

Faculty Report Template

Name	Dr. Walter C. Oechel
Faculty/Rank	Professor
Department	Biology
College	Sciences
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Proposal title	Further development of an active teaching and research interaction between CIBNOR and SDSU
Country/ies visited	La Paz, Baja California Sur, Mexico
Institution visited	Centro de Investigaciones Biológicas del Noreste, La Paz, B.C.S, Mexico (CIBNOR)
Dates of travel	Feb 17-20 and April 11-24, 2000
Number of student participants:	1 from SDSU, 5 CIBNOR
Previous IP proposals submitted and grants awarded (list titles, countries and dates):	Developing the basis for an international curriculum in ecology and environmental science with CIBNOR in La Paz, Mexico, La Paz, Baja California Sur, Mexico, November 14-18, 1999
Have all required reports been submitted?	yes
Other funding for this activity available/applied for:	A Joint NSF International program with Mexico's equivalent organization, CONACyT, has been applied for as well at a grant to the Southwest Center for Environmental Research and Policy to deal with boarder issues.
Proposal Abstract (75 word maximum):	My plan is to work to develop an externally funded research program that will build the network and infrastructure to provide students both physical and intellectual support. A solid research program involving

SDSU and CIBNOR faculty will provide the environment for shared courses and graduate instruction. It is my premise that international agreements, such as the new one with CIBNOR, will be most meaningful and effective when there is a real shared professional interests and programs.

Travel report:

- I. Opening/overview of intentions/activity** The primary objective of the activities supported by this grant period involved coordinating faculty and students at CIBNOR and SDSU in submission of proposals as well as establishment of a research site to focus joint activities.

- II. In preparation for the trip abroad** Due to previous trips, initial contact had been made. The primary preparation consisted of exchange of information via e-mail for submission of proposals.

- III Upon arrival/specific activity** In February, my self, Steve Hastings (adjunct faculty, SDSU) Drs. Al Sweedler and Paul Ganster (SDSU) met with CIBNOR faculty where they presented their research interests and a discussion of opportunities in joint, Global Change research was discussed.
Dr. Gustavo Arnaud Franco (gamaud@cibnor.mx) talked about his work on chemical analysis of plants and the possibilities of student projects in both the field and the lab at CIBNOR.
Dr. José Luis Ochoa (jlochoa@cibnor.mx) presented his research activities related to bio toxins, red tides, and effects on sea birds, mammals, and relations to aqua culture. The biomedical aspects of his research were discussed.
Dr. Ricardo Augusto Scrosati (scrosati@cibnor.mx) discussed his research activity in benthic ecology with an emphasis on seaweeds and population genetics.
Dr. Alfredo Ortega Rubio (aortega@cibnor.mx) talked about applied ecology in conservation, rational utilization and sustainable management of renewable natural resources and his activities related to global change.
Dr. Sergio Hernández Vázquez (sherman@cibnor.mx) spoke about the graduate program at CIBNOR for students at SDSU as well as potential projects for students on long term populations changes of lobsters, abalone, and sardines compared with long term weather data.
Dr. Joseph Dubrovsky (jdubrov@cibnor.mx) presented his work on cactus and his interest in the ecophysiology of their embryonic development.
Ms. Ana Maria Talamantes Cota (atalaman@cibnor.mx) gave a short presentation on the library facilities at CIBNOR.

In April, myself, Steve Hastings and Joint Doc student Rommel Zulueta established the eddy covariance tower structure, jointly making arrangements with CIBNOR to have a local contract erect and guy the