

PhD and Post-Doc opportunities in Earth system history and stable isotope geochemistry

Dr. Morgan Schaller, Rensselaer Polytechnic Institute

Seeking highly motivated graduate students for PhD research opportunities in stable isotope geochemistry and earth system history at Rensselaer Polytechnic Institute for the fall 2015 academic year.

PhD and Post-Doc positions are available in the new stable isotope lab at the department of Earth and Environmental Science (EES). Primary supervisor would be Dr. Morgan Schaller. EES has an active and scientifically diverse faculty with a history of open collaboration.

Research topics include:

- Assessing the scale of seasonality, and its latitudinal expression in response to pCO₂ change in the Late Triassic Hothouse.
- Stable isotope studies on paleosols, reconstructing past concentrations of atmospheric CO₂, and further refinement of the 'paleobarometer' through new techniques. This project involves the newly recovered Colorado Plateau Coring Project Core.
- Isotope signatures in ancient lacustrine sediments.

Interested candidates should contact Morgan Schaller at schall@rpi.edu and apply through the graduate school online at: <http://admissions.rpi.edu/graduate/>

The deadline for application is **January 1, 2015**