Allen Academy: Web space (continuing)

*EPICS Team Advisor:* TBA  
*Client’s URL:* http://www.allenacademy.org/  
*Client contacts:* Mr. Nathan McCoy (NMccoy@allenacademy.org)  
*Notes:* Allen Academy, a local K-12 school, has been experiencing growing pains with its web site. The team is continuing the process of evaluating the site and exploring alternatives for making it more responsive to current and prospective parents and students, as well as to the faculty and staff of the school.

Campus Sustainability office 1: Bike racks (continuing)

*EPICS Team Advisor:* TBA  
*Client’s URL:*  
*Client contacts:* Ms. Kelly Wellman (kwellman@tamu.edu)  
*Notes:* The team is looking at designing a new bike rack to improve the experience of parking a bike on campus. This is a section of a larger project that is trying to increase the LEED ratings of buildings on campus. Previous semesters’ classes have designed and mocked up several possible designs for the racks. This semester’s team will continue this process, hopefully winding up with a testable prototype.

Campus Sustainability office 2: Solar panels (new)

*EPICS Team Advisor:* Dr. Mahmoud El-Halwagi (CHEN)  
*Client’s URL:*  
*Client contacts:* Ms. Kelly Wellman (kwellman@tamu.edu)  
*Notes:* This will be a new project that will demonstrate the application of solar panels on campus.

The Children’s Museum of the Brazos Valley (continuing)

*EPICS Team Advisor:* Dr. Larissa Pchenitchnaia (CHEN)  
*Client’s URL:* http://mymuseum.com/  
*Client contacts:* Ms. Karrie Bourquin (programs@mymuseum.com)  
*Notes:* This project involves educating children about math, science, and engineering by designing displays made from recycled materials and providing a fun hands-on interactive experience for The Children's Museum of the Brazos Valley. Previous teams have created exhibits including a light box for x-ray display, a thermin, and a demonstration of how oil and water separate.
Habitat for Humanity (continuing)

**EPICS Team Faculty Advisor:** Dr. Lale Yurttas (CHEN)

**Client’s URL:**

**Client contacts:**

**Notes:**
Our local Habitat for Humanity wants the help of some Aggie engineers to improve the efficiency of building a house. Design, build, and deploy systems that will be actually used by the organization. Help a great service organization and get some real world experience while getting a grade. Current project is green home design.

Transportation services: Speed bumps (continuing)

**EPICS Team Advisor:** TBA

**Client’s URL:**

**Client contacts:** Ms. June Broughton (june@tamu.edu)

**Notes:**
The team has worked with transportation services to examine ways in which our parking garages can become more sustainable. The previous semester’s team designed and created a mockup of a speed bump that could generate electricity as cars passed over it. This semester’s team will continue the project.

TAMU Water Project (continuing)

**EPICS Team Advisor:** TBA

**Client’s URL:** http://tamuwaterproject.wordpress.com/

**Client contacts:** Dr. B. Stephen Carpenter, II (bscarpenter@tamu.edu) and Dr. Bryan Boulanger (bboulanger@civil.tamu.edu)

**Notes:** The best time to meet with the clients will be Friday afternoons
The TAMU Water Project produces ceramic water filters that provide an affordable way of gaining access to potable water for residents in the Texas Coloniaas and in other rural communities locally and worldwide. Last semester’s team redesigned the press that is used to form the filters. This semester’s team will continue the deployment of the press as well as other applications of engineering principles to this important project.