We have a barn and shelters)**

**What to bring: Yourself, your family, fishing poles, sun screen, bug spray,
hat, jacket, special foods and drinks, folding chairs, games, music, and tent
and sleeping bag if you do not want to drive home in the dark.**

****For those of drinking age.***

Please RSVP by 23 September to richard.beck@uc.edu

Carl's news

Carl Brett, presently on sabbatical, attended the 35th Intl. Geological Congress held in Cape Town, South Africa during the week of Sunday August 29 to Friday September 3. As Vice Chair of the Subcommittee on Devonian Stratigraphy, he served as a delegate for the annual meeting of the International Commission on Stratigraphy. In addition, he participated in a semi-official field trip on the Devonian Bokkeveld Group in the Hex River pass area of the Cape Fold belt. This trip was capably led by Dr. Wendy Taylor (paleontologist, University of Cape Town and former PhD student of CB), and her student Mhairi Reid. A talk, based upon field and lab discussions with these researchers from Cape Town University, on taphonomy and paleoecology of extraordinary echinoderm assemblages from the Middle Devonian of the

Hex River area, was presented by C. Brett this week at the Geological Society of America Annual Meeting in Denver, Colorado. In addition, Carl participated in a 10-day post-meeting field excursion, by train and minivans, on the geology of South Africa, Zimbabwe and Botswana.

Earlier, in July, 2016, Carl and two UC students, Christopher Aucoin and Allison Young participated in the final meeting of IGCP 591 Middle Paleozoic Revolution, in Ghent, Belgium. They were involved in some five presentations and also participated in fieldwork in England (AY) and Belgium (CB). The latter has led to a new collaborative research project with Dr. Anne Christine DaSilva (Utrecht University) to refine the geological time scale in the Devonian using astrochronology based on cyclic stratigraphy. CB spent ten days in New York State in August helping Dr. DaSilva establish measured reference sections and sample for magnetic susceptibility in order to produce time series.

On other news, UC alumnus Nathan Marshall completed his PhD at Utrecht University, Netherlands. On June 30, 2016 he successfully defended his dissertation. C. Brett was involved as an outside examiner for the elaborate medieval style defense.

New Papers

Here's a bunch of new papers that have just been published:

Aucoin, C, and Brett, C.E. 2016. Sequence stratigraphic model for repeated "butter shale" Lagerstätten in the Ordovician (Katian) of the Cincinnati region, USA. *Canadian Journal of Earth Sciences* 53: 763-773.

Marshall, N. and **Brett, C.E.** 2016. Siltstone: a key to cyclicity in mixed siliciclastic-carbonate successions: example from Upper Ordovician Kope Formation (Ohio, Indiana, Kentucky). *Canadian Journal of Earth Sciences* 53: 823-835.

McLaughlin, P.I., Emsbo, P., Desrochers, A., Bancroft, A. **Brett, C.E.**, Riva, J.F., Premo W., Neymark, L., Achab, A. Asselin, E., and Emmons, M.M. 2016. Refining 2 km of Ordovician chemostratigraphy beneath Anticosti Island utilizing integrated chemostratigraphy. *Canadian Journal of Earth Sciences* 53: 1-10.

Don't forget to send me your news, particularly your GSA abstracts.

Cheers,

Lewis