Friday April 3, 2015

ESci Research Symposium

Establishing a new tradition of celebrating student research efforts with a casual event that is open to the public.

**Talks**

**Pillsbury Hall Room 110**

*3:15-5:00pm*

**Johnny Zhang**

Fe-Ni-S-C system under high pressure, with its implications to Earth’s mantle

**Drew Syverson**

Application of non-traditional isotopes to hydrothermal systems

**Colleen Hoffman**

Particulate iron speciation and transport in the East Pacific Rise 150S hydrothermal “mega” plume

*(4:00-4:15pm break)*

**Benjamin Tutolo**

Integrating experimental observations into reactive transport simulations of geologic CO2 sequestration reservoirs

**Dan Maxbauer**

Do iron oxide minerals in paleosols record climate?

**Michele Stillinger**

Archaeomagnetic Dating: Using the record of the Earth’s magnetic field stored in fired ceramics as a complementary dating technique

**Posters**

**Pillsbury Hall Reading Room 204**

*food from Zakia Deli*

*5:00-6:30pm*

**Benjamin Tutolo**

The role of geochemistry in the creation and destruction of porosity and permeability in geologic systems

**Colleen Hoffman**

Iron and Carbon speciation in the 15S East Pacific Rise hydrothermal plume and sediment

**Will Nachlas**

Longevity of ductile shear zones from diffusion speedometry in deformed quartz

**William Callebert**

A Paleomagnetic Study of the Itararé Group in the State of São Paulo, Brazil: Inclination Shallowing Corrections and their Implications for Pangea Reconstructions

**Wes Rutelonis**

Watershed Scale Simulation to Explain Observed Hydrogeochemical Trends and Mercury Bioaccumulation