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# NEWSLETTER

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WOODS HOLE  
OCEANOGRAPHIC INSTITUTION



SEPTEMBER 1994

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## Employee Recognition

An estimated 450 attended the sixth annual Employee Recognition Celebration September 7 under a tent on the Fenno House lawn.

The celebration, one of the largest gatherings of Institution staff during the year, honors the commitment, spirit and hard work of all employees. Special recognition was given to those 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 July 1, 1993 and December 31, 1994. This year 62 employees received special recognition, joining some 450 long-service employees honored in the last five years.

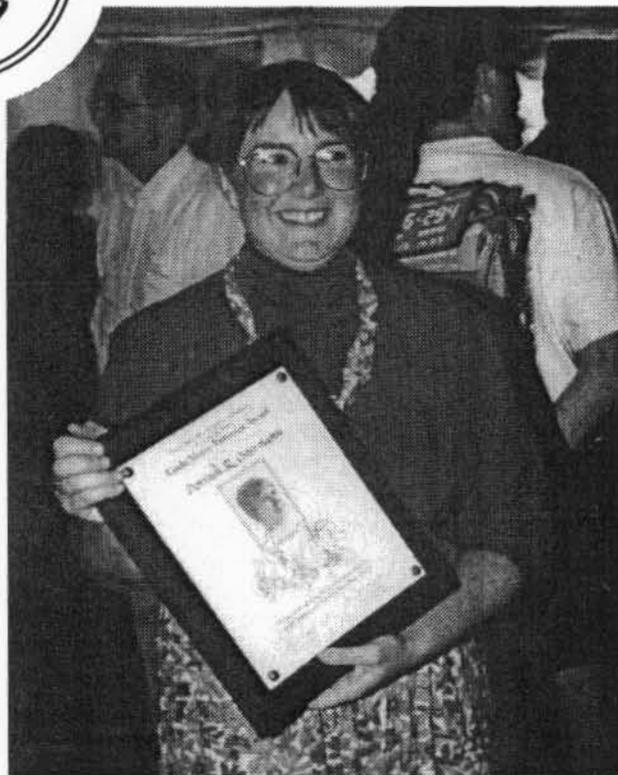
Mike Palmieri of Marine Operations, with forty years of service, was presented a pewter bowl, a set of canvas deck chairs and an Associates membership. Thirty-year service honorees were Ed Denton and Ken Fairhurst of the Applied Ocean Physics and Engineering Department and Holger Jannasch of the Biology Department; each received a pin and choice of a WHOI rocker or arm chair. Twenty-nine individuals were honored for 20 years of service, each receiving a pin and Seth Thomas clock, and 29 were recognized for 10 years of service with a pin.

The Penzance Award, given for "sustained exceptional performance, for outstanding representation of the WHOI spirit and for major contributions to the personal and professional lives of our staff," was presented to the Research Vessel *Atlantis II* crew and the *Alvin* at-sea operations group. Excerpts from the nominations noted that they "work together cooperatively to provide science with the best possible service in what are sometimes less than ideal circumstances" and that they are "instrumental in the successful execution of each science program." Joe Coburn of Marine Operations and Rick Chandler of the shore-based *Alvin* group accepted the award on their behalf. The group received a plaque and monetary award.

The Vetlesen award was presented to Research Associate Bruce Tripp, Associate

*Continued on page 4*

Photos by Tom Kleindinst



*Research Associate Rindy Ostermann received the Linda Morse-Porteous award.*



*More than 450 staff members and retirees attended the celebration, organized by the Human Resources office.*

## ABE is in Good Company

Although the AOP&E Department's Autonomous Benthic Explorer (ABE) did not win a 1994 Discover Award for Technological Innovation, the vehicle is showcased as a finalist in the fifth annual competition. ABE, the only oceanographic instrument nominated, is featured in *Discover* magazine's October 1994 issue and in an interactive exhibit at EPCOT Center's Innovations pavilion at Walt Disney World in Orlando, FL.

Thirty-five finalists were selected by the magazine's editorial staff from more than 4,000 nominees submitted by companies, research institutions and *Discover* readers. The winners in each of seven categories were then chosen by independent judges. The categories were automotive & transportation, aviation & aerospace, computer hardware & electronics, computer software, environment, sight, and sound.

The winner of the automotive & transportation category, in which ABE was placed, was Volkswagen's Golf Ecomatic, which automatically shuts off its engine when it's coasting or waiting at a traffic light, then turns on at the touch of the accelerator. In addition to ABE, other finalists were Subaru's SRD II space-saving one-passenger concept car, Chrysler's Espresso small but tall concept car with satellite navigation, and Volvo's side impact air bag.

Barrie and Maggie Walden, as guests of *Discover* magazine, represented WHOI at the August award ceremony at Disney World. The rest of the team was at sea aboard *Atlantis II* testing ABE. Congratulations to Principal Investigators Al Bradley, Barrie Walden and Dana Yoerger and the entire ABE team!

The Newsletter is published monthly for employees, students and members of the Woods Hole Oceanographic Institution community. Copy deadline is the 25th of the month. Ideas for stories, photos, and items of interest to the community are welcome and should be sent to: Editor, Newsletter, News Office, Woods Hole Oceanographic Institution, Woods Hole, MA 02543. Telephone 508-457-2000 ext. 2270 or 3340.

Writer/Editor: Shelley M. Lauzon  
Staff Support: Kathleen Patterson

## In Memoriam

The Woods Hole Oceanographic Institution announces with great sorrow the death September 28 of **James M. Broadus, III** at age 47. Jim died while snorkeling at a state beach in Hawaii, where he was attending a marine technology conference.

A Senior Scientist and Director of the Institution's Marine Policy Center, Jim was internationally known for his work on the economics of marine minerals and seabed mining and more recently on the economics of climate change. He was involved in numerous national and international marine policy programs and activities, in recent years taking a leading role in the Institution's relationship with the former Soviet Union and the emerging role of national environmental security in the wake of a changing world political climate. Jim was also deeply involved in studies of the marine technology industry.

Jim joined the Institution staff in 1981 as a Marine Policy and Ocean Management Fellow and was appointed Policy Associate in 1982. In July 1984 he became the first Social Scientist appointed to the resident scientific staff. He was named Director of the Marine Policy Center in February 1986, and in 1993 was named a Senior Scientist. Born in Mobile, Alabama, Jim attended high school in Lexington, Kentucky, and was a graduate of Oberlin College, where he received a bachelor's degree in economics in 1969. He attended graduate school at Yale University, where he earned a master of arts degree in 1972, a master of philosophy degree in 1974, and a doctoral degree in economics in 1976. Prior to joining the WHOI staff in 1981 he served as a Visiting Assistant Professor of Economics at the University of Kentucky in Lexington and as an economist at the U.S. Department of Justice's Antitrust Division in Washington, DC, from 1975 to 1979, during which time he received the Justice Department's Outstanding Performance Rating and its Special Achievement Award.

A member of many professional organizations, Jim served as an advisor to the U.S. Congress, Office of Technology Assessment and Bureau of Mines of the U.S. Department of the Interior. He was Chairman of the Marine and Coastal Ecosystems Directorate of the U.S. Man and Biosphere Program, and was a member of the Marine Board of the National Research Council. He also served on many other committees and editorial boards.

Jim is survived by his wife, Victoria, and three children, Matthew, Victoria and Joseph, all of Falmouth, MA. Funeral services were private. A celebration of Jim's life will be held at a later date.

### Trustees/Corporation Meetings October 13 and 14

Trustees of the Institution will meet in Woods Hole October 13, with a joint meeting with Members of the Corporation October 14. Meetings will be held on the Quissett Campus, although many Trustees and Corporation Members will visit labs and facilities in the village and on the Quissett Campus as part of the partnership program and other activities which try to connect Members and Trustees with Institution staff (see page 3).

Changes made last year have led to spring and fall meetings of both Trustees and Corporation Members and a winter meeting of the Trustees. There had been two meetings per year, a winter Trustees meeting in December and a June annual meeting.

## Open Houses Planned at Meteor

Bob and Susan Gagosian have invited all Institution employees and students to informal get-togethers at the recently spruced-up and painted Meteor House Tuesdays in October and November.

The Gagosian family doesn't reside in Meteor House, the Director's residence. Although Meteor House will not be the official residence of the Gagosian family, it has already been used for many Capital Campaign and other official Institution functions since mid-May. During the winter and spring the house was repainted and all new furnishings added. The remodeling work was done by the Institution's Facilities department, and Susan Gagosian spent considerable time and effort refurbishing the home and selecting everything right down to the eating utensils. Most of the decorations and artwork are on loan to Meteor House by members of the WHOI community.

Staff and students can bring their spouse or a guest to the get-togethers, which are planned by alphabetical order. The Open Houses began October 4 (Abrams to Cushman) and are scheduled from 4 to 6 p.m. October 18 (Dacey to Hirth), October 25 (Hoagland to Meyer), November 1 (Michael to Sisson) and November 8 (Smith to Zou). If employees and students cannot attend the date scheduled another date can be selected.

*Susan Gagosian holds a photograph by Carl Bowin of the Geology and Geophysics Department, one of many pieces of artwork by WHOI community members on display in Meteor House (in background).*



*Associate Scientist Mark Kurz (right) of the Marine Chemistry and Geochemistry Department with Partner Newton Merrill.*

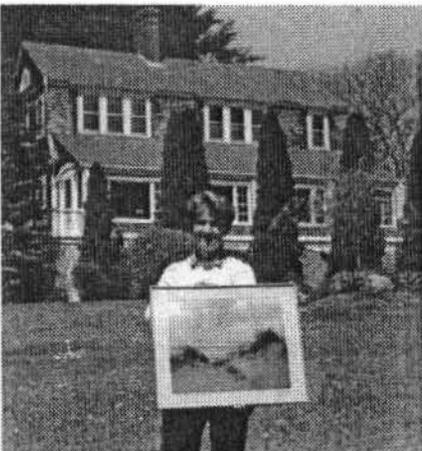


Photo by Tom Kleindinst



Photos by Tom Kleindinst

*Senior Scientist Breck Owens of the Physical Oceanography Department (left) explains RAFOS floats to Trustee Partner John Bockstoce.*

## WHOI Staff Make Historic North Pole Trip

The first U.S. ship to break through the Arctic ice and reach the North Pole from the Pacific to the Atlantic Ocean had several WHOI connections.

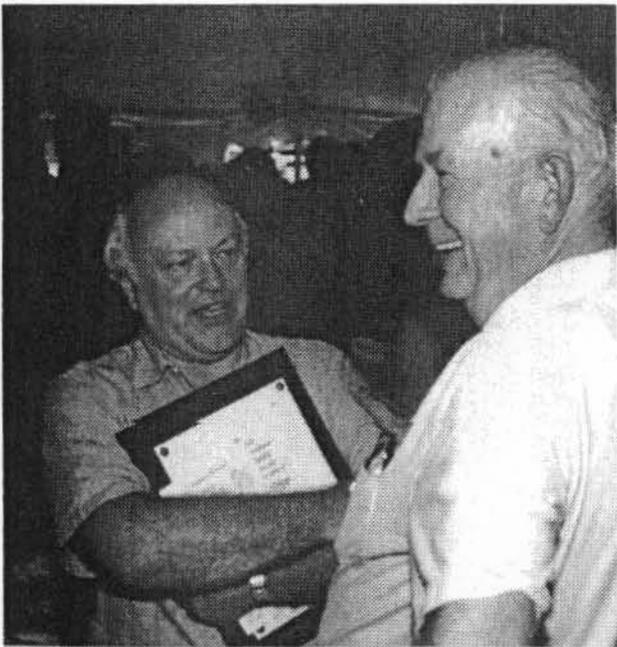
Aboard the 399-foot U.S. Coast Guard icebreaker *Polar Sea* was Liz Osborne of the Geology and Geophysics Department, who was collecting sediment samples. Captain of the *Polar Sea* is Lawson Brigham, a former MPOM Research Fellow at the Marine Policy Center.

The ship's science mission was to study pollution and look for evidence of climate change. The *Polar Sea* and the Canadian icebreaker *Louis St. Laurent* left Nome, Alaska, July 26, breaking through ice up to 12 feet thick to reach the North Pole August 22. It was a first for surface ships from either country. The *St. Laurent* reached the North Pole first by about 300 yards. Once into the Atlantic the ships stopped at Halifax, Nova Scotia, where the *St. Laurent* remained. The *Polar Sea* arrived in Boston September 10 for a brief port call.

## Trustee/Staff Partnerships Grow

Learning more about each other is the goal of the Partnerships Program, which links members of the scientific and senior technical staff with Trustees and Corporation Members.

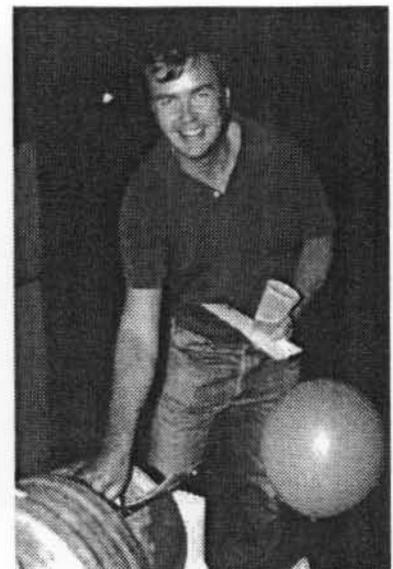
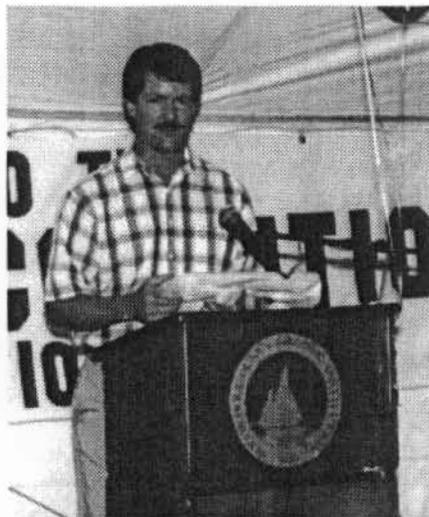
Begun in 1993, the program has grown to 57 partnerships. The level of involvement varies widely, from informal get-togethers to very active exchanges. All that is required is regular communication. Pam Hart coordinates the program on behalf of the Member Education and Orientation Committee of the Corporation.



*Vettesen Award winner Bruce Tripp with Bill Dunkle*



*Jack Cook (right) receives a pasta bowl from Kathy LaBernz.*



**Photos by Tom Kleindinst**

## Employee Recognition *continued from page 1*

Director of the Coastal Research Center, for "exceptional contributions not merely above and beyond superb performance of their jobs and service on committees, but for true selfless dedication of a major portion of themselves to the entire WHOI community over a long period of time." Nominations noted that Bruce "has always given his best to his WHOI responsibilities" and that he "has been an Institution leader and doer in environmental issues and his concern has spilled over into outside environmental programs and town committees, where he has shown fine leadership and is held in high esteem by his peers." Bruce received a plaque and monetary award.

The Linda Morse-Porteous award was presented by Associate Director for Research Jim Luyten to Rindy Ostermann of the Geology and Geophysics Department. The award honors female technicians (graded or technical staff) for leadership, dedication and quality of work, abilities as a role model and/or mentor to junior women, and involvement in the WHOI community.

Numerous door prizes were also awarded. Airline tickets donated again this year by Garber Travel were won by Lynn Ladetto of Procurement. Sports bags went to Rui Xiu Huang and Robin Singer, Patriot Pasta Bowls to Rick Murphy and Jack Cook, and gift certificates to Friendly's to John Stegeman and Jess Stanbrough. Tom Austin and Eben Franks won movie passes, Ed Dow a set of pilsner glasses, and Lee Campbell a coffee set. Paul Fucile won a gourmet pasta bag and Nat Corwin a set of wine glasses.

A new feature this year was the photo identification game, which featured old photographs of 18 employees. Ann Henry, Susan Kadar and Cheryl Daniels correctly identified all the photos; Ann Henry won a bottle of champagne in a drawing.

*Joe Coburn (bottom left) and Rick Chandler (bottom center) accepted the Penzance Award on behalf of the Atlantis II crew and Alvin at-sea operations group. Eben Franks (bottom right) selects another winner.*

## "Director of Institutional Memory" Retires After 41 Years of Service

WHOI Data Librarian and Archivist Bill Dunkle was honored August 31 at a retirement party in Clark 507 celebrating his 41 years of service to the Institution. Many current and retired employees attended the event and recounted many of the contributions Bill has had to the Institution.

Among the speakers were Cathy Norton, Steve Gegg, Bob Gagosian, Carol Winn, Charlie Innis and Betty Bunce. The many presentations to Bill included the unveiling of the "King Dunkle" poster by Tom Kleindinst and John Porteous, a trash can lid and "All That Stuff Certificate" from Bill McKeon, and a globe, atlas and videotape copy of the WHOI Follies from Lori Mahoney.

"All That Stuff" Bill had accumulated included more than 12 million images and photographs, 50,000 cubic feet of scientific and institution data and papers stored in 700 boxes 100 filing cabinets, 60,000 maps and charts, 6,000 publications, 100 reels of 16mm movies and over 400 historical oceanographic Instruments.

Bill had a few words, and presentations, of his own to make. He presented Steve Gegg with a computer, and Lori Mahoney with a directional hat to find things in the Archives. He recalled his early years working with John Stimpson in Graphic Arts in the third floor of Bigelow Laboratory in 1953, and his first cruise on the *Caryn* in 1954. He began working with Brackett Hersey, who started the Data Library in 1956, and Norman Allen, who began the Archives in 1959. Bill also went to sea for 11 years, sailing on 34 ships, 2 submarines, 2 aircraft and a cement barge.

Congratulations and best wishes, Bill!



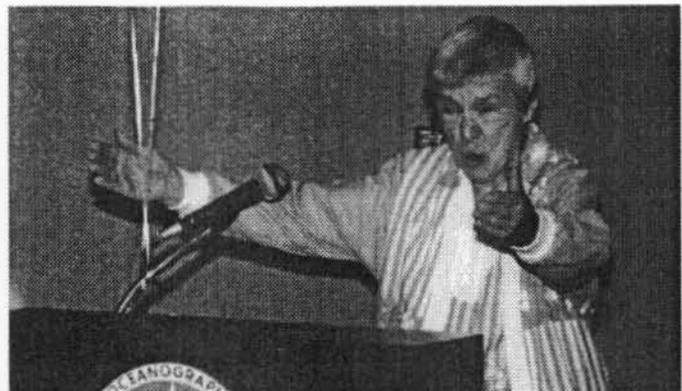
Bill Dunkle unwraps one of the many gifts he received. Carol Winn is at right.



Tom Kleindinst (left) and John Porteous (right) unveil the "King Dunkle" poster, which guests signed.



Bill Dunkle presented Steve Gegg with his version of a computer.



Scientist Emeritus Betty Bunce told sea stories.

Photos by Tom Kleindinst

## WHOI Cookbook Planned

The Employee

Capital Campaign Committee is sponsoring a WHOI cookbook, and the committee hopes it will represent the remarkable diversity and talents of the WHOI community. Be thinking of your favorite, special, secret or unusual recipes, and look for your own Personal Recipe Template which will be sent in the mail. Favorite recipes always have stories attached – be sure to tell us yours!

Details of recipe submission by hardcopy and e-mail will be included with the recipe template. Sorry, but only recipes submitted on this template or a photocopy can be accepted for format consistency. Recipes that were submitted for Cynthia Dorman's cookbook are welcome; now you can share them with everyone!

Cookbook Committee members are Mindy Hall (chair), Shelley Lauzon, Charlie Innis, Amy Donner, Tracey Crago, Sean Kery, Terry McKee, Gail McPhee, Bonnie Ripley, Judy McDowell, Jim Price, Mary Jane Tucci and Chris Wooding.

## Halloween Haunted House Postponed until 1995

The Halloween Haunted House sponsored by the Employee Capital Campaign Committee has been postponed until next year. Many people volunteered their time to work on the Haunted House team, and suggested many wonderful ideas; however, it became clear that the team could not finalize plans, develop and gather props, and decorate the house in such a short time period before the end of October.

The team now plans to work on ideas throughout the next 13 months. The team will meet again at the beginning of November to continue plans for the event. If you are interested in working on this project, call Mary Jane Tucci at ext. 2389.

## Paul M. Fye Society Established

The Trustees of the Institution established the Paul M. Fye Society in June 1993 to recognize and honor individuals who have chosen to support the Institution through charitable bequests, life income gifts and trusts.

The Paul M. Fye Society is named in memory of former WHOI director Paul Fye, who served as Director from 1958 to 1977 and as President of the Corporation from 1961 to 1986. Through his exemplary service and dedication to the Institution, Paul Fye fostered the development of programs and initiatives which have become his legacy to the Institution.

"The establishment of the Paul M. Fye Society provides the Institution with an opportunity to thank individuals who possess the same foresight and commitment as Paul Fye and who include the Institution in their financial planning," notes Robin Kaiser, Director of Major Gifts and Planned Giving. Individuals can name the Institution as a beneficiary in their will, participate in the Institution's Pooled Income Fund, name the Institution as a beneficiary of a life income gift or trust, or make other provisions for the Institution in their estates. Donors simply inform the Institution of their plans.

Kaiser says about 35 individuals have informed the Development Office they plan to include the Institution in their estate planning in some way. The office sent out an initial mailing to Corporation Members and Trustees in the fall of 1993 and to all Associates this past spring.

"It is very low key effort," Kaiser explains. "Paul Fye left a remarkable legacy, and it seemed appropriate to provide an easy way for other people who may wish to help the Institution years down the road."

Inquiries regarding the Paul Fye Society can be made to Robin Kaiser in Fenno House, ext. 3359.

## Meetings Scheduled on Benefit Changes

Following the Open Meetings held September 23 to present the recommendations of the Ad Hoc Task Force on Total Compensation to the Institution staff, smaller group meetings have been scheduled to review in more detail the 1995 benefits changes for active employees in regular status.

Eight meetings have been scheduled at different times and locations and are open to family members. Each meeting covers the same basic information.

October 6	Clark 507	10 a.m. to noon and Redfield Auditorium	2 to 4 p.m.
October 7	Clark 507	10 a.m. to noon	
October 11	Clark 507	noon to 2 p.m.	
October 12	Redfield Aud.	10 a.m. to noon and Clark 507	2 to 4 p.m.
October 13	Redfield Aud.	2 to 4 p.m.	
October 14	Redfield Aud.	9 to 11 a.m.	

Contact the Human Resources Office at ext. 2253 if you have any questions about the meetings.

## Voter Registration Information Available

Massachusetts mail-in voter registration forms are available in the Human Resources office at Nobska House. The form can be used to register to vote in Massachusetts, to change a name and/or address, and to change party affiliation.

## New Faces



Ellen M. Bailey  
Staff Assistant II  
MC&G  
Fye 106  
Ext. 2394  
S. Casso



Susan J. Carter  
JP Student  
MC&G  
Clark 117  
Ext. 2681  
D. Oppo



Jason I. Gobat  
JP Student  
JP Student  
AOP&E  
Blake 109  
Ext. 3390  
M. Grosenbaugh



Robert Haselkorn  
Adjunct Scientist  
Biology  
Redfield 2-38  
Ext. 2312  
J. Waterbury



Elizabeth B. Kujawinski  
JP Student  
MC&G  
Clark 439  
Ext. 2912  
M. Conte



Dawn M. Moran  
Laboratory Assistant  
II Biology  
Redfield 3-24  
Ext. 2358  
D. Caron



Paulo Salles  
JP Student  
AOP&E  
Bigelow 105  
Ext. 3409  
J. Trowbridge



Yang Shen  
JP Student  
AOP&E  
Bigelow 105  
Ext. 3320  
M. Purdy



Raffael V. Jovine  
Guest Investigator  
Biology  
Redfield 3-32  
Ext. 2566  
D. Anderson

## Promotions

Thomas Austin (AOP&E)  
to Senior Engineer (8/22/94)

Kenton Bradshaw (PO)  
to Engineering Assistant III (8/4/94)

Stephen R. Gegg (Library)  
to Information Systems Associate II (7/18/94)

Joyce E. Irvine (MC&G)  
to Research Assistant III (7/18/94)

Peter B. Keleman (G&G)  
to Associate Scientist (7/28/94)

Ethel F. Lefave (Biology)  
to Staff Assistant III (7/25/94)

Jane E. Marsh (Biology)  
to Senior Staff Assistant (8/8/94)

James F. Price (PO)  
to Senior Scientist (7/28/94)

Marcella R. Simon (Educ.)  
to Asst. Registrar & Educ. Office Administrator (7/18/94)

June E. Taft (HR)  
to Personnel Representative - Benefits (7/11/94)

Maurice A. Tivey (G&G)  
to Associate Scientist (7/28/94)

## In Memoriam

The Institution announces with great sorrow the recent deaths of retired employee **Albert Jefferson**, former employee and Honorary Corporation Member **Francis Ryder**, and Honorary Corporation Member **Denis Robinson**.

Albert "Jeff" Jefferson died July 27 at age 66. He began employment at WHOI in 1961 as an able bodied seaman on R/V *Caryn*. Through the years he was promoted to First Assistant Engineer and worked aboard *Atlantis II* in various positions beginning in 1968. He remained assigned to the *Atlantis II* until illness led to a disability leave of absence in 1988 and his retirement in 1990. Jeff was born in Rochester, MA, and attended New Bedford Vocational High School. He served in the U.S. Merchant Marine from 1945 to 1947, as a sergeant in the U.S. Army from 1947 to 1954, and as a seaman on the launch for Naushon Farm from 1954 until he joined the WHOI staff in 1961.

Francis Ryder, a retired administrator for WHOI and MIT and an Honorary Member of the WHOI Corporation, died September 2 at age 86 following surgery at Massachusetts General Hospital. Born in Middleboro, MA, he attended Philips-Exeter Academy and was graduated from Dartmouth College. During World War II he served in the U.S. Navy in the Pacific and was a retired commander in the Naval Reserve. After the war he joined the WHOI staff as liaison officer for the U.S. Naval Bureau of Ordnance and Ships before becoming the first assistant to the director of the institution, then Columbus Iselin. In 1952 he was appointed to the staff of MIT as an administrator in the Division of Industrial Cooperation and later its Digital Computer Laboratory. He also worked with MIT's Elementary Science Study Program which promoted the improvement of teaching science in schools, retiring from MIT in 1980. A memorial service will be held October 7 at 11 a.m. at Church of the Messiah in Woods Hole.

Denis Robinson, co-founder of High Voltage Engineering Corporation of Boston and a Member of the WHOI Corporation, died August 25 at age 85. Born in London, he received degrees from King's College and the University of London and from MIT. He served as co-founder and president of High Voltage Engineering from 1946 to 1970, as chairman of its board from 1970 to 1980, and as a senior consultant since 1980. The recipient of the U.S. Medal of Freedom with Bronze Palm and the Order of the British Empire, he was elected a Member of the WHOI Corporation in 1972, served as a Trustee from 1972 to 1976, and as an Honorary Member from 1978 until his death. Denis Robinson also had strong ties to MBL, where he served as Chairman of the Board from 1971 to 1977 and since 1977 as Honorary Chairman.

**Clark Laboratory marks its 20th anniversary October 11. An article highlighting the lab's history will appear in the next issue of the WHOI Newsletter.**

## Ship Notes

### ATLANTIS II/ALVIN

R/V *Atlantis II* and DSV *Alvin* will depart Mazatlan, Mexico, October 13 to continue studies of hydrothermal vents on the East Pacific Rise. Fourteen *Alvin* dives are planned before the ship and sub arrive in Manzanillo, Mexico, November 1.

### KNORR

R/V *Knorr* departed Woods Hole August 16 for extended Voyage #145 to the Indian Ocean, with most scientific work dedicated to the World Ocean Circulation Experiment (WOCE). The ship arrived in Augusta, Sicily August 31 and departed September 3 to participate in NATO and U.S. Navy operations in the Adriatic and Ionian Seas as part of the Sharem-106 experiment.

*Knorr* arrived in Catania, Sicily September 17 and departed September 22 to transit through the Suez Canal and Red Sea, entering the Indian Ocean October 1. Daily hydro-stations will be made to collect biological samples as part of a worldwide survey for chryssophyte ultraplankton from the open oceans. A new Sea Beam system was installed and tested in the Mediterranean and tests are continuing during the trip to Fremantle, Australia, where *Knorr* is due October 19.

### OCEANUS

R/V *Oceanus* remains at the WHOI dock in lay-up status. The vessel will resume its operating schedule in 1995.

## **Atlantis II/Alvin to be Featured in PBS Film and National Geographic Magazine**

The work of *Atlantis II* and *Alvin* at deep-sea hydrothermal vents near 9° North on the East Pacific Rise will be featured in the November issue of *National Geographic* magazine and in a Public Broadcasting System special to air in November.

The article and film feature the changes in the hydrothermal vent since December 1991, when a volcanic eruption covered the area. Richard Lutz of Rutgers University served as chief scientist of the December 1993 cruise; Associate Scientist Dan Fornari of the Geology and Geophysics Department and Visiting Investigator Cindy Van Dover were members of the science party. Photographers from National Geographic Society and Kurtis Productions, producers of the PBS program, were also aboard.

The one-hour PBS program, *Underwater Volcanoes*, is scheduled to air on "The New Explorers with Bill Kurtis" November 23 at 8 p.m. on PBS stations nationwide.