- 6. (Steve Colman) The student team was charged with developing a business plan to redesign the US Vets Dining Hall into a restaurant that would help unemployed U.S. vets to transition into civilian life. The business plan included developing a menu, physical environment, and educational material on healthy eating into the daily lives of the vets.
- 7. (<u>Terry Geiling</u>) The Manor proposed a joint study that was conducted with the SMBA program to identify and evaluate the best possible
 - providing the most long term economic, social and environmental benefits to the AGSM, the Manor, the local community and the City of Long Beach. These uses must be consistent with the mission statement of the Manor.
- 8. (Steve Colman) In collaboration with Century Villages at Cabrillo (CVC) and the American Indian Changing Spirits (AICS) organization, the SMBA student team developed the blueprint for a Social Enterprise venture that provides AICS clients with employment skills that help them transition into the work force, while engaging in the recovery treatment needed to overcome their addiction, in the serenity of their native culture and spirituality. The client project included developing a line of products that were in consistent with the Native American culture while also providing an opportunity for the AICS clients to learn a skill that is the foundation for their social enterprise. The goal of this social business plan is to become self-sustaining in the long run
- 9. Aquarium of the Pacific (

GIS mapping) to population location, business sector locations, and infrastructure investments, adaptation strategies were identified at the implementation level versus a more general set of options that may or may not be relevant for the immediate problem. This strategy was developed for the one of the poorest zip codes of Long Beach.

CSULB Projects:

- 1. Sustainable Transportation Project Bouton Creek Bike Path (<u>Paul Wingco</u>) The design and planning of a bike path along the north side of Bouton Creek (Bellflower Blvd to the campus) and then continuing from the north side of Bouton Creek and the Foundation Building to Los Alamitos Channel and the San Gabriel River. The result of this project produced the detailed architectural plans for the bike and foot path linking the university to the city of Long Beach. These plans are currently being implemented by the university facilities department.
- 2. Sustainable Energy Project Tri-Gen plant feasibility study (Paul Wingco, paul.wingco@csulb.edu) This project goal was to provide the research needed to help facilities identify the greenhouse gas emissions cost impact of operating a tri-generation system. The team provided a set of options based on a cost-benefit analysis integrating some innovations that were in the pipeline.
- 3. CSULB Convenience Store (<u>Don Penrod</u>) A student team developed the business plan and re-design of the USU convenience store to create a more sustainable model for the store. The team worked with the design students from the Graphic Design department to combine the physical re-design of the store with a re-design of the product lines within the store.
- 4. RealFood Challenge (<u>Don Penrod</u>) A student team developed the initial framework and training to implement the Real Food Challenge in the university dining halls. The focus of this project was to do the initial audit of all food vendors and set up the system based on the guidelines of the Real Food Challenge as well as the constraints of the university food services.
- 5. Solar Carports (<u>David Salazar</u>) CSULB has developed a Climate Action Plan to make the university carbon neutral by 2030. An important aspect of that plan is to develop alternative energy to replace energy from fossil fuels that comes from the grid. This project evaluated the business case from a sustainability perspective for a solar carport that would cover the largest parking lot on campus. The university is now in the process of implementing the project in Lot 14.
- 6. Sustainable transportation (<u>Ellie Christov</u>) The student team was charged with transportation fleet. The goal was to develop f g-8(ip code)-2(lenciae Ch)3álg-8(i)-3(lam)]Tplo

goal of the Climate Action Plan. Developed a comprehensive list of CSULB fleet vehicles and the uses of those vehicles. Then, prepared an electronic tool for evaluating future vehicle replacements based on both costs and environmental impacts. Provided a variety of other recommendations on procurement policies, replacement battery polices, and use of cargo carts to further the goal of CO2e reduction.