Beury Hall Ribbon Cutting Ceremony celebrates $25 million renovation project
The Departments of Chemistry and Earth and Environmental Science celebrated the completion of the $25 million renovation project with a ribbon cutting ceremony on March 5, 2009. Temple President Ann Weaver Hart and Dean Hai-Lung Dai made remarks before the ribbon cutting ceremony and reception. Tours of the new facility showcased the 5-year project which generated new specialized instructional classrooms for geology students and a semi-smart microscope projection system in the EES department labs.

EES Alumni Sarah Hetznecker inducted into Temple University League for Entrepreneurial Women’s Hall of Fame
Sarah Hetznecker, BA ’83, was inducted into the Temple University League for Entrepreneurial Women’s Hall of Fame on October 28, 2008. Hetznecker is director of project development, Conergy Americas, and founded a solar energy company with her husband, Gary Sheenan, also BA ’83. The League for Entrepreneurial Women recognizes outstanding leadership and promotes entrepreneurship in the Philadelphia region.

CST in the News: EES professors in Philadelphia Inquirer
Professors Laura Toran and George Myer from the Department of Earth and Environmental Science were quoted in a story on roadside ice formations in the January 19, 2008 issue of the Philadelphia Inquirer.

CST celebrates their 10th anniversary with a Home-made Earthquake!
The College of Science and Technology’s 10th Anniversary Celebration Kickoff featured the Earth and Environmental Science Department’s Home-made Earthquake. Derrick Pitts, Chief Astronomer at the Franklin Institute, led nearly one hundred 3rd and 4th graders from Duckrey Elementary School in a test of the impact synchronized jumping had on a nearby seismograph. Fran Dunphy, Dean Dai, Earth and Environmental Science professor Jon Nyquist and a large crowd joined in a final jump that registered off the charts!

Geology and Environmental Science Majors Remain Strong
The EES department continues to have a steady number of students entering the Geology and Environmental Studies programs. The Geology BS and BA degrees currently have 37 majors. The Environmental Studies BS (now known as Environmental Science) has 21 majors, and the Geology MS welcomed 5 new students this year, joining 6 second year graduate students.

Department of Geology name changed to Earth & Environmental Science
In July of 2008 the Department of Geology changed its name to the Department of Earth And Environmental Science. The name change reflects the increasing diversity of the science performed in the Department but does not change the administrative or academic structure. The department continues to offer BS, BA, and MS Geology degrees and continues to advise students pursuing the interdisciplinary degree in Environmental Science.

Summer and Fall Field Trips
Emeritus faculty Gene Ulmer and instructor Natalie Flynn (MS ‘96) took students on a field trip to the Adirondacks this fall, visiting garnet and wollastonite mines as well as Whiteface Mt. In this photo students look at roadside outcrop, with Professor Ulmer at far right.

Some of the students from the fall hydrogeology class went caving with the Philadelphia Grotto. Students got in and out of some tight spaces!
Support EES

Make your personal best gift to support the students in the Department of Earth and Environmental Science. Your generous donation can help provide student scholarships to attend field camp or assist student research projects. Please send your gift in the enclosed envelope and help support our EES Department.

Questions? Contact Brooke Walker, 215.204.4776 or brooke.walker@temple.edu
1803 N. Broad St., Carnell Hall Suite 400 Philadelphia, PA 19122

New EES faculty member Nicholas Davatzes took students to study the effects of clay gouge in the Moab Fault in Utah.

Geology Theses

<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis</th>
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<tbody>
<tr>
<td>Jim Mikochiko</td>
<td>Using groundwater modeling to understand the factors controlling seepage patterns.</td>
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<tr>
<td>Natasha Mitchell</td>
<td>Electrical resistivity and ground penetrating radar as tools to characterize groundwater-surface water interaction at Mirror Lake, NH.</td>
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<tr>
<td>Christian Obasi</td>
<td>Measuring the rate of sedimentation along the K-T boundary of the glauconite bearing Navesink and Hornerstown Formations, NJ.</td>
</tr>
<tr>
<td>Holly Sobocinski</td>
<td>The effect of spodic soil processes on the weathering of lead shot pellets.</td>
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<tr>
<td>Jesse Thornburg</td>
<td>Temporal variations in the paleopedology and paleoclimatology of the mid-Cretaceous Hope Plantation Core, Berks County, NC.</td>
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Do you want to be on the mailing list for department events and announcements? Send an email to ltoran@temple.edu and state your name, major and year of graduation. For more information on these news items or the Department of Earth and Environmental Science, please visit www.temple.edu/geology or www.temple.edu/cst/env-sci (Environmental Science).