



MEMORANDUM

5/12/00
Stuart,
✓ approved.
Thanks.
EFT

To: Edward T. Foote II, President

From: *SG* Steven Green
Chair, Faculty Senate *SG*

Date: 8 May 2000

Subject: Faculty Senate Legislation #99022(B) - Approval of the Name for the Rosenstiel School of Marine and Atmospheric Science Comparative Sedimentology Laboratory

The Faculty Senate, at its 3 May 2000 meeting, voted to approve the name of a sponsored center, the Rosenstiel School of Marine and Atmospheric Science Comparative Sedimentology Laboratory, for the period of time of continuous funding and any extensions thereafter.

This legislation is now forwarded to you for your action.

SG/kl

cc: Luis Glaser, Provost
Otis Brown, Dean
Peter Swart, Marine Geology and Geophysics

CAPSULE: Faculty Senate Legislation # 99022(B) - Approval of the Name for the Rosenstiel School of Marine and Atmospheric Science Comparative Sedimentology Laboratory

RESPONSE BY THE PRESIDENT: Approved DATE: 5/11/00

OFFICE OR INDIVIDUAL TO IMPLEMENT: _____

APPROVED: [Signature]

EFFECTIVE DATE OF LEGISLATION: _____

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

file logs

Agenda Item B5 - 5-3-00 FS mtg.

December 8, 1999

MEMORANDUM

TO: Dr. Keir Becker, Vice Chair, Rosensteil School Council
FROM: Dr. Gregor Eberli, Professor, MGG
SUBJECT: Comparative Sedimentology

With this letter I kindly request that the enclosed proposal to establish the Comparative Sedimentology Laboratory within the Rosensteil School of Marine and Atmospheric Science will be considered for approval at the next School Council Meeting. After the approval it should be placed on the agenda for the next available UM Faculty Senate meeting.

The Comparative Sedimentology Laboratory is a sponsored center that coordinates research. It will neither offer an academic degree, nor teach courses, nor have any academic responsibilities involving curricula.

Comparative Sedimentology Laboratory (CSL)

A proposal for the Faculty Senate from the
Division of Marine Geology and Geophysics
Rosensteil School of Marine and Atmospheric Science
University of Miami

Mission and Approach

The Comparative Sedimentology Laboratory (CSL) is established to pursue basic research in Comparative Sedimentology to better understand the processes controlling the stratigraphic record and apply this knowledge to petroleum industry problems. To this means Comparative Sedimentology Laboratory is conducting integrated research in sedimentology, stratigraphy, geochemistry, and geophysics with the advice and/or in collaboration with oil company scientists. Industrial Associates pay an annual contribution to the Comparative Sedimentology Laboratory and in return are informed about the research results at an annual meeting.

Historical Background

Most sedimentary geologists study either modern sediments or their fossilized counterparts, but few focus on the comparisons. The T. Wayland Vaughan Laboratory for Comparative Sedimentology was established on Fisher Island in 1971 by Robert Ginsburg to bridge this gap with a special focus on carbonate sediments appropriate to the School's location and experience. With a grant from the National Science Foundation, one of the buildings of the former US Quarantine Station was converted to a Laboratory for teaching and research and provided with the basic equipment for field collection and analyzes of sediments and rocks. In 1990, Fisher Island was sold to developers and the Comparative Sedimentology Laboratory moved to the Virginia Key Campus of the University of Miami. In 1995 Dr. Ginsburg passed over the laboratory to a group of faculty headed by Gregor Eberli.

Research Facilities

Within the CSL the following technical laboratories and facilities:

- Seismic Processing and interpretation laboratory
- Petrophysics laboratory
- Stable isotope laboratory
- Paleomagnetism laboratory
- X-ray diffraction facility

Activities

Research projects are outlined annually in the Research Program Prospectus. The results of the projects are presented to the Industrial Associates in Miami. A field trip is organized in

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conjunction with the annual meetings. In addition, CSL offers seminar courses and field trips to oil company scientists in the modern and ancient depositional systems, e.g. Belize, Bahamas and the Paradox Basin (Utah). These courses facilitate the transfer of knowledge and technology from and to the CSL.

Personnel

The CSL currently consists of three faculty, two research scientists, two research associates and ten students, plus a number of technical personnel. The director of the CSL is currently Dr. Gregor Eberli.

FACULTY:

Gregor P. Eberli, Professor (Director), Ph.D. 1985, Geological Institute ETH Zurich, Switzerland
Peter K. Swart, Professor, Ph.D. 1980, King's College, University of London, England
Robert N. Ginsburg, Professor, Ph.D. 1953, University of Chicago

RESEARCH SCIENTISTS:

Donald F. McNeill, Associate Scientist, Ph.D. 1989, University of Miami/RSMAS
Lawrence B. (Taury) Smith, Assistant Scientist, Ph.D. 1996, Virginia Technical University

RESEARCH ASSOCIATES:

Greta MacKenzie, Ph.D. 1988, University of London
Amel Saied

Ph.D. STUDENTS:

Kelly Bergman
Karin Bernet
Xavier Janson
Lisa Greer
René Price
Geoffery Ellis
Aleksandra Yanik

MASTERS STUDENTS:

Tony Poiriez
Matthew Buoniconti
Jason Kislak

ADMINISTRATIVE ASSISTANT:

Karen Fleites

TECHNICIANS:

Alan Buck
Vivian Gonzalez
Cory Schroeder

Financial overview of the Comparative Sedimentology Laboratory

The Comparative Sedimentology Laboratory (CSL) was established on Fisher Island in 1971 by Robert Ginsburg to bridge this gap with a special focus on carbonate sediments appropriate to the School's location and experience. The laboratory is financed by national funding agencies and by an annual contribution from its industrial associates. For this contribution, which supports research into problems relevant to the petroleum industry, the members of the industrial associates receive access to the research being carried out by the faculty, staff, and students of the CSL. Eight companies are currently members of the CSL. The annual contribution for each company is \$28,000.00. Currently the Petroleum Research Fund and JOI/USSAC are supporting two projects within the CSL for a sum of \$180,000. This financial scheme of mixed contribution from industry and national funding agencies has been successful to finance the activities of the CSL since its foundation in 1971. Fluctuations in the hydrocarbon industry and in the size and numbers of funded projects from the National Science Foundation, JOI/USSAC, the Petroleum Research Fund and the Department of Energy control the annual budget.