
NEWSLETTER

WOODS HOLE
OCEANOGRAPHIC INSTITUTION



August 1991
(A Casualty of Hurricane Bob!)

Hurricane Bob Hits WHOI

See Photos Page 8, 9 & 16

It came quickly August 19 and with a fury unseen in many years. In a few hours it was gone, leaving behind a trail of incredible debris but sparing WHOI much of its wrath.

"We were very fortunate to have survived the storm with minor structural damage," Director Craig Dorman notes. "Thanks to all who helped with both the preparations before the storm and in the clean-up process after it."

Many thought Hurricane Bob wouldn't hit Cape Cod as they followed the news of a weekend storm off Cape Hatteras. But as the storm intensified Sunday, August 18, and continued straight for southern New England, the Institution began preparations to secure the physical plant.

By Monday morning, employees and students were busy taping windows, moving items away from windows and above potential water levels. ASTERIAS was moved to a storm mooring in Eel Pond, while the EAGLE MAR and visiting ship BETTY CHOUEST were secured at the dock. Windows were boarded up, equipment tied down or put away, and some low-lying offices dismantled and moved to higher ground.

Some Facilities personnel and a few employees remained at WHOI after the Institution closed at 11 a.m. and rode out

Photo by Shelley Lauzon



Assistant Facilities Manager Ernie Charette had a personal message on his Smith lab window.

the storm. Gusts reached 100 miles per hour, but luckily high tide was a few hours after the hurricane passed over Woods Hole and flooding of WHOI property was minimal. Facilities Manager Bill McKeon reports that, while damage assessments are still in progress, some water was reported in the Bigelow basement, Co-op basement and Dyer's Dock hangar but structural damage was minor.

"The major visible damage we have is trees," McKeon notes. "The exact number isn't yet known, but there could be hundreds down around the Institution. It will be a long process of removal and clean-up, but that effort is already well underway. We are also trying to assess the extent and value of lost scientific experiments and other less visible

Continued to page 16

New President of Corporation Elected

James McConnell Clark, a long time summer resident of Woods Hole, was elected President of the Corporation of the Woods Hole Oceanographic Institution at the Annual Meeting June 14. Jim's election continues his family's long association with WHOI, a relationship which began more than 40 years ago.

Clark is a former chief executive officer of Hornblower-Weeks, Hemphill Noyes in New York City and was most recently affiliated with Shearson Lehman Brothers, Inc. in New York City. He has maintained an active role at WHOI since 1976, when he joined the Associates Program. He became a Member of the Corporation in 1983, has served as a Trustee since 1984, and has been a member of the Executive Committee since 1985. He is also Chairman of the Building and Grounds Committee and member of the Development Committee.

Clark is also a Trustee and member of the Budget and Finance Committee of the Presbyterian Hospital in the City of New York, Trustee and Past President of the New York City Mission Society, Trustee of the Lincoln Center Institute, member of the President's Circle of the National Academy of Sciences, Trustee Emeritus, President Counsellor of Cornell University, Trustee of the Marine Biological Laboratory, and Director of the Associates of Cape Cod.

Upon his election Clark commented: "It is a great honor and privilege to be elected to this position. As a layman I keenly feel the responsibility for not just maintaining but improving the financial stability and wherewithal of the Institution. Our goal is to help relieve, if even by some small measure, the financial pressures placed upon our scientists so that they may have a freer mind in

pursuing their scientific goals. They are the top group in their field of endeavor. It is our job to be the top notch support team backing them up."

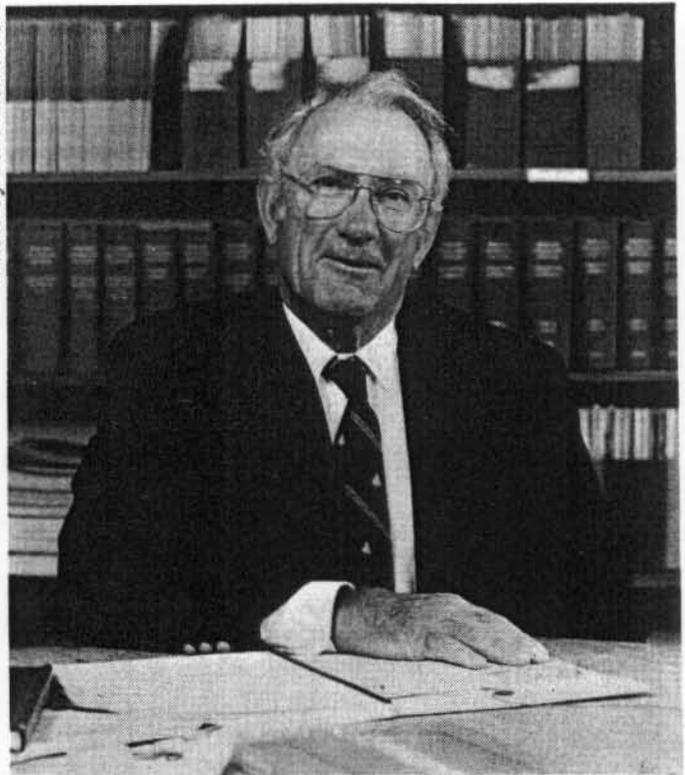
Clark's parents, W. Van Alan and Edna McConnell Clark, shared a close relationship with the Institution and its goals. W. Van Alan Clark, Sr. was a Member of the Corporation and a Life Associate, and, with his wife, were dedicated supporters and contributors to the Institution.

Their gifts helped endow the Institution's graduate education program, which was established in 1968 and is conducted jointly with MIT. Mr. and Mrs. Clark, Sr. also provided funds to construct WHOI's largest building, dedicated in 1974 and named in their honor, on the Quissett Campus. W. Van Alan Clark, Sr. died in 1976 and Edna McConnell Clark died in 1982.

Hays Clark, Jim's brother, is an Honorary Member of the Corporation, and his late brother W. Van Alan Clark, Jr. was also a Member of the Corporation, a Trustee, and served on the Audit Committee.

Several philanthropic foundations were established by Mr. and Mrs. Clark, Sr. which are directed by family members today. Jim Clark is Chairman, Treasurer and Trustee of the Edna McConnell Clark Foundation and Vice President and Treasurer of the Penzance Foundation.

Photo by Tom Kleindinst



James McConnell Clark

Hays Clark is President of the Penzance Foundation.

The Clark family has made many other generous gifts to the Institution in addition to the Clark Laboratory. In 1986 the W. Van Alan Clark, Sr. and Jr. Chairs for Excellence in Oceanography were endowed with an \$800,000 challenge grant from the Penzance Foundation. These permanently endowed chairs are awarded for a five-year period to tenured members of the Institution's scientific staff who have distinguished themselves through extraordinary accomplishments in marine scientific research and education. The first two recipients are Senior Scientist Bill Jenkins of the Chemistry Department and Mike Purdy, chairman of the Geology and Geophysics Department. The chairs are up for rotation this year.

WHOI Receives \$450,000 Keck Foundation Award

The Institution has received a three-year grant of \$450,000 from the W.M. Keck Foundation to support the development of sophisticated scientific instruments through a new program to be called the W.M. Keck Foundation Technology Innovation Awards.

The competitive annual awards will stimulate new approaches to oceanographic instrumentation development by encouraging collaboration among scientists and engineers as they seek answers to some of the critical questions about how the ocean works and what role it plays in global climate change.

The awards build on WHOI's long history of leadership in the development of oceanographic instruments, many of which have become industry standards, commercially manufactured and used worldwide.

"This award program will play a critical role in the development of new instruments required for ocean and earth sciences as scientists are increasingly called upon to address pressing societal issues, such as global climate change," Director Craig Dorman notes. "Through the years WHOI has been a leader in technology development, and this program will help us to continue that leadership role."

During the three years in which the W.M. Keck Foundation Technology Innovation Awards program will make grants, the Institution will be raising an estimated \$4 million to endow the technology development awards.

Under both the three-year Keck and the subsequent endowed award plan, WHOI scientists and engineers will submit short joint proposals which outline their hypotheses,

designs, project concepts and budgets. The proposals will then be reviewed by a panel of their peers and awarded on the basis of creativity and innovation in meeting a special instrumentation need.

The W.M. Keck Foundation, one of the nation's largest foundations in terms of annual grants, was established in 1954 by the late William M. Keck, founder of the Superior Oil Company, who also created in his will the W.M. Keck Trust for the benefit of the Foundation. The Foundation's primary focus is on grants to universities and colleges throughout the United States, with particular emphasis in the fields of science, engineering and medical research. It also provides limited support, focused on programs serving Southern California, in the areas of community services, health care, precollegiate education, and the arts.

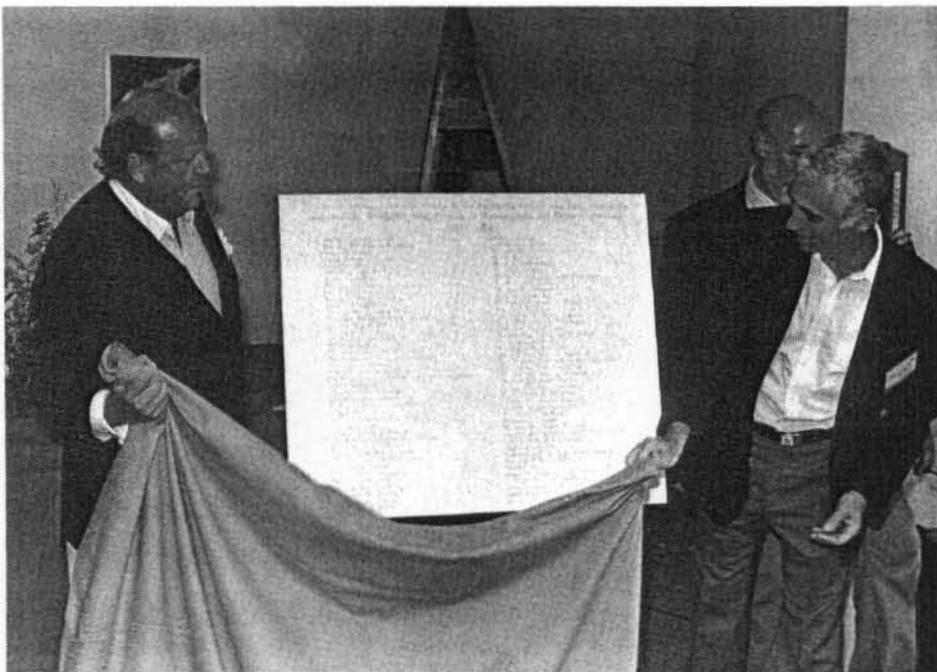
Student Lounge Dedicated in Clark Lab

The new Student Lounge in Clark Laboratory was formally dedicated August 16 in ceremonies attended by many former Deans of the Graduate Program and supporters of the Education Program.

Student poster sessions and a luncheon in Clark 507 followed the dedication ceremonies. Associate Director for Education and Dean of Graduate Studies John Farrington gave a brief overview of the development of the Joint Graduate Education program with MIT and noted the individuals who have served as dean since the program was established in 1968. The former deans present were asked to say a few words about their experiences.

The new lounge is located on the top floor of the Clark Annex.

Photo by Tom Kleindinst



Corporation Member E. Van R. Millbury (left) and Craig Dorman unveil a list of supporters of the Education Program at the dedication ceremonies August 16 in the new student lounge in Clark. (More photos page 4.)

Student Lounge Dedication in Clark Lab



Top left

Front: Associate Dean Jake Peirson. Left to right: Charley Hollister, Dean 1978-89; Robert Morse, Dean 1973-78; K.O. Emery, Dean 1968-68; Suzi Steinbach, whose late husband Burr was Dean 1968-73; and current Dean John Farrington 1990-present.

Top right

Joint Program students explain their research projects in poster sessions with guests prior to a luncheon in Clark 507.

Bottom

The new Student Lounge in Clark Annex.

**Photos top left and right by Shelley Lauzon.
Bottom photo by Tom Kleindinst.**



Network Policies for a WHOInet Connection

WHOInet is a resource that some 600 computer users share daily. The Data Communications (DC) group in IPCL has produced a new copy of the network policies called *WHOInet Connection Policies and Guidelines*. DC will give a copy of the form to new network users, but wants to review the policies so that current WHOInet users will be aware of them. For a copy of the policies, pick one up at an IPCL user area: Bigelow 213, Clark 169, Redfield 1-07, or Smith Lobby. Please help IPCL maintain the integrity of the networking community here at WHOI by adhering to these policies for all network connections.

Network Do's

If you have to move your machine to take home or use at sea, you can disconnect the network connection in the following manner:

- For an asynchronous connection, unscrew the connector from the comm port on the back of the machine.

- For an Ethernet connection, twist the t-shaped, silver T-connector from the port on the back of the computer or from the external transceiver box. Do not disconnect any other cables from the T-connector.

- For a PhoneNET connection, pull the circular adapter from the printer port on the back of the computer. The cable has a PhoneNET PLUS adapter on it.

Network Don'ts

- All network hardware, including cables and terminators (except thin Ethernet adapters) remain the sole property of IPCL's DC group. By purchasing a network connection you buy rights to the connection, but do not own the cables. Please do not disconnect any cables without prior authorization from DC and only use the cables they provide. Failure to abide by this policy could result in *disruption of the network* and even crashing WHOInet.

- Do not move your computer from one network connection to another without notifying DC first. They may have to reassign a network address to you before your computer will work properly. They must also keep records up-to-date to accurately diagnose network problems.

- Do not connect your machine to the network before you have IPCL configure the software or you properly configure it yourself. Doing so could

disable other devices on the network, including computers, printers, servers.

- Do not copy the IP name or address (unique network name and address for a machine) to another machine or make up IP names and addresses to use. You must register an IP name and address with IPCL for your individual use.

- Let DC know (x5003) if you *retire* your machine so that they can reuse the network address. Do not connect another machine without talking to them.

WHOInet maintenance

The maintenance for all of the previously mentioned hardware is the sole responsibility of DC, including costs to repair failed components. Report any problems to DC at x5003.

Thanks for the help

Thank you for helping maintain the quality of WHOInet by following the policies. If you have any questions or comments, please call DC at x5003.

DC wants to keep you informed concerning WHOInet, so look for an article in the next NEWSLETTER on surge suppression and lightning protection.

GMPC News

The Graded and Marine Personnel Committee (GMPC) is currently holding elections to replace members who are rotating off the committee after a two-year term. New representatives from Administration, AOP&E, Biology, Facilities and Services, Geology & Geophysics and the Marine Policy Center will be attending

the September meeting.

Nominations for representatives from marine personnel are currently being solicited via the GMPC-marine personnel liaison, Joe Milner. Replacements will be sought for those GMPC members who are also rotating off the Benefits Advisory Committee and the Assembly. New

GMPC representation on the Policy Advisory Committee will be established.

The GMPC is in the final stages of a report on the committee's activities/accomplishments during the 1989-91 term. The final report will be sent to all graded and marine personnel and to the Institution Administration.

Joint Program Students Sail on SEA's CORWITH CRAMER

Twenty-four Joint Program students (21 of the class plus 3 from the 1990 class) took part in the WHOI/MIT Joint Program cruise June 9-29 aboard the Sea Education Association's (SEA) 134-foot brigantine CORWITH CRAMER. The cruise was designed to provide an intensive shipboard experience that would introduce students to the challenges of living and working at sea and an opportunity for the students to get to know each other.

The cruise track took the vessel through diverse oceanic environments, from Woods Hole across the continental shelf south of New England, north to Georges Bank and then back to Woods Hole. While sailing 24 hours a day the students attended daily lectures, stood watch, deployed equipment, conducted sampling and performed analyses.

Abbie Jackson of the Education Office joined the students on the cruise, the second annual student cruise with SEA.

Top: Joint Program Student George Panteleyev discusses a research project with fellow students aboard the CORWITH CRAMER.

Right: Crew and students prepare for some net tows.



Calendar Photographs Wanted

It's time to choose photos for the WHOI Wall Calendar, and Graphics would like everyone to have a chance to be a calendar photographer.

Check your photo files for attractive slides or prints of any vintage, and send your calendar candidates to Vicky Cullen, Blake 2, by September 16.

Photos by Gwyneth Hufford

In Memoriam

Bernard Zentz

The Woods Hole Oceanographic Institution announces with great sorrow the death of Bernard L. Zentz August 5 in Falmouth. He was 71 years old.

Bernie served as Personnel Manager at the Institution from 1973 until his retirement in 1985. He joined the WHOI staff in October 1973 as Compensation and Benefits Supervisor, immediately developing a comprehensive wage and salary program, something the Institution did not have. He also wrote and developed job descriptions for all of the newly created graded positions. In January 1975, following Bruce Crawford's departure for a warmer climate, Bernie was appointed Personnel Manager.

Bernie was born in Kirksville, Missouri, and attended Northeast Missouri State Teachers College for two years, majoring in science, before enlisting in the Navy. In 1942 he was chosen for the Navy V-5 program and attended the aeronautics program at St. Mary's College in Orinda, CA. Commissioned an Ensign in 1944, he went on to a twenty-year career as a naval aviator, serving aboard aircraft

carriers as a fighter pilot, testing experimental aircraft weapons systems, and serving as project officer for the Office of Naval Research in Washington. He retired from the Navy in 1961 as a lieutenant commander and accepted a position as Administrative Assistant to the Director of Programming Systems Operation at Honeywell Company in Waltham. He left Honeywell in 1969 to join a new firm, Telefile Computer Corporation, which later closed Massachusetts operations but utilized Bernie's expertise as a consultant to the California branch until 1973, when he joined the WHOI staff.

When Bernie joined the staff as Compensation Coordinator in 1973, the Institution had just begun an extensive personnel review involving salaries, job descriptions, affirmative action, equal employment opportunity, employee evaluation, personnel practice and procedures, benefits and the like. During his tenure as Personnel Manager, Bernie and the staff developed the Personnel Office into a professional operation. His "not flashy" and "avuncular demeanor" were noted by Assistant Director for

Administration David Scott in 1973 as assets to the employees and the Institution.

Following his retirement from WHOI in 1985 Bernie served as a personnel consultant to the Marine Biological Laboratory for one year. He and his wife Jane, who also worked at WHOI for many years as secretary to Paul Fye, lived in Hatchville before moving to Port Richey, Florida, two years ago. His well-known hobbies and interests included restoring vintage automobiles, hunting for collectibles at flea markets, and adding to his extensive collection of model trains. He had a commercial pilot's license and maintained his status in the Naval Reserve as an aviator.

Survivors include his wife, Jane, of Port Richey, Florida; four daughters, Susan Tibbetts of Sagamore, Nancy Donahue and Carol Russell, both of Sandwich, and Jan Connolly of Hudson; one son, Peter Zentz of West Falmouth; and nine grandchildren.

Memorial donations may be made to the Navy Marine Relief Society, Family Service Center, Building 1260, NETC, Newport, RI 02841.

MBL Chemistry Stockroom Purchases

Reminder: When a WHOI project number is used to purchase items from the MBL Chemistry Stockroom, an additional 15 percent surcharge is added during the billing process and is not reflected in the quoted price.

NOAA Chief Scientist to Speak

WHOI Newsletter readers are invited to attend a special lecture on "Science and Policy of the Sea," by Dr. Sylvia Earle, Chief Scientist of the National Oceanic and Atmospheric Administration, September 13 at 2 p.m. at the New England Aquarium Auditorium in Boston. A reception will follow the lecture.

The lecture is presented by the Environmental Protection Agency's Women in Science & Engineering (WISE) organization. Seating is limited; call (617) 223-5576 to reserve space.

Earle has spoken at WHOI several times in recent years and is a former Member of the Corporation.

Photo by Sonya Hagopian



Paul Beck, Manager of Technical Facilities at Emerson College in Boston, conducted a videotaping training seminar for interested staff members July 18 in Clark 507. Twenty employees from throughout the Institution participated in the seminar, organized by the Public Information Office.

Scenes from Hurricane Bob

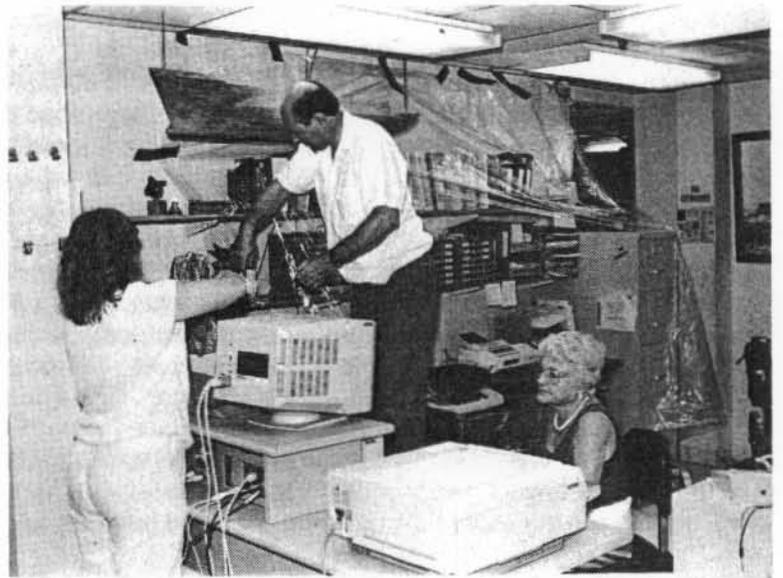
more photos on page 16



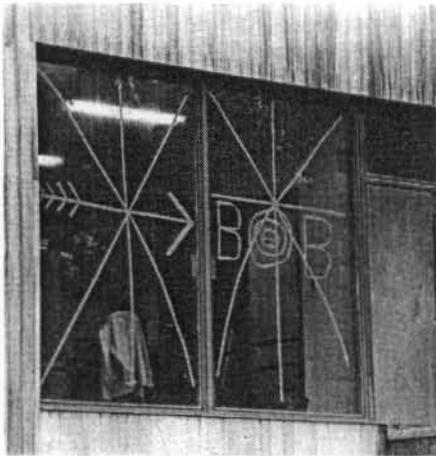
John Crobar helps secure vans on the dock.



The tree-covered tennis courts by the Coastal Research Laboratory.

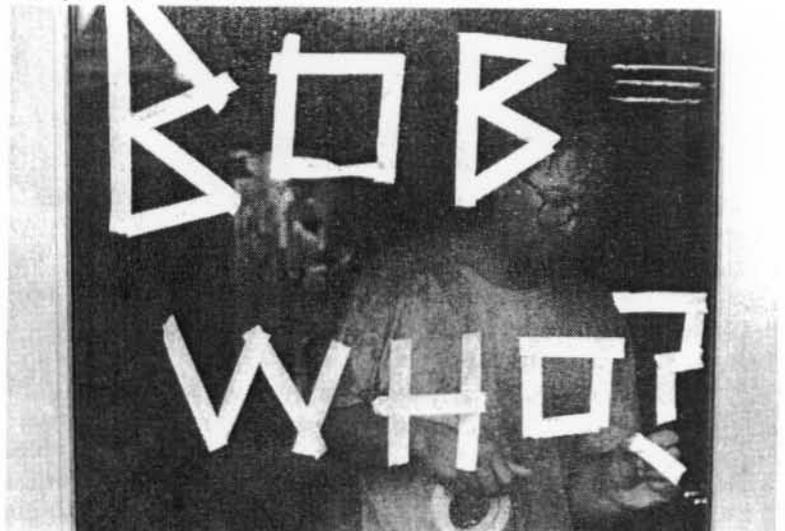


Joe Milner, Patty Odams (left) and Kittie Elliott (still working on the computer!) take precautions in the Port Office.



Windows on Clark Power Plant were "decorated" with tape.

Photos top left, middle and bottom right by Tom Kleindinst. Photos bottom left and top right by Dave Gray.



Rich Galat left his own message on the Smith parking lot door.



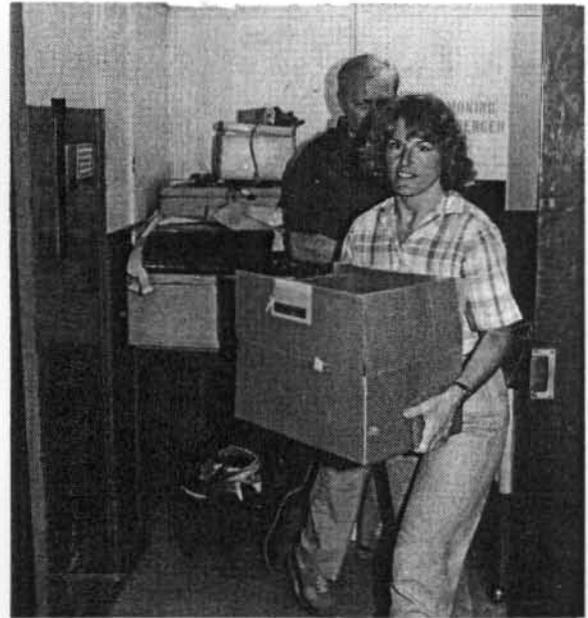
Another downed tree is cleared in front of 49 School Street.



Debris fills part of the Smith parking lot after the storm.



Damage behind the Payroll Office at 573 Woods Hole Road



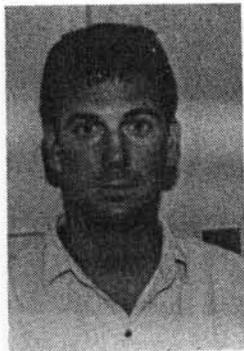
Laurel Moore and Gary Walker move equipment and files from Bigelow basement labs.



Helen Williams, daughter of Sandy and Izzy Williams, indicated how high she thought water would come in Bigelow.

**Photos at left by Shelley Lauzon.
Photos above by Tom Kleindinst.**

New Faces



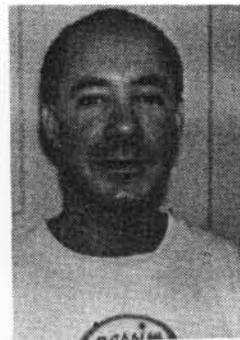
Richard C. Connor
Postdoctoral Scholar
Education/Biology
Redfield 2-46
Ext. 2308
F. Carey



Eric Lamarre
JP Student
Education/AOP&E
MIT 48-110
Ext. 883-7516
K. Melville



Tariesa Lemmon
Sr. Accounting Clerk
Controller
Challenger Annex
Ext. 2844
L. Murphy



Nicholas Tuffillaro
Postdoctoral Fellow
Education/PO
Clark 316A
Ext. 2897
R. Samelson

Promotions

Thomas Crook (AOP&E)
to Senior Engineering Assistant II (7/15/91)

Robert Eastwood (AOP&E)
to Information Systems Associate II (7/1/91)

Diana G. Franks (Biology)
to Senior Research Assistant II (7/15/91)

Carlton W. Grant, Jr. (AOP&E)
to Senior Engineering Assistant II (7/15/91)

Carol S. Hampton (Systems & Procedures)
to Information Systems Associate I (7/29/91)

Karl R. Helfrich (PO)
to Associate Scientist (7/19/91)

Alan A. Hinton (AOP&E)
to Engineer II (7/1/91)

Kathleen P. LaBernz (Personnel)
to Assistant Personnel Manager (7/29/91)

Neil M. McPhee (AOP&E)
to Senior Engineering Assistant I (7/1/91)

Alexandra Bell Witten (Development)
to Senior Development Officer (7/15/91)

Third Annual Employee Recognition Celebration Planned

All employees and retirees are invited to attend the Third Annual Employee Recognition celebration October 10 from 3-6 p.m. in a tent behind Fenno House.

While all employees are recognized at the celebration for their contributions to the Institution, specific recognition will be given this year to the 37 active employees in regular status, at half time or more, who have completed more than 10, 20, 30 and 40 years of accrued service between January 1, 1990 and December 31, 1990. Service awards will be presented to those employees. Refreshments and music will be provided.

In addition to the employee recognition awards, the Vetlesen, Penzance and Linda Morse-Porteous award winners will be announced at the celebration.

LaBernz Achieves Professional Certification

Assistant Personnel Manager Kathy LaBernz recently completed the requirements to become a Certified Compensation Professional (CCP), as awarded by the American Compensation Association.

The certification program was developed to provide state-of-the-art training in the functional areas that comprise the field of compensation and benefits. Kathy's program, taken over the past six years, included courses in such diverse areas as Computers in Compensation: Applications and Alternatives; Individual Performance Management-System Design and Implementation; Job Analysis, Job Documentation and Job Evaluation; and Quantitative Analysis for Compensation Decisionmaking.

The CCP designation provides recognition to those individuals who, by their performance on a battery of written examinations, have demonstrated competence in selected functional areas.

Rogue Waves Soccer Team Has Winning Season

The Rogue Waves, WHOI's women's soccer team, recently ended their second season with a record of 9-8 in the Old Colony Womens Soccer League (OCWSL). During the last regular season game the Rogue Waves upset T.K.'s Saloon, the team with the best league record, 1-0 at their home field. Laurie Raymond (a former WHOI employee) scored the winning shot early in the first half. Coach Rick Whidden lauded the Waves for their many shots on goal in the first half and solid defense holding T.K.'s scoreless for the entire game.

The season started in June and during the month the team had a 2-2 split at home, and were 0-3 on the road. In July the Waves won 3 of 5 games at home and 3 of 4 away games. On July 2 the Waves beat last year's first-place team, Entertainment Cinema from Avon, with a 4-3 victory. Wing Gail Christeson (G&G Joint Program student) booted the winning goal during the last five minutes.

As part of the OCWSL, the Rogue Waves are the Cape's only organized women's soccer team. The OCWSL is based in Plymouth and includes 10 teams from Southeastern Massachusetts. Competition is stiff, with seasoned teams attracting many college players.

The Rogue Waves had 22 women

Photo by Tom Bolmer



Bottom row left to right: Gail Christeson, Laurie Raymond, Debbie Smith, Andrea Arenovski, Coach Rick Widden, Lynn Oschmann, Gail Clark, Suzanne Cady. Top row left to right: Maille O'Brien, Sarah Little, Laura Praderio, Ellyn Montgomery, Aida Hagberg, Rachel Cox, Claudia Benitez, Carol Arnosti, Claude Bibeau, Ann McNichol, Kirsten Evans. Not pictured are Cathy Cetta, Carla Curran, Lori Van Looy, and Alyssa Reischauer.

on the roster, 15 from WHOI and the remainder from the Falmouth area. WHOI players were Carol Arnosti, Andrea Arenovski, Lorraine Buxton, Gail Christeson, Carla Curran, Kirsten Evans, Sarah Little, Ann McNichol, Ellyn Montgomery, Maille O'Brien, Lynn Oschmann, Rindy Ostermann, Claudia Benitez, Laura Praderio, and Debbie Smith.

Carla Curran and Debbie Smith organized the team during last year's 4-17 season and Smith remained the driving force behind this year's team. "The women were really dedicated to playing better and put in a lot of time and effort to make Monday night practices and two games every week," Smith said. The team drew a regular following of WHOI fans for Tuesday night games at Lawrence School in Falmouth.

The Waves were able to enter a

team in the OCWSL thanks to the sponsorship of the WHOI Recreation Committee, which supplied the league fee, and the Women's Committee, which helped purchase the shirts and distinct bumblebee-patterned soccer socks.

The Rogue Waves bettered their standing from last year's 4-13 record to 9-8 this year and finished sixth in the league. The top four teams entered the single elimination playoffs in August with T.K.'s Saloon winning top award. Maille O'Brien (P.O. guest student) and Claudia Benitez (Chemistry Summer Student Fellow) represented the WHOI Waves at the league banquet. This year's offensive MVP award for the Rogue Waves went to center halfback Laurie Raymond and the defensive MVP went to sweeper Lynn Oschmann (G&G Joint Program student).

Ship Notes

ATLANTIS II/ALVIN

R/V ATLANTIS II and DSV ALVIN continue on extended Voyage #125 in the Pacific, spending the summer on cruises on the Juan de Fuca Ridge off the coast of Washington and Oregon. The vessels were scheduled to leave Seattle September 10 on Leg XXXI I for an eight-dive series on the Juan de Fuca Ridge to complete summer studies of sulfide flanges at active hydrothermal vent systems. ATLANTIS II and ALVIN are scheduled to return to Seattle September 28, and depart October 3 for continued work at the ridge area, returning to Astoria October 13 before heading south to San Diego for scheduled shipyard maintenance.

OCEANUS

R/V OCEANUS departed Woods Hole August 28 on Voyage #242 for biological studies in the shelf, slope and oceanic waters south of Cape Cod. A newly developed Video Plankton Recorder (VPR) was tested during the cruise. OCEANUS returned to Woods Hole August 30 and was scheduled to depart September 9 on Voyage #243, a 19-

day cruise to Cape Hatteras and the Delaware-Maryland peninsulas to study the relationship between high resolution remote sensing and surface processes, including the effects of natural and man-made surface films. OCEANUS will return to Woods Hole September 27.

KNORR

R/V KNORR is scheduled to return to Woods Hole in early October. Sea trials began September 4 and were reported going well as the Newsletter went to press.

Homecoming plans are underway and will be announced as details are confirmed. A special direct phone line, 457-2122 (internal ext. 2122) has been set up to provide daily updates on the ships and in particular KNORR's schedule.

A KNORR homecoming T-shirt, designed by Graphic Services, is available to employees and students in the Stockroom. The KNORR welcoming committee needs a small band to help with the celebration; if you are interested please contact Patty Odams in the Port Office, ext. 2208.

International Arctic Ocean Expedition Sets Record

The U.S. Coast Guard icebreaker POLAR STAR, with Co-Chief Scientist Sus Honjo of the Geology and Geophysics Department and other WHOI staff aboard, set a record August 18 when it passed 83 degrees, 45 minutes and four seconds north, breaking the record for the northernmost point reached by a U.S. surface ship.

The previous record was held by the now-decommissioned Coast Guard icebreaker WESTWIND.

Unfortunately, not long after the record was achieved, the 399-foot POLAR STAR experienced shaft problems. When attempts to fix the problems at sea failed, the Coast Guard decided it was unsafe for the ship to proceed further into the ice. POLAR STAR is now enroute back to Tromsø, Norway, to disembark the science party and will then head for a U.S. shipyard for repairs.

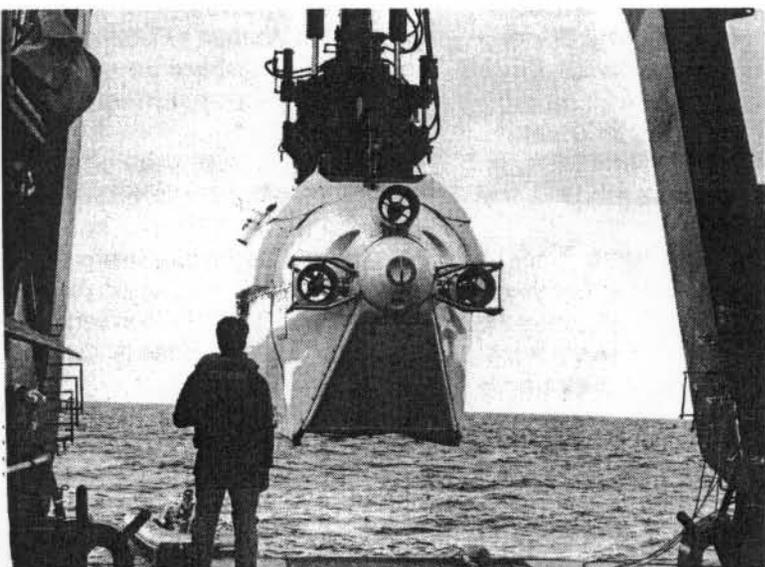
The German icebreaker POLARSTERN and the Swedish icebreaker ODEN are continuing on to the North Pole and into the Arctic Basin as planned.

WHOI Named First Aid Training Agency

The Institution has been named a Training Agency of the National Safety Council's First Aid Institute, enabling WHOI to tailor the first aid curriculum to meet Institution needs. Persons attending the first aid courses offered at WHOI will now receive a National Safety Council certificate rather than a Red Cross certificate.

Due to increased cost of textbooks, it has become necessary for non-WHOI/MBL employees to pay a course fee of \$25. Reservations for attendance should be made by calling the WHOI Safety Office, 457-2000, ext. 2242.

Photo by Sonya Hagopian



ALVIN launch during Voyage #125, Leg XXVII in June. Tim Connors is in foreground.

Scenes at Sea Aboard ATLANTIS II

Voyage # 125, Leg XXVI
June 1991



Chris Haney reacts after his first ALVIN dive as Tim Connors looks on.



New ALVIN pilot Bob Greive gets ALVIN ready for a dive.



Corporation Member Joseph Duke participated in the science program, launching an expendable bathythermograph (XBT) from the fantail. Biologist Lauren Mullineaux was chief scientist on the cruise to Fieberling Guyot, an underwater seamount west of San Diego.

Photos by Sonya Hagopian

Nancy Green Honored at Retirement Reception

More than 100 friends and colleagues gathered under sunny skies on the lawn behind the Co-op August 29 to wish Nancy Green well upon her retirement from WHOI after 19 years of service, nearly all of that time in the Public Information Office.

Nancy is well-known for her efforts coordinating Peanut Butter Club programs, conducting tours, helping visitors, and answering thousands of requests from students, teachers and the general public each year.

She was presented a typewriter and office supplies, rose bushes for her garden, and other gifts of appreciation. Good luck, Nancy!

Photo by Dave Gray



Friends gathered behind the Co-op Building on Eel Pond to wish Nancy Green well upon her retirement. Left to right: Holger Jannasch, John Steele (back to camera), John Porteous (partly hidden), and Nancy Green.

UMASS/Lowell Courses Set to Begin at WHOI

The Staff Training and Development Advisory Committee is pleased to announce that UMASS at Lowell is offering a pilot program of undergraduate courses on site at WHOI this fall. The Committee recently mailed a questionnaire to all employees, as well as to other area technical institutions and firms. The survey asked them to select preferences out of a list of 28 possible courses. A consensus on seven courses was derived out of the 146 WHOI and 83 non-WHOI questionnaires that were returned.

Registration was held on August 28th at Clark. Sixty registrations were received for classes, which begin the week of Sept. 16th. At this time the following courses are still open for registration for both WHOI and non-WHOI people. The first four

courses listed (**) will definitely be offered. Additional enrollment is needed for Electric Circuits I (*) and Organizational Behavior (*) to be offered.

Final list of instructors and locations will be available soon. All courses are subject to a fifteen student minimum in order to be held.

Please register as soon as possible to insure your placement. Course fees are \$285.00 per course plus a \$25.00 registration fee per semester. You can register in the Education Office (Clark 2) with payment by check or directly to UMASS/Lowell if payment is made by credit card. Call the Education Office at ext. 2219 for further information.

Course Title

**Technical and Scientific Communications
 **Precalculus Mathematics
 **C Programming
 **Information Systems I
 *Electric Circuits I
 *Organizational Behavior

Night

Wednesday
 Monday
 Thursday
 Tuesday
 Monday
 Thursday

History Colloquy Focuses on War Years

Approximately 60 people who were involved with the Institution during World War II and into the mid-1950s gathered in Woods Hole July 15-19 to reminisce about their experiences at a History Colloquy.

Attendees came from as far as Alaska and British Columbia. The first two days, attended primarily by local residents, focused on the pre-war years of the 1930s, early scientists like Alfred Redfield and Fritz Fuglister, dock activities, memories of Columbus Iselin, research activities and how research was funded.

The last three days brought local and distant participants together to discuss research and development during the war years and immediately after, funding for research, how the Institution changed, how the support for science changed, and how the results of scientific research and technological

developments were transferred out of the Institution. Sessions were recorded on audio tape for the Institution Archives, and many participants contributed photos, data and other items to our Archives.

While sea stories became a major part of the gathering, participants had a chance to speak with current staff, tour

facilities and spend time with each other. Institution staff had an opportunity to attend several of the sessions and to relax with many of the former employees at a T.G.I. Thursday July 18 on the Fenno lawn. Old and new research activities were combined in a film/video program at Peanut Butter Club July 19 to mark the end of the week-long session.



Photo by Tom Kleindinst

Participants share memories at the History Colloquy July 15-19. Left to right: Frank Ryder, Joe and Dorothy Worzell, and Mary Sears.

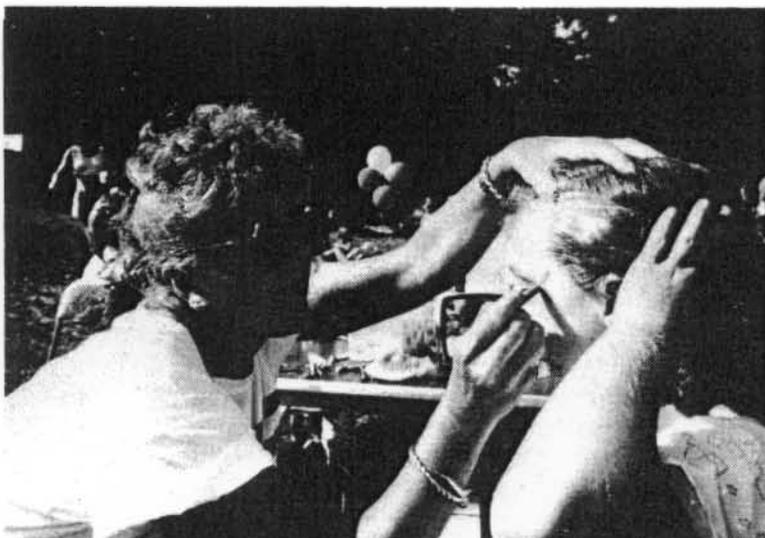


Photo by George Hampson

Barbara Wickenden paints faces at the WHOI summer picnic.

Article and more picnic pictures to come in the next NEWSLETTER.

We Need a Name

Ocean Views, the quarterly newsletter produced for the Associates, is getting a face lift! Beginning with the fall issue, it will have a new look, with new content and graphics, improved layout and more information about ocean sciences, oceanographic research, the Institution, and the Associates.

Along with the new look, the publication needs a new name. The Associates are turning to Institution staff for ideas and invite you to submit suggestions to the editorial board and the Associates Executive Committee by September 15. Send your ideas to Dorsey Milot, Director of the Associates, in the Development Office.

Hurricane Bob

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damage."

The loss of electrical power for a week was among the most difficult and frustrating aftermaths of Hurricane Bob. "We are much more power dependent than we were when the last storm, Hurricane Gloria, hit us in 1985," Craig Dorman notes. "We are assessing our power needs and looking at what can be done the next time a hurricane strikes."

Despite the lack of power, many employees spent the rest of the week putting offices back together and tackling whatever jobs could be done without power. For some it was a chance to catch up on filing, cleaning out and getting to those things that time doesn't usually permit.

Getting a hot cup of coffee or a hot meal meant a long line at the few local restaurants with generators. To help ease the lunch dilemma, the Facilities crew set up grills by the Carpenter Shop and offered hot dogs, hamburgers and cold drinks to the staff at cost.

The clean-up process is continuing and operations have returned to normal.

Photo by Terri Corbett



The bikepath bridge at Trunk River was destroyed.

Photo by Dave Gray



The Carriage House deck was covered by tree branches and limbs.

Photo by Terri Corbett



The Shining Sea Bikeway along Surf Drive near the Quissett Campus was severely damaged.

Photo by Tom Kleindinst



Redfield 2-04 became a storage area for files from groundfloor labs and offices in danger of flooding.