



# NEWSLETTER

February 1983

WOODS HOLE OCEANOGRAPHIC INSTITUTION

## WHOI RECEIVES \$1.1 MILLION GRANT FOR ENGINEERING LAB, MPOM PROGRAM

The Institution has been awarded a \$1.1 million grant from The Pew Memorial Trust to establish an Ocean Engineering Research Laboratory and for continued support of the Marine Policy and Ocean Management Program. The two-year grant will provide \$400,000 for the establishment of the Ocean Engineering Research Laboratory and \$700,000 in continued support for the Marine Policy Program. The first grant installment of \$600,000 (\$250,000 for the engineering laboratory and \$350,000 for the marine policy program) has been received by the Institution. The remainder will be awarded in December 1983.

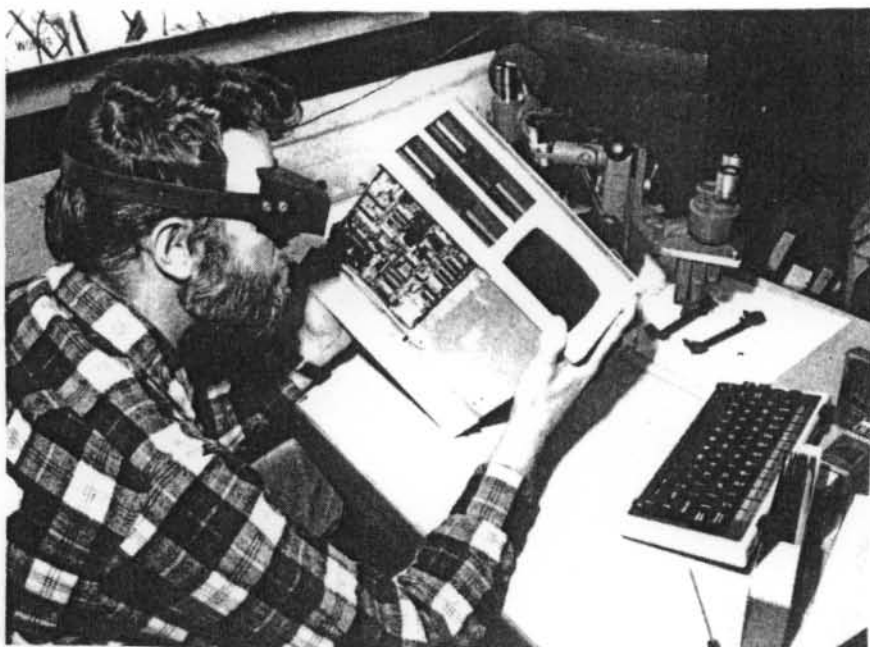
"Both programs represent important assets to the Institution. They broaden the context of our research into the basic problems of ocean science and provide essential interactions with those who will apply the results of our work," Dr. Steele said in making the grant announcement. "The wise use of the oceans depends on a combination of technical achievements and informed policies, so we envision a close relation between these programs. We feel

confident that the new Ocean Engineering Research Laboratory will mirror the success of the Marine Policy and Ocean Management Program which has been so largely due to the support and encouragement of The Pew Memorial Trust."

The Ocean Engineering Research Laboratory will be established within the Institution's present facilities. The new laboratory will provide a suitable environment for conducting state-of-the-art engineering research applied to the oceans and will enable the Institution to enlarge its role in fostering a strong engineering research effort.

The grant will also provide funds for innovative engineering research that falls outside the scope of traditional funding sources. "In particular, we expect to increase our working relations with high technologies in industry to our mutual benefit in programs involving instrumentation, acoustics, coastal and near-shore processes and deep submergence engineering," Dr. Steele added. "Fellowships will be provided for our own and outside investigators to work at the Institution on projects of common interest."

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Associate Scientist Sandy Williams of the Ocean Engineering Department checks his Otrona personal computer before setting it up in his lab in Smith. Sandy gave a talk on the portable computer at the noon micro-computer users' group meeting February 4 in the Smith Conference Room. Photo by Shelley Lauzon.

The continued support by The Pew Memorial Trust for the Marine Policy and Ocean Management Program has enabled the program to support important and timely marine policy research, build working relationships with policy makers in the U.S. and abroad, and develop expertise in ocean management, marine resources allocation and jurisdictional issues. Grant funds are used to support research fellows, a core staff of policy associates, research and administrative assistants and clerical staff, and are used to permit the program to respond rapidly to important unexpected research and policy opportunities and questions. Workshops and seminars are also sponsored by the Marine Policy Program. Present issues under investigation by research fellows and policy associates are marine mining, fisheries management, coastal management and marine pollution, cooperative international marine policy, Canadian and U.S. marine research and management issues with emphasis on the Arctic, use of scientific information in decision making and policy planning, and the impacts of the Law of the Sea Treaty on U.S. policies.

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#### SECRETARY OF ENVIRONMENTAL AFFAIRS TO SPEAK FEBRUARY 18 ON LOCAL ISSUES

James Hoyte, the new Secretary of Environmental Affairs for Massachusetts, will discuss the state purchase of Washburn Island, a proposed waste facility at Otis Air Force Base, and the future of development on Cape Cod as it relates to ground water supply at 10:30 a.m. February 18 in Redfield Auditorium.

The lecture is one of a series of events sponsored by the Institution, the National Marine Fisheries Service and the U.S. Geological Survey in celebration of Afro-American History Month.

On Tuesday, February 15, Claudia Zaslavsky, assistant professor of mathematics education at the College of New Rochelle, will speak on "Africa Counts: Number & Pattern in African Culture" at noon in Redfield Auditorium. At 3 p.m. that afternoon, James Wisdom of Boston University will present a workshop on "Uses of Computers in Education" for local high school students, teachers and counselors at the Morse Pond School, Jones Road.

Changes in personnel and shifts in responsibility have led to some confusion as to who is responsible for which shops in Facilities. To avoid problems and alleviate uncertainty as to where to discuss work orders and the like, the following is a brief breakdown of the new organizational structure of Facilities.

Barbara Vallesio (ext. 2205) responds to requests for scheduling Institution vehicles, making rental vehicle reservations, and issuing keys. She also handles questions regarding shuttle vehicles and reports of problems with or malfunctions of the WHOI telephone system.

Bill McKeon (ext. 2880) manages the Mechanical Shop, Instrument Shop, Shipping & Receiving, warehouse and materials/furniture assignment and moving functions. He also handles special assignments in construction and remodeling.

Ernie Charette (ext. 2702) manages the Carpenter Shop, Electrical Shop, plant mechanical force in Woods Hole and Quissett, the Mail Room, and vehicle operations and maintenance. Reports of problems with buildings or installed plant equipment should be directed to him. Ernie also handles special assignments in construction and remodeling.

Jim Mitchell (ext. 2232) has overall responsibility for Facilities activities. He manages telecommunications, plant security and cleaning, new construction, major renovations, space modifications, and property insurance. Questions regarding these activities or general questions about Facilities should be directed to him.

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#### SYMPOSIUM VOLUME NOW AVAILABLE

The volume of papers presented at the symposium on the present and future of oceanography, held in Woods Hole in September-October 1980 as part of the Institution's 50th anniversary celebration, has been published by Springer-Verlag of New York and is now available.

"Oceanography: The Present and Future" is edited by Peter Brewer, chairman of the symposium, and is for sale through Research Librarian Carol Winn. Employees may purchase personal copies for \$25.87 (regular price is \$39.80). If you would like to order a copy, contact Carol Winn in the Library, Clark 1, ext. 2512.



### TIME TO CELEBRATE!!!

Joint Program student Scott Glenn (center) celebrates with friends in Bigelow following his thesis defense January 12. From left to right: Paul Dragos, Bill Burke, Scott, Paul Speer and Mike Bruno. Photo by Shelley Lauzon.

### WOMEN'S DINNER PLANNED FOR MARCH 3

The first annual Women's Dinner sponsored by the WHOI Women's Committee will be held Thursday, March 3, at Fenno House.

Cocktails (cash bar at reasonable rates) and appetizers will be served at 6 p.m. and dinner at 7 p.m. Food will be prepared by The Catering Co. Cost is \$7.50 per person.

Invitations will be sent to all WHOI women including retirees and should be in the mail within the next week. If you have suggestions or questions, contact Susan Kadar, ext. 2329.

### WHOI RESEARCH ASSISTANT FIRST WOMAN TO WORK ABOARD R/V FLIP

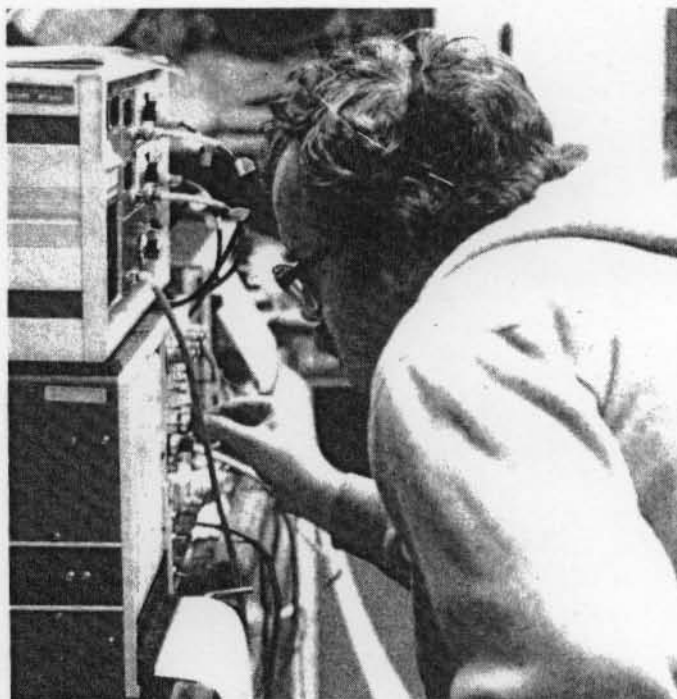
Research Assistant Erika Francis of the Physical Oceanography Department became the first woman to work aboard R/V FLIP during a December trip off California.

R/V FLIP (Floating Instrument Platform) was built in 1962, is owned by the U.S. Navy and operated by Scripps. It has a crew of six and carries a scientific party of 10. The unique platform "flips" from the horizontal to the vertical mode at sea and remains stationary for research.

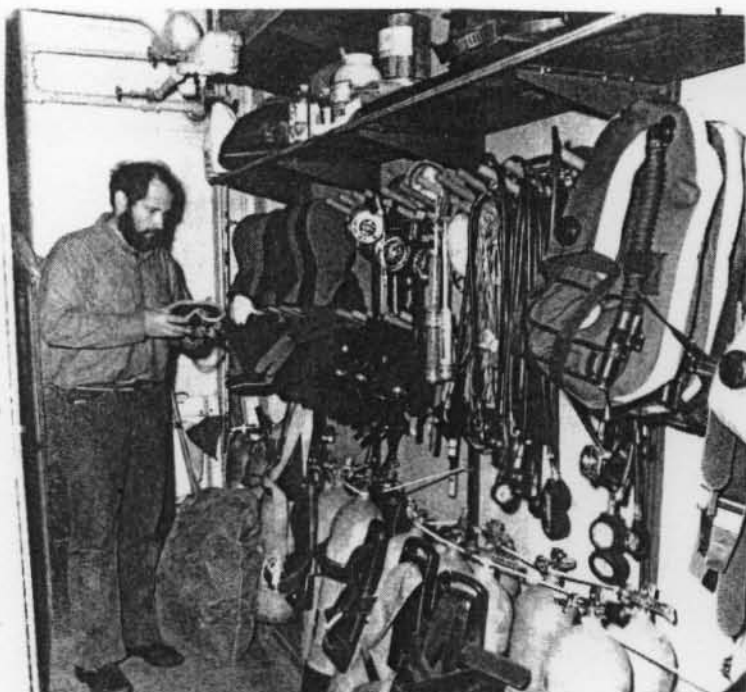
Among the scientific activities of the trip was successful testing of a new instrument, the Real-Time Profiler, designed by Research Specialist Jerry Dean to measure both horizontal and vertical currents. Chief scientist was WHOI Assistant Scientist Bob Weller.

### DON'T FORGET ENDEAVOUR AND FENNO FOR LUNCH

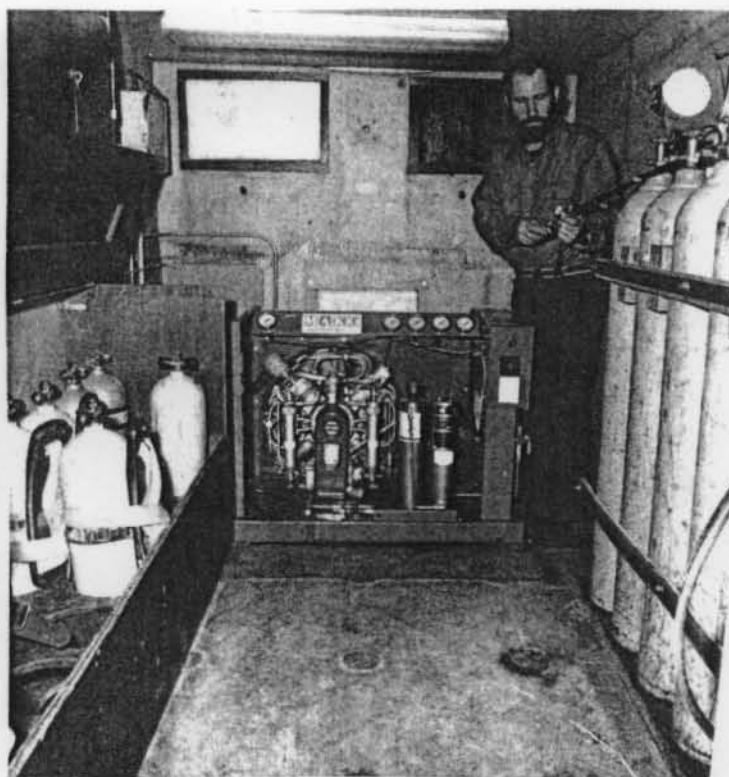
If you aren't sure what to do about lunch, don't forget about Endeavour House and the Buttery in Fenno. Soups, sandwiches, homemade bread, and assorted cheeses and other goodies are offered. The weekly menu is now posted on the bulletin board in the Clark lobby.



Assistant Scientist Bob Weller of the Physical Oceanography Department checks instruments during a December cruise aboard R/V FLIP off the California coast. Photo by Erika Francis.



Diving Supervisor Terry Rioux checks a mask in the Iselin diving locker (left). The compressor van (right) is ready to go to sea and was used during a 1982 cruise for Biologist Larry Madin. Scuba tanks are at left, the compressor is in the center, and the air bank is at right. Photos by Frank Medeiros.



#### SUMMER EMPLOYMENT APPLICATION DEADLINE SET

The deadline for both high school college students applying for summer employment at WHOI is April 15, 1983. The Personnel Office will not accept any applications after this date.

Please refer to Personnel Practice and Procedure #2.8 for instructions on hiring summer employees. Student salaries for Summer 1983 will be published in March.

#### MIT SHUTTLE BEGINS SPRING RUN

The shuttle for MIT began operation February 2 from the Smith parking lot and will leave each Wednesday at 7:30 a.m. Departure time may be adjusted depending upon class schedules. Preference is given to Joint Program students and instructors and all others are on a first come, first served basis. Departure from MIT will depend upon the time a majority of students have completed classes. The driver is Eric Edwards.

Procedure will be the same as in the past for pickup and delivery of materials in the Boston area. Leave packages and/or instructions with the guard in the Smith Lobby or call the Education Office for further instructions. Please be specific as to whom and where items are to be delivered. Contact the Education Office, ext. 2200, if there are any problems.

#### IN MEMORIAM

The Institution announces with sorrow the death January 19 of former employee Stanley Eldridge at age 85.

Stan was carpenter shop foreman from 1942 until his retirement in 1968. He began his association with the Institution in 1932, contracting for his services by the job, and was later hired full-time by Business Manager Bill Schroeder. His expert craftsmanship was evident throughout the Institution, both on shore and on the ships. When space was needed for support personnel during the early part of World War II, he was asked to construct a two-story building adjacent to the dock which became known as the White House.

**NEWSLETTER NOTICES** - Please send notices, photos or photo suggestions, and any other items of interest to the oceanographic community to Shelley Lauzon, editor, Co-op, ext. 2271.



## PROMOTIONS AND OTHER PERSONNEL CHANGES

Recent promotions include:

Lary A. Ball - Chemistry - from Research Assistant II to Research Assistant III.

Thomas A. Bouche - Facilities - from Assistant Electrician to Electrical Shop Supervisor.

Barbara J. Brockhurst - Chemistry - from Research Assistant II to Research Assistant III.

Catherine M. Cetta - Biology - from Research Assistant II to Research Assistant III.

Richard S. Chandler - G & G - from Research Assistant II to Research Assistant III.

Aganoris Collins - O.E. - from Research Assistant II to Research Assistant III.

Teresa A. Coughlin - from Janitor, Facilities, to Housekeeper, Personnel.

Wayne A. Dickinson - Chemistry - from Research Assistant II to Research Associate.

Michael J. Field - Facilities - from Senior Plant Mechanic to Plant Supervisor.

Robert E. Handy - G & G - from Research Assistant II to Research Assistant III.

Nancy A. Hayward - Chemistry - from Research Assistant II to Research Assistant III.

Joan B. Hulburt - Library - from Library Technician III to Library Assistant.

Robert E. McDevitt - P.O. - from Research Assistant III to Research Associate.

David J. Miller - Controller - from Senior Budget Analyst to Assistant Sponsored Programs Administrator.

Theresa G. Monroe - Personnel - from Staff Assistant-Benefits, to Benefits Administrator.

John R. Murphy, Jr. - Facilities - from Junior Plant Mechanic to Assistant Plant Mechanic.

Rosemarie F. Petrecca - Biology - from Research Assistant II to Research Assistant III.

Kathleen A. Ponti - from Housekeeper, Personnel, to Facilities Service Assistant, Facilities.

Ann C. Rams - O.E. - from Laboratory Assistant II to Research Assistant I.

Margaret M. Sulanowska - Chemistry - from Research Assistant III to Senior Research Assistant.

Recent transfers include:

Nadine N. Athearn - from Printer's Assistant, Graphic Services, to Janitor, Facilities.

Brian J. Littlefield - from Research Assistant, ALVIN/LULU Operations, to Research Assistant, O.E.

Recent appointments include:

Scott M. Glenn - Visiting Investigator, O.E.

Douglas R. Mook - Visiting Investigator, O.E.

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## IN MEMORIAM

The Institution announces with great sorrow the death January 12 of Trustee and Corporation Member Carroll Wilson at age 72.

A renowned scientist, technologist and management specialist, he was elected a Trustee and Member of the Corporation in 1963 and was serving at the time of his death. His association with the Institution began in 1959 when he was engaged as a management and educational consultant to the Institution; in the 1960s he was instrumental in establishing the WHOI/MIT joint graduate education program.

He received his B.S. degree from MIT and served that school in many capacities, including assistant to the president. He became a professor at MIT's Sloan School of Management in 1959 and retired in 1976 as Mitsui Professor Emeritus in Problems of Contemporary Technology.

Professor Wilson served as vice president of the U.S. Atomic Energy Commission in 1947-1951, was a member of the Rockefeller Foundation panel on international security in 1957-1958 and served as a consultant to the National Science Foundation. He held key positions in a number of mineral companies and was involved with several committees addressing man's impact on world climate, global energy prospects and alternative energy strategies. He served most recently as director of the European Security Study, a private group addressing NATO conventional defense capabilities.

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Monday, February 21, is Washington's Birthday. The Institution will observe the holiday. Enjoy the long weekend!



## TAX HELP WILL BE OFFERED MARCH 9

Personnel from the Internal Revenue Service (IRS) will be at the Institution March 9 to give WHOI employees help in preparing their 1982 tax return. This free service will be provided in a classroom setting if a sufficient number of employees indicate an interest. Advance reservations must be made by calling Jack Lindon, ext. 2705, or Terri Monroe, ext. 2706, by March 3.

Assistance will be given in the preparation of Forms 1040EZ, 1040A and 1040 with Schedules A & B. Schedules for 1040 other than A or B will not be covered.

Advance reservations must be made by March 3 by calling Jack Lindon, ext. 2705, or Terri Monroe, ext. 2706. Please indicate which tax form you plan to use when making your reservation. Meeting time and place will be announced in the Weekly Calendar of Events distributed March 4.

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## SPINDEL NAMED DIVING BOARD CHAIRMAN

Ocean Engineering Department Chairman Job Spindel has been appointed chairman of the Diving Board, succeeding Earl Hays, who has served on the Board since 1971.

In making the announcement, Director Steele extended his appreciation to Earl "for his participation on this Board which has been instrumental in governing the conduct of the Institution's Diving Program over the years."

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## NOTICE TO AUTHORS

It has been decided not to distribute the annual volumes of Collected Reprints internationally as has been done for the past 50 years. Instead, there will be five volumes of reprints bound each year, effective from 1981 (the 1980 Collected Reprints was printed in 1982). These may be consulted in the following offices: Research Librarian, Clark 1; Data Library, McLean; MBL Library; and Joan Hulburt's office, Bigelow 2.

Joan Hulburt would appreciate receiving one extra reprint of each article, with or without a WHOI contribution number, published in years subsequent to 1980 for binding the fifth copy. Articles should be sent to Joan at Bigelow 206.

## APPLICATIONS INVITED FOR NEW ZEALAND'S CAPTAIN JAMES COOK RESEARCH FELLOWSHIP

Applications are invited for the sixth Captain James Cook Fellowship to begin in early 1984. The fellowship, administered by the Royal Society of New Zealand, is awarded to one person of senior status for two years (extendable to three) to carry out research within New Zealand or the Southwest Pacific region in such fields as anthropology, biology, geography, geology, geophysics, history, medicine and oceanography.

The international research fellowship, established by the New Zealand Government to commemorate the 1969 bicentenary of Captain Cook's first landing in New Zealand, perpetuates Captain Cook's spirit of scientific enquiry and exploration in New Zealand and the Southwest Pacific.

Applicants must have at least five years of postdoctoral experience and published results of original research. Salary will be equivalent to the maximum for an associate professor in New Zealand universities (\$37,896 NZ per year in November 1981). A travel grant and moving allowance are also included.

Deadline for applications is May 31, 1983. Brochures and application forms are available from the Fellowship Office, Office of Scientific and Engineering Personnel, National Research Council, 2101 Constitution Avenue NW, Washington DC 20418 or from Margaret Maholland, Embassy of New Zealand, 37 Observatory Circle NW, Washington DC 20008.

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## WHOI-SHERATON SWIM PROGRAM HAS OPENINGS

There are still a few memberships available in the WHOI-Sheraton swim program. Members may use the Sheraton pool at a rate of \$1 per swim rather than the usual \$3 fee; membership fee for 1983 is \$20. For more information, contact Jim Churchill, ext. 2544.

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## GEOLOGICAL TIMETABLE WALL CHART FOR SALE

The wall chart, "The Geological Timetable" (third edition), compiled by F.W.B. van Eysmaga and published by Elsevier, is available in the Office of the Research Librarian, Clark 135A, for \$4.15 per copy.

# NEW FACES

February 1983



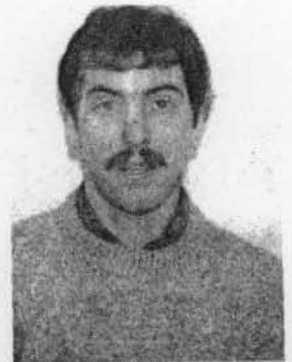
William R. Askew  
Security Guard  
Facs./R. Craft  
Smith Lobby/x2718



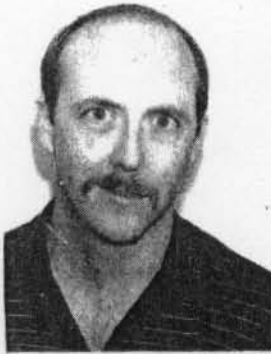
L. Conner Bailey, Jr.  
MPOM Fellow  
MPOM/D. Ross  
Swift/x2520



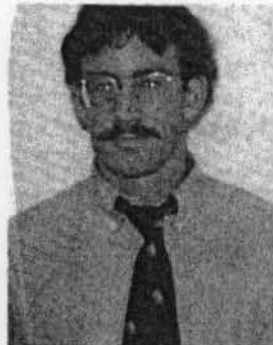
Cynthia Ebinger  
J.P. Student  
Educ./B. Tucholke  
Clark 224/x2467



Paul D. Fucile  
Research Assistant  
O.E./R. Nowak  
Big. 211/x2226



Ronald W. Gilmer  
Research Assistant  
Bio./R. Harbison  
Redf. 1-04/x2311



Porter Hoagland III  
Research Assistant  
MPOM/D. Ross  
Crowell/x2324



Vincent D. Lyne  
Postdoc. Investig.  
P.O./G. Csanady  
Clark 349B/x2544



Pauline M. Shaw  
Staff Assistant  
Oceanus Mag./P. Ryan  
Co-op/x2393

## DEFENSE DEPARTMENT REQUESTS REPORTS FROM CERTAIN FORMER OFFICERS AND EMPLOYEES

The Institution has received a letter from the Department of Defense asking for assistance in notifying WHOI employees who were formerly military or civilian officers or employees of that department about compliance with federal law regarding defense contracts.

Former military or civilian officers or employees of the Department of Defense employed by, or representing in certain capacities, defense contractors who have been awarded negotiated contracts totaling

\$10 million or more during the last fiscal year are required to file reports in keeping with the provisions of Section 2397 of Title 10, United States Code (formerly Section 410, Public Law 91-121). Reports are required from persons in this category who were separated from the Department of Defense on or after October 1, 1978, and employed by WHOI during fiscal year 1982 (October 1, 1981 through September 30, 1982). Failure to comply with the law is a misdemeanor.

If you have questions about this notice or need a reporting form, contact the Personnel Office in Blake.