## Seminar Schedule

**Geology Department**  
**Kansas State University**  
**Fall 2019**  
**Room # 213**  
**Thursdays 4-5 pm**

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<th>Date</th>
<th>Speaker</th>
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| Sept. 5  | **Dr. Min Liu**  
Los Alamos National Lab | Reactive flow in porous media: A pore-scale perspective                      | Behzad Ghanbarian         |
| Sept. 12 | **Dr. Jim Butler**  
Kansas Geological Survey | A roadblock on the pathway to aquifer sustainability: Underestimating the impact of pumping reductions | Behzad Ghanbarian         |
| Sept. 19 | **Dr. Andres Patrigani**  
Agronomy Department, K-State | The hurdles of capturing mesoscale soil moisture spatial patterns            | Matt Kirk                 |
| Sept. 27 | **Dr. Rachel Wood**  
University of Edinburgh | What triggered the Cambrian Explosion of animals?*                           | Karin Goldberg            |
| Oct. 10  | **Dr. Paul Enos**  
Geology Department, KU | Lateral Facies Variations in the Triassic Dachstein Platform: A challenge for Cyclostratigraphy | Karin Goldberg            |
| Oct. 17  | **Dr. Matt Hornbach**  
Earth Sciences, SMU | Forecasting slope failure and slide-generated tsunami hazards with IODP data | Aida Farough              |
| Oct. 24  | **Dr. Daniel Higgins**  
Chemistry Department, K-State | On the Nanoconfined Diffusive Translational and Orientational Motions of Single Molecules in Mesoporous Silica Films | Behzad Ghanbarian         |
| Oct. 31  | **Dr. Hendratta Ali**  
Fort Hays State University | Surface and subsurface investigations of dissolved inorganic carbon using stable carbon isotopes in sedimentary environments | Behzad Ghanbarian         |
| Nov. 7   | **Dr. Eugene Holubnyak**  
Kansas Geological Survey | Challenges and Opportunities for Carbon Capture and Storage in Midwest USA   | Behzad Ghanbarian         |
| Nov. 14  | **Dr. Alison Graettinger**  
UM at Kansas City | When magma meets water, things can get very messy, or not                   | Matt Brueseke             |
| Nov. 21  | **Dr. Colby Moorberg**  
Agronomy Department, K-State | Investigating the Pedosphere through Hydopedology and Root Ecology          | Matt Kirk                 |
| Dec. 5   | **Dr. Ali Mahdavi**  
Ruhr University Bochum | Effect of capillary fringe on pollutant transport                           | Behzad Ghanbarian         |

* Friday 12:30-1:20