

Administrative and Educational Support Report*

Coastal Studies Laboratory

Annual Action Plan Annual Assessment Report

June 2007 – May 2008

*Student Learning Outcomes for this department are available at
<http://www.ie.utpa.edu/CoBALearningOutcomes.htm>



Annual Action Plan: June 1, 2007–May 31, 2008

Unit: **Coastal Studies Lab**

UTPA Mission: The University of Texas-Pan American (UTPA) serves the higher education needs of a rapidly growing, international, multicultural population in the South Texas Region. The University preserves, transmits and creates knowledge to serve the cultural, civic, and economic advancement of the region and the state. The University provides students advanced instruction in academic programs offered through innovative delivery systems that lead to professional certification, and baccalaureate, master’s and doctoral degrees. Through teaching, research, creative activity and public service, UTPA prepares students for lifelong learning and leadership roles in the state, nation and world community.

Division: **Academic Affairs**

Unit Head: **Miguel Nevarez**

Unit Mission: The mission of the UTPA CSL is to enhance understanding of, and provide educational opportunities in, both basic and applied research of the biological, chemical, and physical processes of the South Texas Coastal Zone and to serve as a public service information center on South Texas Coastal ecosystems.

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective:

College/AVP Objective:

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Provide field based learning opportunities for academic course	Increase faculty use the CSL for their field based course experiences.	1.Survey faculty for coastal field experiences opportunities in their courses.	Have two courses utilize the CSL resources for field trips.	Student travel

Annual Action Plan June 1, 2007–May 31, 2008

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
		2. Offer to faculty CSL conducted course related field trips. 3. Supply faculty with live specimens	Supply marine specimens for four on-campus laboratory exercises.	
Provide an optional off-campus site to conduct courses	Survey catalog and faculty for appropriate course opportunities, including non-science courses and programs unavailable to most Cameron County students.	1. Offer mini-mester courses 2. Offer graduate courses to fulfill degree requirements for students in Cameron County 3. Evaluate distance learning resources and faculty interests in distance learning.	Two graduate courses offered at the CSL. In first year, provide training in distance learning techniques for two faculty members.	Faculty travel CSL distance learning equipment upgrade.

Annual Action Plan June 1, 2007–May 31, 2008

UTPA Goal: Collaborate with K-12 schools to enlarge the pool of applicants who are personally prepared and academically qualified for higher education

Academic Affairs Objective:

College/AVP Objective:

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Establish programs to engage public schools	<ol style="list-style-type: none"> Engage Region-1 STEM teachers and administrators Develop STEM teaching support activities. 	<ol style="list-style-type: none"> Host workshops for science teachers from Region-1 Identify models for programs Develop hands-on learning fieldtrips for students Pursue grant funding 	<ol style="list-style-type: none"> Report on at least one initial planning workshop for teachers. Identify three prospective model programs. Prepare pre-/post-tests for Gear-Up and other K-12 related programs at CSL and report on recommendations for improved K-12 curriculum related learning. Two submission of grants Develop a CD, poster or brochure specifically directed to K-12 teachers. 	
Collaborate with existing K-12 programs at UTPA	<ol style="list-style-type: none"> Use Gear Up success to market capabilities to other UTPA K-12 programs. The cost of using CSL resources be included in grants submitted by other UTPA K-12 programs. 	<ol style="list-style-type: none"> Identify ongoing K-12 efforts on main campus. Begin talks with sponsored research for advisement of planned K-12 related proposals to be submitted by faculty. Increase exposure of CSL activities and opportunities to faculty. 	<ol style="list-style-type: none"> Identify two new potential collaborations. Identify two planned grant proposal submissions. Prepare a flyer (paper or electronic) on CSL resources, capabilities and experiences in K-12 support to be distributed to all UTPA faculty. 	

Annual Action Plan June 1, 2007–May 31, 2008

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Utilize Ocean Literacy principles for science programs	1. Tie in the ocean principles to the science TEKS 2. Conduct summer camps 3. Computer to display learning material	1. Develop a learning module for one day field trips. 2. Develop summer camps for Island visitors' children. 3. Update teaching equipment	1. Develop three age-specific modules 2. Conduct 12 camps	\$60,000

UTPA Goal:

Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship

Academic Affairs Objective:

College/AVP Objective:

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Support faculty research	1. Conduct a survey through the Advisory Council meetings 2. Maintain log the use of the CSL resource by faculty	1. Identify potential areas of research for faculty 2. Increase faculty utilization of CSL resources	1. Meeting of Advisory Council 4 times a year. 2. 15% increase	

Annual Action Plan June 1, 2007–May 31, 2008

Unit Objective	Measurable Outcomes and Criteria for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Establish collaboration with institutions that have interests in coastal studies	<ol style="list-style-type: none"> 1. Work with UTB to establish dormitory use for faculty and students with collaboration agreement. 2. Increase mutual use of each other facilities 	<ol style="list-style-type: none"> 1. Expand collaboration with UTB & UTMSI. 2. Broker local partnerships to support research projects. 3. Explore collaborative grant possibilities with other Texas and Mexico Gulf Coast researchers. 	<ol style="list-style-type: none"> 1. Submission of a grant to upgrade UTB and UTPA Coastal facilities. 2. Visit two Texas and one Mexican coastal studies laboratories. 3. Conduct one workshop with Rio Grande Valley researchers to share research interests and develop collaboration. 	
Identify and expand resources that CSL can provide for research	<ol style="list-style-type: none"> 1. Have Don Hockaday be written in as co-principal investigator for grants and research. 2. Replace boats and ATVs. Upgrade and expand seawater system. 	<ol style="list-style-type: none"> 1. Develop living collections of microalgae and filter feeding animals. 3. Develop independent CSL staff research program 4. Upgrade equipment. 	<ol style="list-style-type: none"> 1. Two different collections expanded 2. One pilot project completed 3. Find funding for equipment 	\$100,000

Annual Action Plan June 1, 2007–May 31, 2008

UTPA Goal:

Cont'd

Academic
Affairs
Objective:

College/AVP
Objective:

Unit Objective	Measurable Outcome for Unit Objective	Strategy(ies) to Achieve Unit Objective	Evaluation Methods for Measurable Outcome	New Resources Needed in FY08
Develop student research opportunities		1. Support internships 2. Develop a program for undergraduate research 3. Collaborate with other universities that offer graduate marine science programs (pipeline)		\$50,000

FY08 AES Assessment Results Report

UTPA

Admin - Coastal Studies Lab

Division: Division of Academic Affairs

Unit Head: Miguel Nevarez

Unit Mission: The mission of the UTPA CSL is to enhance understanding of, and provide educational opportunities in, both basic and applied research of the biological, chemical, and physical processes of the South Texas Coastal Zone and to serve as a public service information center on South Texas Coastal ecosystems.

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Admin - Coastal Studies Lab - Learning Opportunities - We will provide field based learning opportunities for academic course</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Survey faculty for coastal field experiences opportunities in their courses. 2. Offer to faculty CSL conducted course related field trips. 3. Supply faculty with live specimens.</p>	<p>Assessment Method: KEEP LOG OF COURSES USING CSL RESOURCES FOR FIELD TRIPS.</p> <p>Criterion for Success: Two courses utilize the CSL resources for field trips.</p>	<p>10/29/2008 - Three courses have utilized the CSL resources for their field trips.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Need an environmental education specialist</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2000</p>	<p>10/29/2008 - Criteria was meet but need additional personnel to conduct field trips.</p>
	<p>Assessment Method: KEEP LOG OF ON-CAMPUS LABORATORY EXCERICES USING</p> <p>Criterion for Success: Supply marine specimens for four on-campus laboratory exercises.</p>	<p>10/30/2008 - We have provided two different marine specimens to faculty at main campus.</p> <p>Result Type: Inconclusive</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Environmental Education Specialist</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2,000</p>	<p>10/30/2008 - Publicize to faculty at main campus</p>
<p>Admin - Coastal Studies Lab - Collaborate with K-12 schools - We will establish programs to engage public schools</p>	<p>Assessment Method: Conduct at least one program with public schools.</p> <p>Criterion for Success:</p>	<p>10/29/2008 - A workshop for teachers was conducted at the Coastal Studies Lab.</p> <p>Result Type: Criterion Met</p>	<p>10/29/2008 - To get teachers exposed to the CSL so that their classes would visit the CSL.</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Host workshops for science teachers from Region-1. 2. Identify models for programs. 3. Develop hands-on learning fieldtrips for students. 4. Pursue grant funding.</p>	<p>Report on at least one initial planning workshop for teachers.</p> <hr/> <p>Assessment Method: Engage Region-1 STEM teachers and administrators.</p> <p>Criterion for Success: Identify three prospective model programs.</p> <hr/> <p>Assessment Method: Prepare one pre-post test evaluating marine science day camps</p> <p>Criterion for Success: Prepare pre-/post-tests for Gear-Up and other K-12 related programs at CSL and report on recommendations for improved K-12 curriculum related learning.</p> <hr/> <p>Assessment Method: KEEP COUNT OF THE SUBMISSION OF GRANTS.</p> <p>Criterion for Success: Two submission of grants.</p> <hr/> <p>Assessment Method: Will develop one CD on CSL for K-12 teachers.</p> <p>Criterion for Success: Develop a CD, poster or brochure specifically directed to K-12 teachers.</p>	<p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified An environmental educational specialist needed.</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2,000</p> <hr/> <p>10/29/2008 - Not successful in engaging Region 1 STEM</p> <p>Result Type: Criterion Not Met</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>10/29/2008 - Continue conversation with Region 1 science specialist in identifying model programs.</p> <hr/>
<p>Admin - Coastal Studies Lab - Off-campus site to conduct courses - We will provide an optional off-campus site to conduct courses</p>	<p>Assessment Method: Survey catalog and faculty for appropriate course opportunities, including non-science</p>	<p>10/29/2008 - A survey was conducted and appropriate courses were found but faculty were not interested in teaching distance</p>	<p>10/29/2008 - Continue attempt to get faculty interested in teaching distance learning courses for</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Offer mini-mester courses. 2. Offer graduate courses to fulfill degree requirements for students in Cameron County. 3. Evaluate distance learning resources and faculty interests in distance learning.</p>	<p>courses and programs unavailable to most Cameron County students.</p> <p>Criterion for Success: Two graduate courses offered at the CSL.</p>	<p>courses. A graduate course was taught at the CSL during summer I 08</p> <p>Result Type: Inconclusive</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>Cameron County students.</p>
<p>Admin - Coastal Studies Lab - Increase exposure of CSL to K-12 - We will collaborate with existing K-12 programs at UTPA</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Identify ongoing K-12 efforts on main campus. 2. Begin talks with sponsored research for advisement of planned K-12 related proposals to be submitted by faculty. 3. Increase exposure of CSL activities and opportunities to faculty.</p>	<p>Assessment Method: Will identify two K-12 collaborations.</p> <p>Criterion for Success: Identify campus potential K-12 collaborations.</p>	<p>10/30/2008 - UTPA Research Experience in Marine Ecology Summer Camp and marine science day camps to public schools were held here at the CSL.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Environmental Education Specialist</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2,000</p> <p>10/29/2008 - Research Experience in Marine Ecology Summer Camp/UTPA was held at the CSL and non-gearup public schools marine science day camps</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified An environmentalist education specialist needed</p>	<p>10/30/2008 - To have marine science day camps with non-Gearup public school students.</p> <p>10/29/2008 - The results from the camps were very successful and hope to be able to continue and expand the marine science camps with K-12</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
		Resources Needed - Salaries: \$34,000 Resources Needed - Travel: \$2,000	
	Assessment Method: Keep count on grant proposals submitted. Criterion for Success: Identify two planned grant proposal submissions.	10/30/2008 - Environmental Literacy Grants for Formal K-12 Education. An Ocean and Atmosphere Theme For Texas Fifth-Grade Science Education Result Type: Criterion Met Next Step: Continue Current Strategy(s) Resources Needed - Classified Environmental Education Specialist Resources Needed - Salaries: \$34,000 Resources Needed - Travel: \$2,000	10/30/2008 - Grants were not funded, we will resubmit proposals with updates.
		10/30/2008 - An Ocean and Atmosphere Theme for Texas Fifth-grade Science Education; Environmental Literacy Grants for Formal K-12 Education; GLO Texas Beach Watch Program; Sea Turtle Beach Survey Result Type: Criterion Met Next Step: Continue Current Strategy(s)	10/30/2008 - Two of the grants have been granted, one has been denied and one is pending. We plan to resubmit the one that was denied.
	Assessment Method: Prepare one communication flyer. Criterion for Success: Prepare a flyer (paper or electronic) on CSL resources, capabilities and experiences in K-12 support to be distributed to all UTPA faculty.		
Admin - Coastal Studies Lab - Develop Camps/field trips - We will utilize Ocean Literacy principles for science programs	Assessment Method: Develop three age-specific modules.	10/30/2008 - Ocean science principles were matched to middle school TEKS science concepts. Result Type:	10/30/2008 - Will be used in future marine science day camps for middle school students.

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Develop a learning module for one day field trips. 2. Develop summer camps for Island visitors' children. 3. Update teaching equipment</p>	<p>Criterion for Success: Tie in the ocean principles to the science TEKS.</p>	<p>Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Environmental Education Specialist</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2,000</p>	<p>10/30/2008 - will continue to develop marine science modules for week long summer camps</p>
	<p>Assessment Method: Conduct two summer camps.</p> <p>Criterion for Success: Conduct summer camps using the TEKS outcomes.</p>	<p>10/30/2008 - one modules was developed for GearUp and one for the Marine Ecology Summer Camp.</p> <p>Result Type: Inconclusive</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Environmental Education Specialist</p>	<p>10/30/2008 - Try to increase the number of marine science day/summer camps.</p>
	<p>Assessment Method: Will purchase laptop.</p> <p>Criterion for Success: Computer to display learning material.</p>	<p>10/30/2008 - GearUp camps; Research Experience in Marine Ecology Summer Camps</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified Environmental Education Specialist</p> <p>Resources Needed - Salaries: \$34,000</p> <p>Resources Needed - Travel: \$2,000</p>	<p>10/30/2008 - A computer was used to display science learning modules for GearUp field trips.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Mark Outcome as Complete</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Admin - Coastal Studies Lab - Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship - We will support faculty research</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Identify potential areas of research for faculty. 2. Increase faculty utilization of CSL resources.</p>	<p>Assessment Method: Conduct a survey through the Advisory Council meetings.</p> <p>Criterion for Success: Meeting of Advisory Council 4 times a year.</p> <hr/> <p>Assessment Method: Maintain log the use of the CSL resource by faculty</p> <p>Criterion for Success: 15% increase</p>	<p>10/30/2008 - The 4 times that the Council met, discussions were held on how the Coastal Studies Lab would support faculty research. No survey has been conducted yet.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <hr/> <p>10/30/2008 - two new faculty members are now using the CSL facilities.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>10/30/2008 - Survey will be conducted to determine how research faculty could make a greater use of the CSL.</p> <hr/> <p>10/30/2008 - Same strategy will be used to promote faculty use of the CSL for research.</p>
<p>Admin - Coastal Studies Lab - Work with other institutions - We will establish collaboration with institutions that have interests in coastal studies</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Expand collaboration with UTB & UTMSI. 2. Broker local partnerships to support research projects. 3. Explore collaborative grant possibilities with other Texas and Mexico Gulf Coast researchers.</p>	<p>Assessment Method: Establish agreement for dormitory use for faculty and students with UTB.</p> <p>Criterion for Success: Submission of a grant to upgrade UTB and UTPA Coastal facilities.</p> <hr/> <p>Assessment Method: Keep log of the use of CSL facilities by other entities.</p> <p>Criterion for Success: Increase use of each others facilities with UTB, UTA-MSI and other entites</p> <hr/> <p>Assessment Method: Will keep log.</p> <p>Criterion for Success: Conduct one workshop with Rio Grande Valley researchers to share research</p>	<p>10/30/2008 - A grant was submitted to Marine Science Field Lab Support</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <hr/> <p>10/30/2008 - Marine Science Institute at Port Aransas and TAMU-CC were visited. No visit to Mexican University because of lack of travel money.</p> <p>Result Type: Inconclusive</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Travel: \$3,000</p> <hr/> <p>10/30/2008 - An Arroyo Colorado Watershed workshop and a Texas Parks and Wildlife workshops were held with area researchers for collaboration.</p> <p>Result Type:</p>	<p>10/30/2008 - Grant was not funded but will be resubmitted with updates.</p> <hr/> <p>10/30/2008 - As a result MSI and TAMU-College Station researchers have used Coastal Studies Lab research facility</p> <hr/> <p>10/30/2008 - The experience we gained from the workshops will help the CSL conduct future workshops.</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
	interests and develop collaboration.	<p>Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p>	
<p>Admin - Coastal Studies Lab - Expand CSL resources - We will identify and expand resources that CSL can provide for research</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p>	<p>Assessment Method: At least one research grant would involve a CSL staff member.</p> <p>Criterion for Success: A CSL staff member will be a co-principal investigator in a research grant.</p>	<p>10/30/2008 - Don Hockaday has been written in on three different grants: The Texas Beach Watch, Sea Turtle Beach Survey and Baseline Study for Oil Spill Planning.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>10/30/2008 - Success in obtaining grants will assist us in obtaining future grants for the Coastal Studies Lab.</p>
<p>Outcome Status: Active/Ongoing</p> <p>Strategies:</p> <ol style="list-style-type: none"> 1. Develop living collections of microalgae and filter feeding animals. 2. Develop independent CSL staff research program. 3. Upgrade equipment. 	<p>Assessment Method: Two different living collections will be added.</p> <p>Criterion for Success: expand living collections</p>	<p>10/30/2008 - A new outboard motor for the carolina skiff was bought. A jon boat with 25 hp motor were also bought. Additional 9.9 hp mercury outboard motor was bought.</p> <p>Seawater system has been upgraded and expanded. A new ATV was purchased.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p> <p>Resources Needed - Classified half time maintenance worker is critical to maintain seawater system (20 hr)</p> <p>Resources Needed - Maintenance & Operation: \$2500</p> <p>Resources Needed - Salaries: \$10,000</p>	<p>10/30/2008 - Resulted in increase of the use of the lab by faculty researchers and less break down on marine equipment.</p>
	<p>Assessment Method: Purchase of needed equipment</p> <p>Criterion for Success: Hydrolab multi-probe sonde with pH, DO, depth, temp, conductivity Spectrophotometer and accessories pH/selective ion meter w/probes.</p>	<p>10/30/2008 - Texas General Land Office purchased a brand new 2008 Ford F150 4x4 pickup to be used at the CSL.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>10/30/2008 - Pickup has been very useful to conduct research by CSL personnel and faculty researchers</p>

Intended Outcomes	Means of Assessment & Criteria for Success / Tasks	AES Assessment Results	Use of Result & Follow-Up
<p>Admin - Coastal Studies Lab - Support Internships - We will develop student research opportunities</p> <p>Outcome Types: Administrative - Fiscal Year 2008 Administrative - Fiscal Years 2009 - 2011</p> <p>Start Date: 06/01/2007</p> <p>Outcome Status: Active/Ongoing</p> <p>Strategies: 1. Support internships. 2. Develop a program for undergraduate research. 3. Collaborate with other universities that offer graduate marine science programs (pipeline).</p>	<p>Assessment Method: At least one undergraduate and one graduate internships.</p> <p>Criterion for Success: Secure internships for undergraduate and graduate student research.</p>	<p>10/30/2008 - CSL has supported faculty sponsored student research internships.</p> <p>Result Type: Criterion Met</p> <p>Next Step: Continue Current Strategy(s)</p>	<p>10/30/2008 - to better structure student research opportunities</p>