

Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 2

January 30, 1995

## Schedule of Events

January 30-February 5, 1995

**MON**

**Deadline for Students to Sign the Attendance Roster**

**TUES**

**WED**

1200

**MSRC Weekly Seminar, Endeavour 120**

**THURS**

**FRI**

11:30

**TAOS Weekly Seminar, Endeavour 120**

**"Isotopic Analysis of Trace Gas Species"**

**John Mak, MSRC**

1530

**Friday Discussion Group, Challenger 163**

**"Diving near the Wilmington Canyon in the nuclear submarine NR-1"**

**Mary Scranton and Roger Flood, MSRC**

## **EMPLOYMENT CORNER**

Montclair State University has two tenure track assistant professor openings. One in environmental management and one in hydrogeology. Review of applications begins February 1, 1995.

West Georgia College's Department of Geology seeks applicants for a tenure-track position at the rank of assistant professor in hydrogeology with emphasis on environmental geology, beginning September 1995. Deadline to apply is February 17.

The Dept. of Geology at the U. of Dayton invites applications for a tenure track appointment as assistant professor to begin August 1995. Deadline to apply is March 1.

Rutgers University's Shellfish Laboratory has at least six hourly summer positions for undergraduates and recent college graduates. Rate of pay is \$5.05 per hour.

Skidaway Institute of Oceanography seeks to fill several positions at the Assistant Professor or Postdoctoral level in biogeochemical cycling or physical-chemical-biological couplings in estuarine, coastal

or shelf environments. Deadline to apply is 15 March.

## **CONFERENCES**

Any MSRC folk planning on attending the 1995 Milford Shellfish/Aquaculture Seminar Feb. 21-23, should contact Bill Wise. If enough people are interested in going, he will attempt to rent a van and save on transportation costs.

The 1995 Northeast Regional Stranding Network Conference hosted by Okeanos will be held April 28-30, 1995 at the Riverhead Ramada Inn. Abstract deadline is February 10.

Advanced Technologies for Site Remediation will be held March 8-9 at the U of Houston, TX. Registration deadline is Feb. 17.

The Sixth North American Paleontological Convention will be held June 9-12, 1996 in Washington D.C.

The Dynamics of Global Change and the Coastal Zone will be held April 24-27 at the Marine Science Institute, U. of the Philippines.

Science and Technology Policy: 1995 and Beyond will be held February 22-24 in Washington D.C.

**The Assateague Shelf and Shore Workshop Twenty One will be held April 21 and 22 in Pomona, NJ. Registration deadline is March 15.**

**The Third Thematic Conference on Remote Sensing for Marine and Coastal Environments: Technology and Application will be held 18-20 September 1995 in Seattle. Abstract deadline is January 30.**

**NASA Summer School for High Performance Computational**

**Physics: July 10-28, 1995.  
Deadline to apply is February 24.**

**The Hudson River National Estuarine Research Reserve winter field programs: Iona Island as a Wintering Ground for Bald Eagles January 28 or February 4.**

#### **NEXT FACULTY MEETING**

**The next faculty meeting will be held on Monday, February 6, at 2:00 in Endeavour 120. Please give agenda items to Jeri by Wednesday, February 1.**

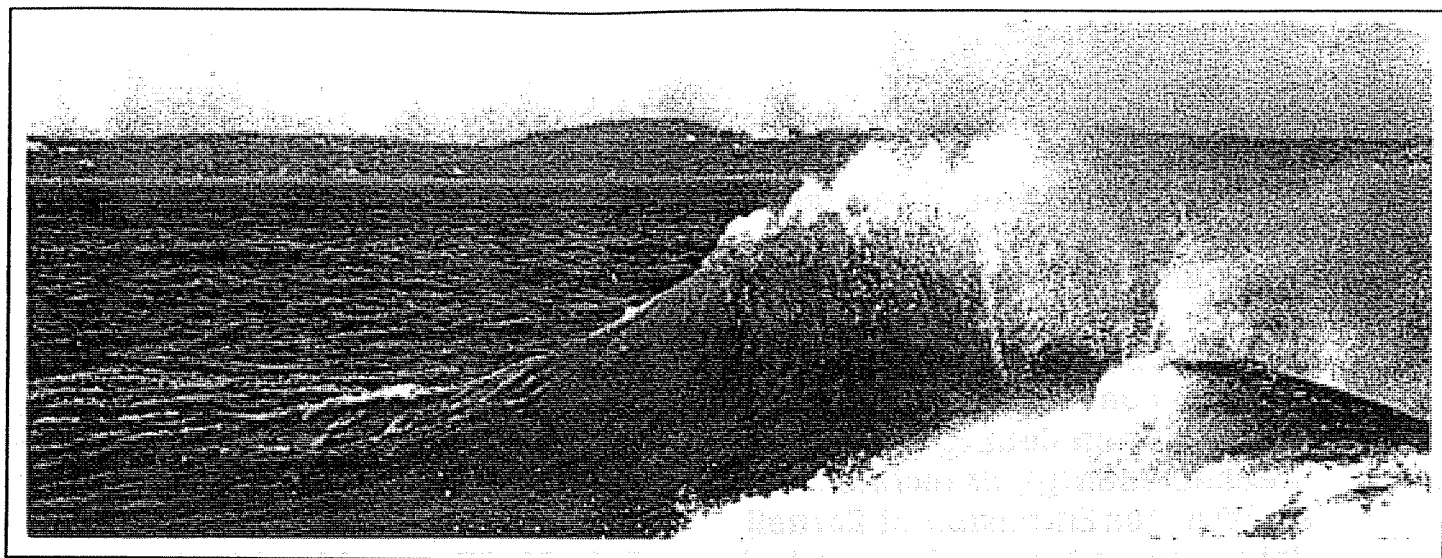


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 3

February 6, 1995

## Schedule of Events

February 6-12, 1995

<b>MON</b>	<b>1400</b>	Faculty Meeting, Endeavour 120
<b>TUES</b>	<b>1300</b>	TAOS Weekly Seminar, Endeavour 120 "Simulation results from a model of the Mediterranean Sea" Christopher Herbaut, LODYC Paris
<b>WED</b>	<b>1200</b>	MSRC Weekly Seminar, Endeavour 120
<b>THURS</b>		
<b>FRI</b>		<b>DEADLINE TO SIGN FACULTY/STAFF ROSTERS</b>
	<b>1530</b>	Friday Discussion Group, Challenger 163 "The birds of Peru" Charles Wurster, MSRC



## EMPLOYMENT CORNER

**Cornell Cooperative Extension** has the following positions available:

**4H Youth Development** (3 positions one in Suffolk County, one in Clinton County and one in Steuben County); **Associate Director for Extension** at Cornell University in Ithaca; **Commerical Ornamental Horticulture and Consumer Horticulture**; **Dairy Herd Management**.

**West Georgia College's Department of Geology** seeks applicants for a tenure-track position at the rank of assistant professor in hydrogeology with emphasis on environmental geology, beginning September 1995. Deadline to apply is February 17.

**The Dept. of Geology at the U. of Dayton** invites applications for a tenure track appointment as assistant professor to begin August 1995. Deadline to apply is March 1.

**Skidaway Institute of Oceanography** seeks to fill several positions at the Assistant Professor or Postdoctoral level in biogeochemical cycling or physical-chemical-biological couplings in estuarine, coastal or shelf environments. Deadline to apply is 15 March.

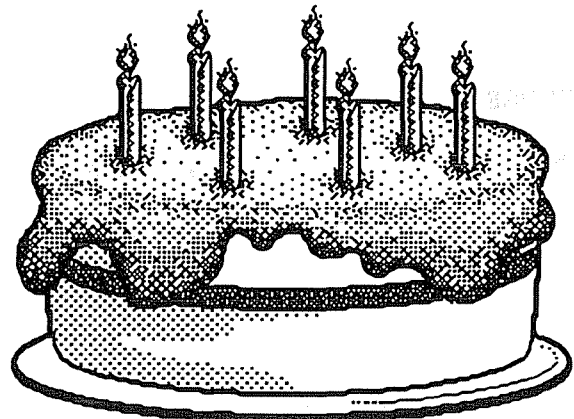
## CONFERENCES

**The Second Annual Marine and Estuarine Shallow Water Science and Management Conference** will be held April 3-7 in Atlantic City.

Any MSRC folk planning on attending the 1995 Milford Shellfish/Aquaculture Seminar Feb. 21-23, should contact Bill Wise. If enough people are interested in going, he will attempt to rent a van and save on transportation costs.

**NASA Summer School for High Performance Computational Physics**: July 10-28, 1995. Deadline to apply is February 24.

**The Hudson River National Estuarine Research Reserve** winter field programs: Iona Island as a Wintering Ground for Bald Eagles January 28 or February 4.



**CONGRATULATIONS TO AKIRA OKUBO ON HIS 70TH BIRTHDAY**  
**FEBRUARY 5, 1995**

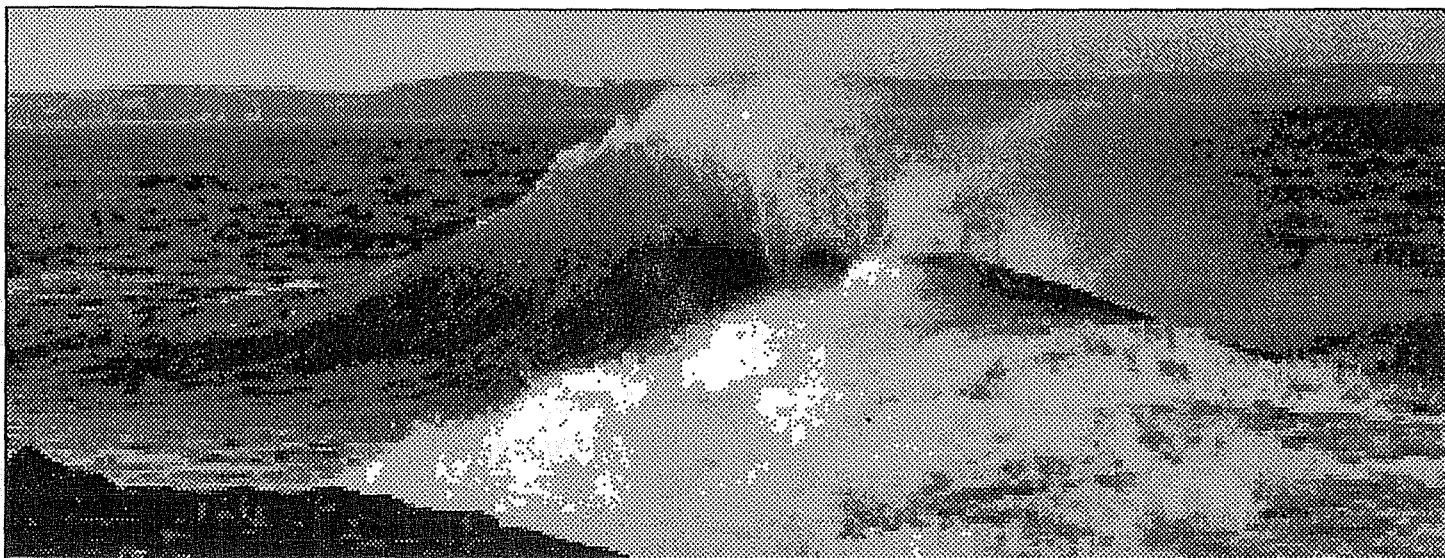


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 4

February 13, 1995

## Schedule of Events

February 13-19, 1995

- |              |      |   |
|--------------|------|---|
| <b>MON</b>   | 1000 | DVS Reception, Endeavour 120  |
|              | 1200 | DVS Seminar, Endeavour 120<br>"Organic carbon cycling at the seafloor: remineralization and microbial utilization--can they be compared?"<br>Richard Janke, Skidaway Institute                                  |
| <b>TUES</b>  | 1200 | DVS Seminar, Endeavour 120<br>"In situ benthic chamber observations of $\text{CaCO}_3$ Dissolution at the seafloor: linkages to organic carbon remineralization"<br>Richard Jahnke, Skidaway Institute          |
| <b>WED</b>   | 1200 | MSRC Weekly Seminar, Endeavour 120<br>"Global ocean fluxes estimated from sea-floor studies"<br>Richard Jahnke, DVS   |
| <b>THURS</b> |      |   |
| <b>FRI</b>   | 1230 | TAOS Weekly Seminar, Endeavour 120<br>"Climate impact of clouds: satellite data analysis"<br>X.L. Wang, Climate Analysis Center, NMC/NOAA   |
|              | 1530 | Friday Discussion Group, Challenger 163<br>"Characterization of the Peru margin seafloor from submersible observations: phosphorite formation, carbon cycling, and biological surprises"<br>Richard Jahnke, DVS |

## **EMPLOYMENT CORNER**

The National Sea Grant Program is sponsoring a new program of industrial student fellowships. Each Sea Grant Program is being given the opportunity to submit one proposal for a graduate student fellowship for up to three years of support of up to \$30,000/yr. Proposals from prospective faculty-student-industrial mentor teams are being solicited to support student thesis research at an industrial site. All federal support requested must be matched 1:1 with non-federal match. Contact Anne McElroy asap. Applications are due March 1.

University of Maryland Sea Grant College has Summer Fellowships in Remote Sensing of the Oceans June 5-August 25. Students will work at NASA's Goddard Space Flight Center or at the University of Maryland, College Park. Application deadline is April 1.

Undergraduate fellowships in marine science, oceanography and global change are available at the Bermuda Biological Station for the fall semester as part of the NSF Research Experiences for Undergraduates Program. Application deadline is March 1.

West Georgia College's Department of Geology seeks applicants for a tenure-track position at the rank of assistant professor in hydrogeology with emphasis on environmental geology, beginning September 1995. Deadline to apply is February 17.

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## **CONFERENCES**

NASA Summer School for High Performance Computational Physics: July 10-28, 1995. Deadline to apply is February 24.

Dredged Material Assessment and Management Seminar sponsored by the U.S. Army Corps of Engineers, March 22-24 at the Marriott Inner Harbor, Baltimore, MD. Registration deadline is February 21.

**Fishery Bycatch Workshop:** reducing bycatch is one of the most important and vexing problems facing marine fisheries worldwide. The East Coast Bycatch Conference will be held April 7 and 8 in Newport, RI to examine the problem as it affects fisheries along the U.S. east coast and explore alternative solutions. Bill Wise is planning on attending the conference; let him know if you would like more info on it. If enough people want to attend, we'll rent a van. There is no conference registration fee, but MSRC folk would have to cover their own lodging.

**International Symposium on Coastal Ocean Space Utilization** May 30-June 2 in Yokohama, Japan. Registration deadline is April 1.

#### UPCOMING EVENTS



**Inauguration of the** President April 28. In order

for the entire campus community to have the opportunity to attend the ceremony, the Provost has requested that all classes that overlap the time period 11 a.m. through 2 p.m. on that day be cancelled. While this may disrupt already scheduled course work, faculty are requested to make every effort to accommodate it elsewhere in the semester.

Shirley Verrett a soprano and mezzo-soprano, will present a lecture on Wednesday, February 22 as part of the University's Distinguished Visiting Lecture Series. The lecture will be in the Staller Center Recital Hall and is free.

#### IMPROVING ENGLISH LANGUAGE SKILLS



English as a Second Language is a program of basic skills that provides instruction to help foreigners improve their English

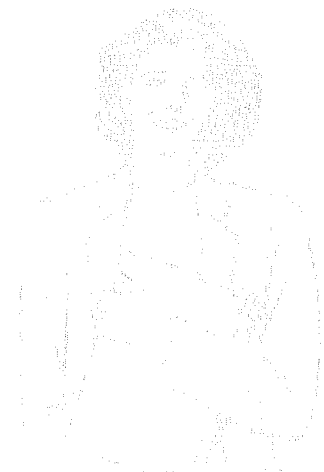
language skills. Instruction in listening, reading, oral and written communication, and life skills for individuals with limited English proficiency will be emphasized. Students select morning class (A) or evening class (B). All ESL classes meet twice a week. Twenty-five sessions. Fee \$10.00. Registration fee will be returned upon completion of the course.

**Class A: Monday/Wednesday 9 a.m. to 12 noon**

**Class starts February 27 and runs through May 31. Class meets at the Setauket Presbyterian Church, Setauket Village.**

**Class B: Tuesday/Thursday 6:15-9:15 p.m.**

**Class starts February 28 and runs through June 1. Class meets at Ward Melville High School, Rm 126, Old Town Rd, Setauket.**



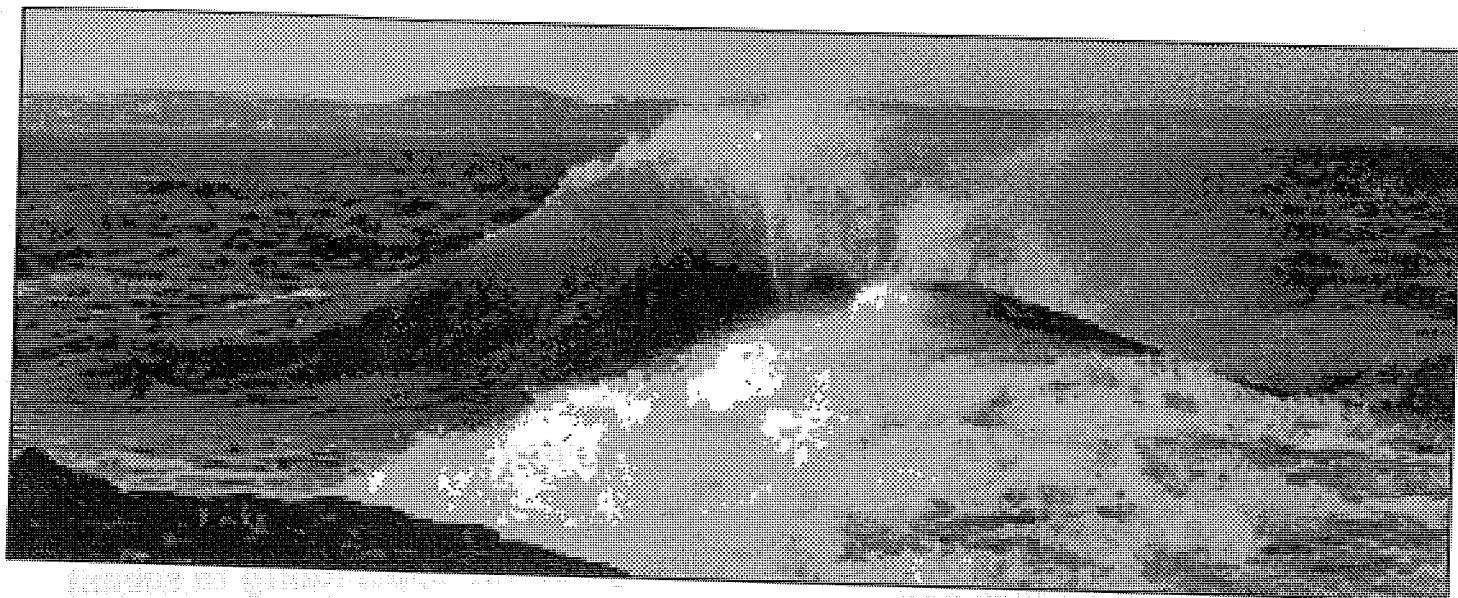


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 5

February 20, 1995

## Schedule of Events

February 20-26, 1995

**MON**

1400

Executive Committee Meeting, Endeavour 139

**TUES**

**WED**

1200

MSRC Weekly Seminar, Endeavour 120

"Environmental Toxicology: Evaluating Fish Response to Pollutant Exposure"

Adria Elskus, MSRC

**THURS**

**FRI**

1230

TAOS Weekly Seminar, Endeavour 120

"Neap to Spring Changes in Internal Motion in the Lower Hudson"

Robert Wilson, MSRC

1530

Friday Discussion Group, Challenger 163

"Internships: a year in Washington, D.C."

Rob Cho and Beth Lamoureux, MSRC



## **EMPLOYMENT CORNER**

**PROJECT WISE** is looking to hire three graduate or advanced undergraduate (senior or junior) women to be counselors at a two-week residential program at Stony Brook. This program, known as the Summer Science Adventure, is for thirty 11th grade girls who are participating in Project WISE (women in Science and Engineering), an innovative three-year (grades 10-12) Project designed to engage high-ability girls and women in science and math and encourage them to continue pursuing these subjects. Counselors will be paid \$1,000 for the period July 30-August 11 and will receive free room and board during the five week days the students are in residence. Application deadline is March 15. Call 2-6947 for forms. For more information call Wendy Katkin at 2-6998.

The University of Maine's Cooperative Extension Program has openings for two environmental camp counselors at Vaughn's Island 4-H camp. Counselors must have prior experience and must be at least 21 years of age. Salary is \$2400 plus mileage for the period June 5 to August 15.

Northeastern Illinois University in Chicago seeks a visiting

lecturer in Earth Science with conversion to tenure track possible, beginning Fall 1995. Ph.D. in geological sciences required. Deadline to apply is March 15.

The National Sea Grant Program is sponsoring a new program of industrial student fellowships. Each Sea Grant Program is being given the opportunity to submit one proposal for a graduate student fellowship for up to three years of support of up to \$30,000/yr. Proposals from prospective faculty-student-industrial mentor teams are being solicited to support student thesis research at an industrial site. All federal support requested must be matched 1:1 with non-federal match. Contact Anne McElroy asap. Applications are due March 1.

University of Maryland Sea Grant College has Summer Fellowships in Remote Sensing of the Oceans June 5-August 25. Students will work at NASA's Goddard Space Flight Center or at the University of Maryland, College Park. Application deadline is April 1.

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**Experiences for Undergraduates Program.** Application deadline is March 1.

The Dept. of Geology at the U. of Dayton invites applications for a tenure track appointment as assistant professor to begin August 1995. Deadline to apply is March 1.

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#### **CONFERENCES/EDUCATIONAL PROGRAMS**

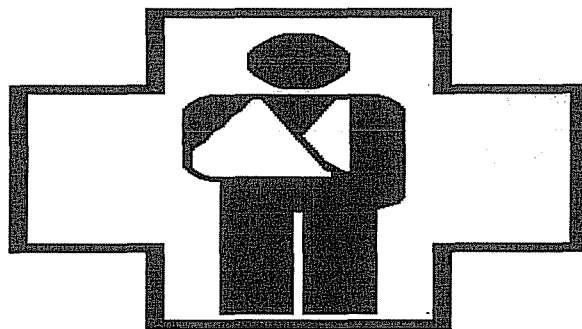
The University of Maine sponsors a Semester by the Sea Program for undergraduate students. Four to five marine courses are taught by several leading marine scientists. Students live at the University of Maine's marine laboratory, the Darling Marine Center.

**Fishery Bycatch Workshop:** reducing bycatch is one of the most important and vexing problems facing marine fisheries worldwide. The East Coast Bycatch Conference will be held April 7 and 8 in Newport, RI to examine the problem as it

affects fisheries along the U.S. east coast and explore alternative solutions. Bill Wise is planning on attending the conference; let him know if you would like more info on it. If enough people want to attend, we'll rent a van. There is no conference registration fee, but MSRC folk would have to cover their own lodging.

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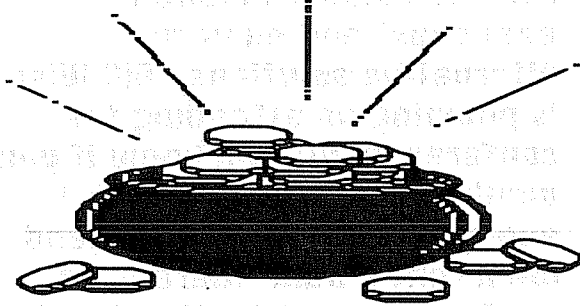
#### **UPCOMING EVENTS**



The next Blood Drive is April 7. I need a volunteer from each building to serve as blood drive captain for that building. Please volunteer--I need help to coordinate this. Long Island's blood supply is the lowest it has ever been and the University is committed to helping ensure an adequate supply of blood for those in need. If you will serve as a captain, please let me know by Friday, February 24. Thanks. Jeri



## FUNDING OPPORTUNITIES



**EPA has announced an \$8 million competition for grants for research in the areas of human health assessment, indoor air quality in large office buildings, air pollutants, and vulnerability of regional water resources to global climate change. Applications are due April 17.**



The Environmental Protection Agency (EPA) has announced a competition for grants to support research in the areas of human health assessment, indoor air quality in large office buildings, air pollutants, and vulnerability of regional water resources to global climate change. The competition is open to researchers at federal, state, and local government agencies, as well as to academic institutions and non-profit organizations. The grants are intended to support research that will help EPA understand the risks to human health and the environment from air pollution and climate change. The grants are available for up to two years and range from \$50,000 to \$500,000. Applications should be submitted to the EPA Grants and Cooperative Agreements Division by April 17, 2003.

Research in the areas of human health assessment, indoor air quality in large office buildings, air pollutants, and vulnerability of regional water resources to global climate change.

The goal of the competition is to support research that will help EPA understand the risks to human health and the environment from air pollution and climate change. The grants are available for up to two years and range from \$50,000 to \$500,000. Applications should be submitted to the EPA Grants and Cooperative Agreements Division by April 17, 2003.

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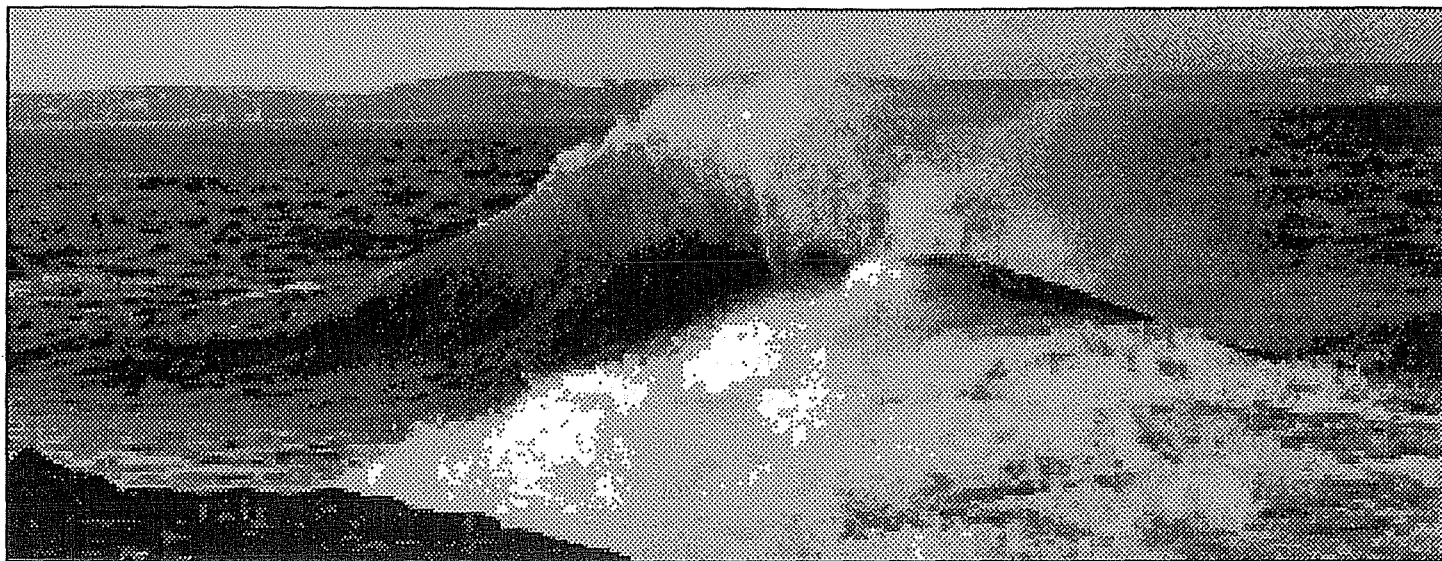


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 6

February 27, 1995

## Schedule of Events February 27-March 5, 1995

**MON**

**TUES**

**WED**

1200

MSRC Weekly Seminar, Endeavour 120  
"Reproductive Toxicity of PCBs in Fish"  
Emily Monosson, MSRC

**THURS**

**FRI**

1230

TAOS Weekly Seminar, Endeavour 120  
"Cumulus Convection and Free Will: What Really Regulates  
Convective Activity"  
Chris Walcek, SUNY/Albany

1530

Friday Discussion Group, Challenger 163  
"Chlorinated organics (dioxins, furans) in compost"  
Tom Malloy, MSRC

## **EMPLOYMENT CORNER**

A temporary position for a graduate student is available at the Fire Island National Seashore for the period April-September 1995. The individual hired will carry out a survey of benthic organisms on the barrier beach. This project has the potential to develop into a master's thesis. If interested, please contact Bob Cerrato.

PROJECT WISE is looking to hire three graduate or advanced undergraduate (senior or junior) women to be counselors at a two-week residential program at Stony Brook. This program, known as the Summer Science Adventure, is for thirty 11th grade girls who are participating in Project WISE (women in Science and Engineering), an innovative three-year (grades 10-12) Project designed to engage high-ability girls and women in science and math and encourage them to continue pursuing these subjects. Counselors will be paid \$1,000 for the period July 30-August 11 and will receive free room and board during the five week days the students are in residence. Application deadline is March 15. Call 2-6947 for forms. For more information call Wendy Katkin at 2-6998.

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Skidaway Institute of Oceanography seeks to fill several positions at the Assistant Professor or Postdoctoral level in biogeochemical cycling or physical-chemical-biological couplings in estuarine, coastal or shelf environments. Deadline to apply is 15 March.

Theta Industries in Port Washington has summer employment opportunities for students in the following technical fields: electronics, design, computer programming, machining. Call Gerry Clusener at 883-4088 if you are interested.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

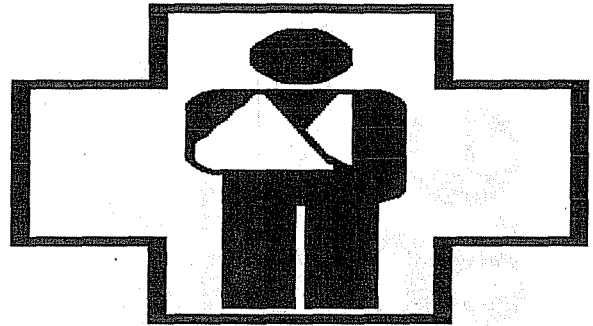
**Fishery Bycatch Workshop:** reducing bycatch is one of the most important and vexing problems facing marine fisheries worldwide. The East Coast Bycatch Conference will be held April 7 and 8 in Newport, RI to examine the problem as it affects fisheries along the U.S. east coast and explore alternative solutions. Bill Wise is planning on attending the conference; let him know if you would like more info on it. If enough people want to attend, we'll rent a van. There is no conference registration fee, but MSRC folk would have to cover their own lodging.

**International Symposium on Coastal Ocean Space Utilization** May 30-June 2 in Yokohama, Japan. Registration deadline is April 1.

**The Second Annual Marine and Estuarine Shallow Water Science and Management Conference** will be held April 3-7, 1995 in Atlantic City, New Jersey.

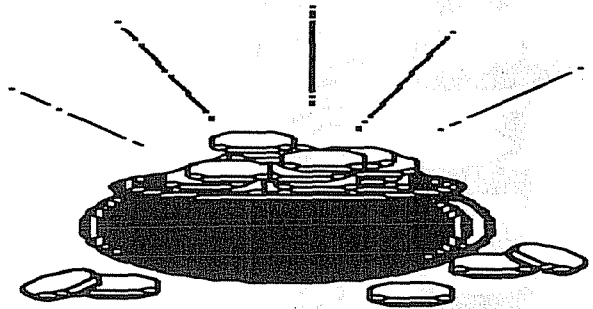
## **UPCOMING EVENTS**

The next faculty meeting will be held on Thursday, March 9, at 2:00 in Endeavour 120. Please give agenda items to Jeri by Monday, March 6.



The next Blood Drive is April 7.

## **FUNDING OPPORTUNITIES**



EPA has announced an \$8 million competition for grants for research in the areas of human health assessment, indoor air quality in large office buildings, air pollutants, and vulnerability of regional water resources to global climate change. Applications are due April 17.

The Rauch Foundation has initiated two small grant programs in Nassau County and Maryland. The programs will evolve over the next few years, but are expected to focus on community-based efforts to preserve, protect and clean up the environment. Proposal guidelines are available in the Main Office.

# Blood Shortage

*LI agency, down to a one-day supply, asks donors*

## Donations

Long Island blood donations have been dropping steadily. Long Island Blood Services, which collects about 98 percent of the blood donated on Long Island, says the downward trend is continuing, with even fewer donations expected this year.

## Number of single-pint donations



SOURCE: Long Island Blood Services

Newsday

NEWSDAY

## THIS IS AN EMERGENCY.

The blood supply in the New York metro area has fallen to a critical level and is unable to meet demand. We need your help, now.

Please volunteer to donate at your place of employment or wherever you are asked.

Volunteer today, please.

Call for an appointment:

**1-800-933-2566**

**△New York Blood Center**

**Give Blood. Save Lives. Make a difference.**

Donors must have photo identification, be between the ages of 17 and 76, weigh at least 110 lbs. and be in good health.  
CALL FOR AN APPOINTMENT: Monday through Thursday 9am-9pm, Friday 9am-4pm.

Advertisement provided through the courtesy of Chemical Bank, New York, NY

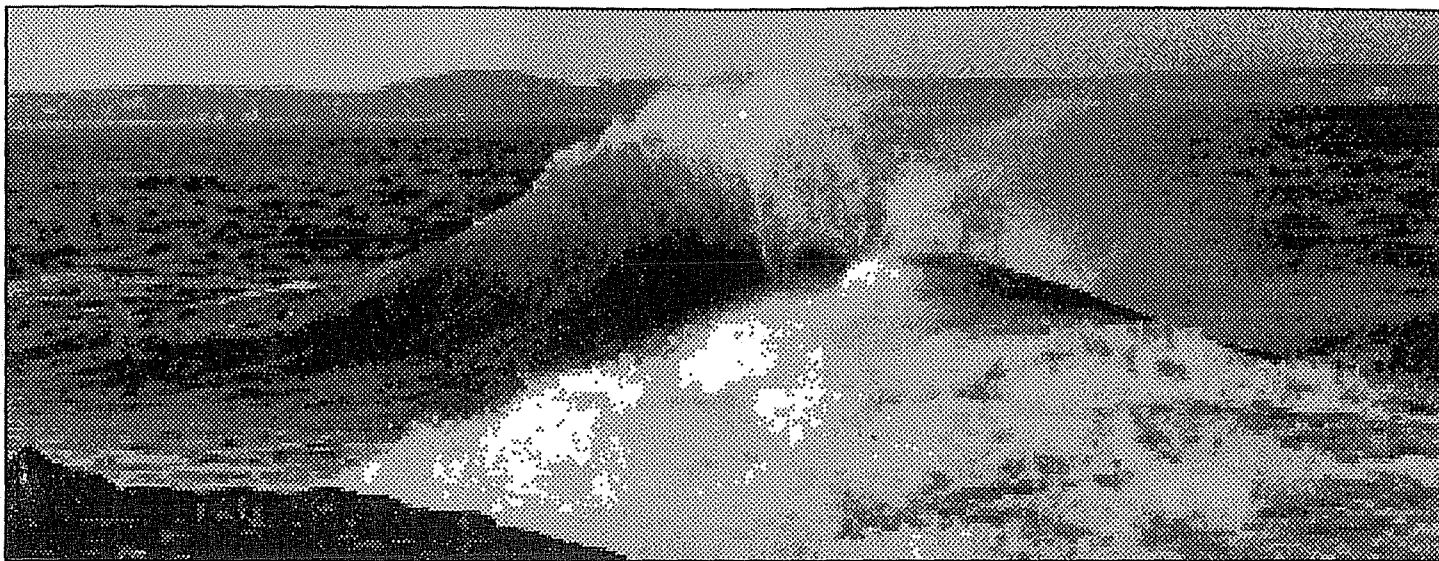


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 7

March 6, 1995

## Schedule of Events

March 6-12, 1995

**MON**

**TUES**

**WED**

1200

MSRC Weekly Seminar, Endeavour 120  
TBA  
Theodore Smayda, Univ. of Rhode Island

1240

Educational Technology Seminar I, Javits 109  
"Can Technology Improve Instruction in Large Lecture Classes?"  
Rod Engelmann, Physics and Roy Lacey, Chemistry

**THURS**

1000

Blood Drive Captains Meeting, Endeavour 113  
  
Faculty Meeting, Endeavour 120

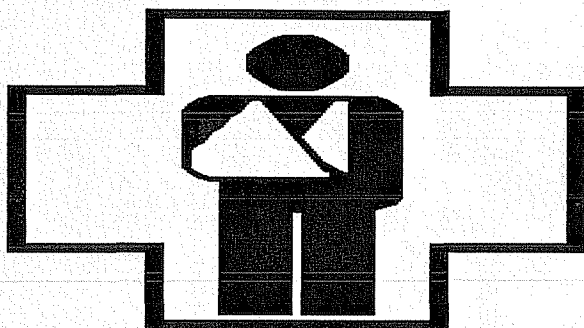
**FRI**

1130

TAOS Weekly Seminar, Endeavour 120  
"Wind and Buoyancy Forced Motions on a Wide Shallow Arctic Shelf"  
Andreas Munchow, Rutgers

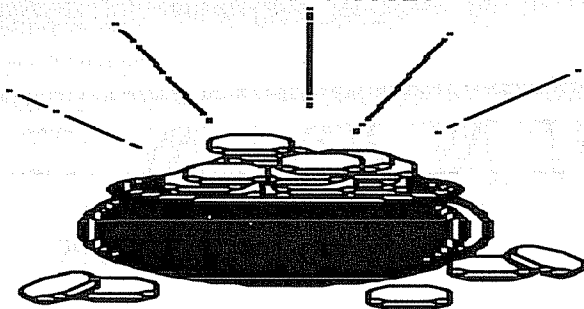
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Friday Discussion Group, Challenger 163



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### **TETHYS**

**Tethys' goal is to support women in environmental sciences. We were formed last year at MSRC. We believe that by discussing inequities that still exist in our fields we may be able to offer positive solutions to graduate men and women and thereby improve the quality of our graduate and professional experience. Additionally we are interested in helping children achieve scientific goals by promoting and implementing mentoring projects. Tethys meets on the first and third Tuesday of every month at 4:30 in Dana 100. If you enjoy exploring ideas in an informal and intellectually stimulating atmosphere we invite you to join us. Our next business meeting will be held on 7 March followed on 28 March by a reading and discussion group (refreshments will be served).**

### **TAX ASSISTANCE FOR STUDENTS**

**The Payroll Dept. in conjunction with the Volunteer Income Tax Assistance Program is offering all Stony Brook students free help in preparing Federal Income Tax returns. Volunteers will be on campus Monday through Friday from 8-5 March 6-April 14. Call 29314 to make an appointment.**



## **EMPLOYMENT CORNER**

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physical-chemical-biological couplings in estuarine, coastal or shelf environments. Deadline to apply is 15 March.

The Northeast Regional Center of the national Institute for Global Environmental Change will offer undergraduate research fellowships in the summer of 1995. Each fellowship will carry a stipend of \$3400 for a minimum of 8 weeks of full time effort. Application deadline is March 31.

The School of Earth and Atmospheric Sciences at Georgia Tech invites applications for a tenure track position in geochemistry at the Assistant Professor level. Application deadline is March 31.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

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## **UPCOMING EVENTS**

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# Three Good Reasons To Give Blood:

1. There is no substitute
2. There is no substitute
3. There is no substitute

Everyday Long Island hospitals need 800 pints of blood to meet the needs of patients in Nassau, Suffolk and Queens. The only source for blood is the volunteer blood donor...people like **YOU**, your friends and your business associates. Blood cannot be manufactured.

**PLACE:** Endeavour 120

**DATE:** April 7, 1995

**TIME:** 9:00-2:15

**CALL:** Jeri Schoof 28700

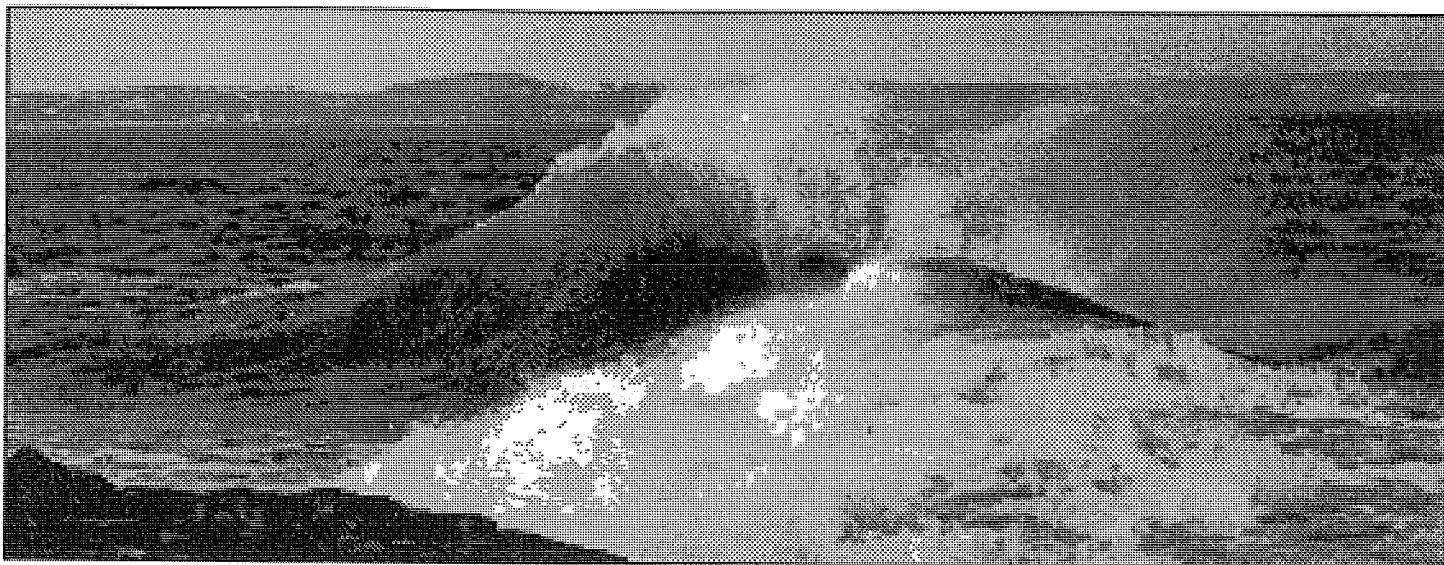


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 8

March 13, 1995

## Schedule of Events

March 13-19, 1995

**MON**

**SPRING BREAK**

**DEADLINE TO SIGN FACULTY /STAFF ROSTERS AND SUBMIT  
STATE STAFF TIMESHEETS**

**TUES**

**WED**

1200

No MSRC Weekly Seminar, Endeavour 120

**THURS**

**FRI**

1130

No TAOS Weekly Seminar, Endeavour 120

1530

No Friday Discussion Group, Challenger 163

## **EMPLOYMENT CORNER**

The Northeast Regional Center of the national Institute for Global Environmental Change will offer undergraduate research fellowships in the summer of 1995. Each fellowship will carry a stipend of \$3400 for a minimum of 8 weeks of full time effort. Application deadline is March 31.

The School of Earth and Atmospheric Sciences at Georgia Tech invites applications for a tenure track position in geochemistry at the Assistant Professor level. Application deadline is March 31.

The Centre for Estuarine and Coastal Ecology of the Netherlands Institute of Ecology has an opening for a 2-year postdoctoral position to study dissolution of carbonates in vegetated and bioturbated estuarine and coastal marine sediments.

**Openings in Cornell Cooperative Extension:**

**Environment Program Leader,  
Dutchess County**

**4-H Program Leader, Millbrook  
and Jamestown**

**Associate Director for Extension,  
NY Cornell, Ithaca**

## **CONFERENCES/EDUCATIONAL PROGRAMS**

**International Symposium on Coastal Ocean Space Utilization**  
May 30-June 2 in Yokohama, Japan. Registration deadline is April 1.

## **UPCOMING EVENTS**

The next faculty meeting will be held on Tuesday, April 11, at 10:00 in Endeavour 120.



The next Blood Drive is April 7.

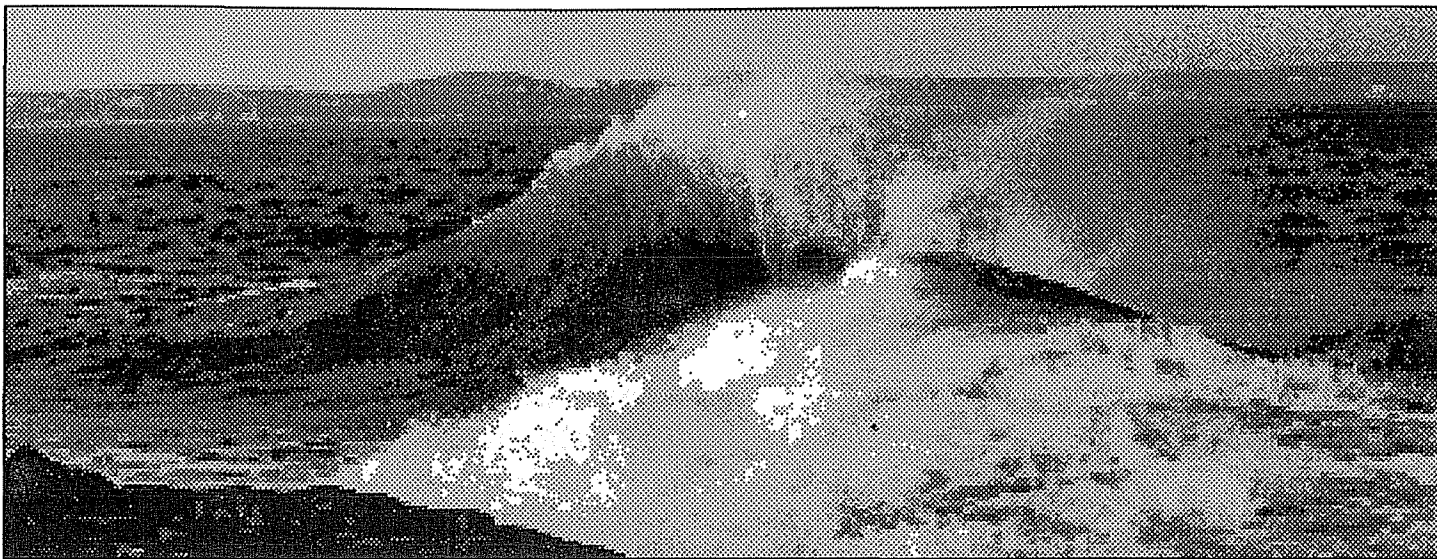


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 9

March 20, 1995

## Schedule of Events

March 20-26, 1995

### MON

1500

Executive Committee Meeting, Endeavour 113

### TUES

### WED

1200

MSRC Weekly Seminar, Endeavour 120

"Tracking down mechanisms of high-temperature tolerance in a marine algae" or "Can an old ecologist learn new biochemical tricks?"

Val Gerard, MSRC

### THURS

### FRI

1130

TAOS Weekly Seminar, Endeavour 120

"Moored observations of surface meteorology and upper ocean structure in the Western Pacific warm pool during TOGA COARE"

Steven Anderson, Woods Hole Oceanographic Institution

1530

Friday Discussion Group, Challenger 163

"Halocarbons at BNL: analytical techniques, standards and transient tracers in aquatic systems"

James Happell, Brookhaven National Lab.

## **EMPLOYMENT CORNER**

The Northeast Regional Center of the national Institute for Global Environmental Change will offer undergraduate research fellowships in the summer of 1995. Each fellowship will carry a stipend of \$3400 for a minimum of 8 weeks of full time effort. Application deadline is March 31.

The School of Earth and Atmospheric Sciences at Georgia Tech invites applications for a tenure track position in geochemistry at the Assistant Professor level. Application deadline is March 31.

Applications are invited for the position of Director of the Texas A&M Sea Grant College Program to begin September 1, 1995. Consideration of applications will begin April 15, 1995.

The National Marine Fisheries Service has an opening for a Research Fishery Biologist with an annual salary of \$43504-\$56,555. Applications received by 3/21 will be considered first.

Behrend College has an opening for a Lecturer in Biology beginning Fall 1995. Application deadline is April 15.

The Space Environment Laboratory in Boulder, Colorado has an opening for a Physicist.

Salary range is \$51,688-\$67,192 per year. Application deadline is April 28.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

International Symposium on Coastal Ocean Space Utilization May 30-June 2 in Yokohama, Japan. Registration deadline is April 1.

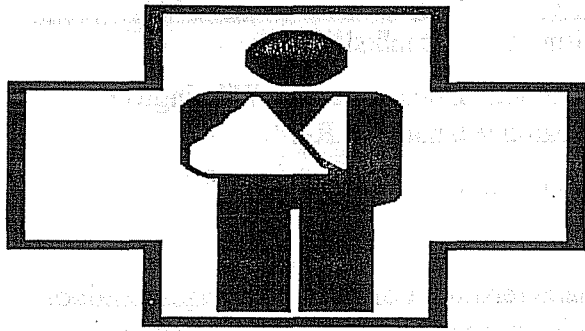
A conference on Breast Cancer sponsored by the Center for Environmental Health will be held at the University of Connecticut, Storrs, on April 6.

The Consequences and Management of Fisheries Bycatch is a two day symposium to be included in the American Fisheries Society annual meeting. Abstracts deadline is August 1, 1995.

Applications for Summer School in Earth Science are available in the MSRC Educational Programs office. Deadline is April 28. This is sponsored by NASA's Mission to Planet Earth and NOAA. The school will be held July 17-21 at UCal Tech in Pasadena, CA. The school will focus on processes of global change and is directed toward Ph.D. students and recent (with 5 years) Ph.D. graduates.

## UPCOMING EVENTS

The next faculty meeting will be held on Tuesday, April 11, at 10:00 in Endeavour 120.



The next Blood Drive is April 7.

**Inauguration of the President April 28.** In order for the entire campus community to have the opportunity to attend the ceremony, the Provost has requested that all classes that overlap the time period 11 a.m. through 2 p.m. on that day be cancelled. While this may disrupt already scheduled course work, faculty are requested to make every effort to accommodate it elsewhere in the semester.

# One pint of blood can save five lives.

# Do you really have something more important to do ?

Date April 7, 1995 Time 8:30-2:00

Place Endeavour 120

Contact Jeri Schoof

**Δ Long Island Blood Services**  
A Division of the New York Blood Center

**To:** MSRC Community  
**From:** Mary I. Scranton  
**Date:** March 16, 1995  
**Subject:** Spring 1995 Friday Discussion Group schedule

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- 27 No FDG....Enjoy the Visiting Scholar talks!!!!
- 3 February Mary Scranton and Roger Flood "Diving near the Wilmington Canyon in the nuclear research submarine NR-1"
- 10 Charlie Wurster "The birds of Peru"
- 17 *FDG Double Header*  
DVS Richard Jahnke "Characterization of the Peru Margin seafloor from submersible observations: phosphorite formation, carbon cycling and biological surprises" (Note that this special FDG will be held from 11:00 - 12:00 in Endeavor 120)  
Michael Ahrens "The NEW Polynya (Greenland) arctic hot tub or cold sink?"
- 24 Rob Cho and Beth Lamoureux "Internships: a year in Washington, D.C."
- 3 March Tom Malloy "Chlorinated organics (dioxins, furans) in compost"
- 10 Bob Wilson "Sabbatical experiences at the Rijkswaterstaat in the Netherlands"
- 17 Spring Vacation
- 24 Jim Happell (Brookhaven National Lab) "Halocarbons at BNL: analytical techniques, standards and transient tracers in aquatic systems"
- 31 Sarah Horrigan (Congressional Office of Management and Budget) "Life after oceanography: a tour through the Federal budget process"
- 7 April Dave Hutchins "Arctic radionuclide contamination"
- 14 Geoff Trager "High speed video studies of copepod torpedoes"
- 21 Bob Crease (topic on Philosophy of Science)
- 28 Leslie Adler "How much copper, chromium and arsenic leach into estuaries from treated lumber?"
- 5 May Marine Pollution Monitoring Project (Alessandra Conversi)
- 12 John Jasper (U. Conn, Avery Point) "An oceanic perspective on the global greenhouse effect: reconstruction of paleo-oceanic  $P_{CO_2}$ "



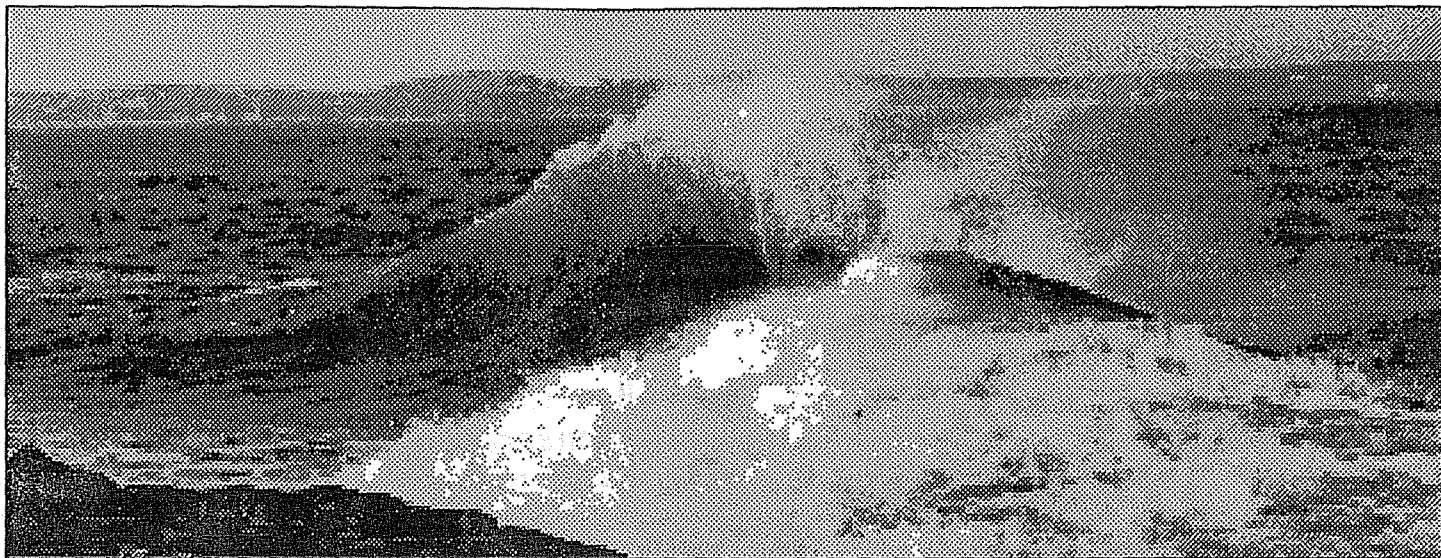


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 9

March 27, 1995

## Schedule of Events

March 27-April 2, 1995

**MON**

**TUES**

**WED**

1200

MSRC Weekly Seminar, Endeavour 120

"Biological Invasions in Coastal waters: Historical, Ecological, and Policy Perspectives"

Jim Carleton, Mystic Marine Program, Williams College

**THURS**

**FRI**

1130

TAOS Weekly Seminar, Endeavour 120

"Satellite Remote Sensing of the Atmosphere"

Prasad Varanasi, MSRC

1530

Friday Discussion Group, Challenger 163

"Life after Oceanography: A Tour Through the Federal Budget Process"

Sarah Horrigan, Congressional Office of Management and Budget



## **EMPLOYMENT CORNER**

Applications are invited for the position of Director of the Texas A&M Sea Grant College Program to begin September 1, 1995. Consideration of applications will begin April 15, 1995.

Behrend College has an opening for a Lecturer in Biology beginning Fall 1995. Application deadline is April 15.

The Space Environment Laboratory in Boulder, Colorado has an opening for a Physicist. Salary range is \$51,688-\$67,192 per year. Application deadline is April 28.

The Geological Sciences Dept. at Virginia Tech is seeking applications for two tenure-track positions at the Assistant Professor level in Hydrogeoscience and Geophysics. One position to be filled for 95/96 and the second in 96/97. Applications received by 5/1/95 will be considered first.

Save the Bay has internships for the following available:

Educational  
\*Communications  
\*Marketing and Development (1 full-time 2 part-time)  
Special Events Assistant  
Pollution Prevention

\*Graphics/Art  
Baywatcher

\*=non paying--for credit only

## **CONFERENCES/EDUCATIONAL PROGRAMS**

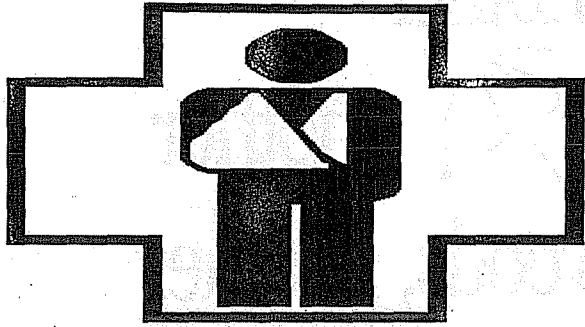
A conference on Breast Cancer sponsored by the Center for Environmental Health will be held at the University of Connecticut, Storrs, on April 6.

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## **UPCOMING EVENTS**

The next faculty meeting will be held on Tuesday, April 11, at 10:00 in Endeavour 120.

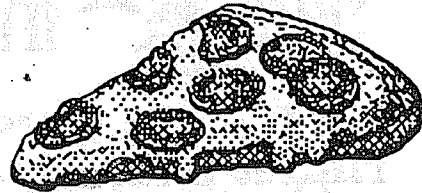


**The next Blood Drive is April 7. You should have been approached by someone in your building asking you to pledge a pint of blood. If you haven't been asked, please come to see me.**

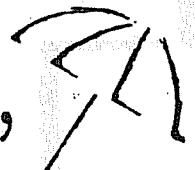

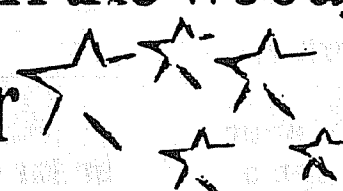


**A "Scroll of Honor" for all those who donated blood two or more times between July 1-December 31, 1994 is posted outside the Main Office and is also framed and on display in the President's Office. A new scroll will be created in 96 for those who donate blood two or more times at University blood drives between January 1 and December 31, 1995. If everyone who donated blood donated twice a year, there would be no blood shortage.**

#### **FOOD DRIVE**

**The food drive for the needy is a continuing program. Join those of us who contribute regularly. Just buy an extra can of soup, box of pasta,**



**or jar of sauce whenever you go shopping and bring it to the Main Office. Whatever you can give is very much appreciated by those who are hungry.**

When you give blood,  
you give another  
day at the beach,  another  
hike  in the woods, another  
night under  the stars,  
another smile, another  hug,  
 another chance.

Please give blood.

You can donate blood on April 7, 1995 between 8:30 and 2:00  
That's the date of our next blood drive.



Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 10

April 3, 1995

## Schedule of Events

April 3-9, 1995

### MON

### TUES

1300

Special Seminar, Endeavour 120  
"Sediment Transport Processes in the Great Lakes"  
Nathan Hawley, Great Lakes Environmental Research  
Lab

### WED

1200

MSRC Weekly Seminar, Endeavour 120  
"Perspectives on Trace Metal Geochemistry: From Colloid Dynamics  
in Estuaries to Global Oceanic Circulation"  
Sergio Sanudo-Wilhelmy, MSRC

### THURS

### FRI

0830-1400

BLOOD DRIVE, ENDEAVOUR 120

1130

TAOS Weekly Seminar, Endeavour 113  
"Microphysical and Compositional Influence on Shortwave Radiative  
Forcing of Climate by Sulfate Aerosols"  
Steven Schwartz, Brookhaven National Lab

1530

Friday Discussion Group, Challenger 163  
"An oceanic perspective on the global greenhouse effect:  
reconstruction of paleo-oceanic PCO<sub>2</sub>"  
John Jasper, University of Connecticut, Avery Point

## **EMPLOYMENT CORNER**

**Ridgefield Public Schools in Connecticut has numerous teacher vacancies for 95-96 in High School, Middle School and Elementary School. Complete descriptions available in Main Office.**

**The Department of Geology at Bucknell University has a nine-month sabbatical replacement position available at the Assistant Professor level. Teaching duties will include two introductory courses per semester. Applications will be reviewed starting May 1.**

**Applications are invited for the position of Director of the Texas A&M Sea Grant College Program to begin September 1, 1995. Consideration of applications will begin April 15, 1995.**

**Behrend College has an opening for a Lecturer in Biology beginning Fall 1995. Application deadline is April 15.**

**The Space Environment Laboratory in Boulder, Colorado has an opening for a Physicist. Salary range is \$51,688-\$67,192 per year. Application deadline is April 28.**

**The Geological Sciences Dept. at Virginia Tech is seeking applications for two tenure-track positions at the Assistant**

**Professor level in Hydrogeoscience and Geophysics. One position to be filled for 95/96 and the second in 96/97. Applications received by 5/1/95 will be considered first.**

**Save the Bay has internships for the following available:**

**Educational**

**\*Communications**

**\*Marketing and Development (1 full-time 2 part-time)**

**Special Events Assistant**

**Pollution Prevention**

**\*Graphics/Art**

**Baywatcher**

**\*=non paying--for credit only**

## **CONFERENCES/EDUCATIONAL PROGRAMS**

**The Consequences and Management of Fisheries Bycatch is a two day symposium to be included in the American Fisheries Society annual meeting. Abstracts deadline is August 1, 1995.**

**Applications for Summer School in Earth Science are available in the MSRC Educational Programs office. Deadline is April 28. This is sponsored by NASA's Mission to Planet Earth and NOAA. The school will be held July 17-21 at UCal Tech in Pasadena, CA. The school will focus on processes of global change and is directed toward Ph.D. students and**

recent (with 5 years) Ph.D. graduates.

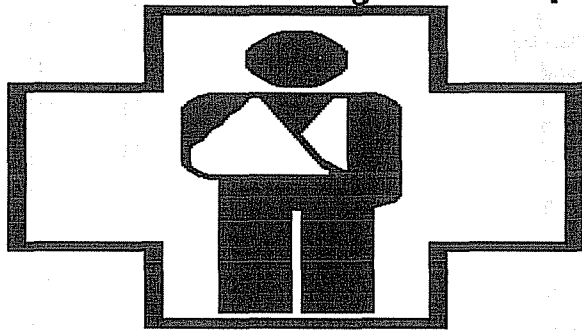
Mystic Marinelife Aquarium is offering a course in Coastal Ecology June 15-July 7, 1995. Cost is \$700. Registration deadline is May 1.

### UPCOMING EVENTS

The next faculty meeting will be held on Tuesday, April 11, at 10:00 in Endeavour 120.

Flax to Vax will be run on Saturday, April 29.

1-2 volunteers are needed to help plan, create and present the Center's exhibit at the annual Spring Camporee of the Peconic Bay District of the Boy Scouts of America. The event will occur on Saturday, April 29, from 9-5. Lunch will be provided by the Boy Scouts. Contact Bill Wise if you can help.

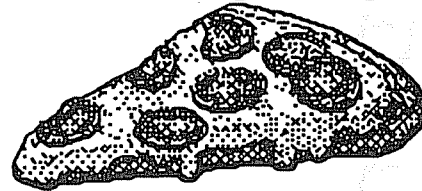


The response to the blood drive has been wonderful. Thanks to all of you and especially to the captains (Michael Aherns, Bonnie Stephens, Chris Gobler and Carl LoBue). To date we have a total of 81 pledges

(some are from Dental School, Dept. of Parking and Transportation, and Environmental Health and Safety but the majority are from MSRC, as usual. If you haven't pledged yet, please come to see me. There's always room for more.

### FOOD DRIVE

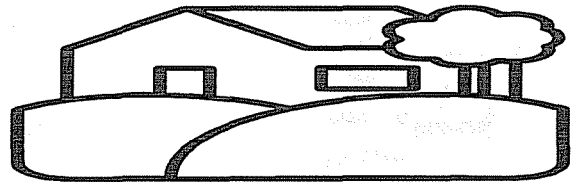
Did you remember to bring in food for the needy? Please shop for "the other family" (as I call them) when you do your



grocery shopping and bring items to the Main Office. Jeri

### HOUSE FOR RENT

Gerdi Weidner and Ed Carpenter have a house for rent May 15-summer 1996 in Northport Village. Modern 3 bedroom, walk to town, 35 min. drive to USB. \$1500/mo. Call 27837 or 28696.



Herman Lebovics in History has a house for rent in Port Jefferson late August to the end of May 1996. Six furnished rooms, 2 bedrooms, near harbor. Rent \$1400/mo. Call 27367.

One pint of blood can save  
five lives.

Do you really have something  
more important to do ?

Date April 7, 1995 Time 8:30-2:00

Place Endeavour 120

Contact Jeri Schoof

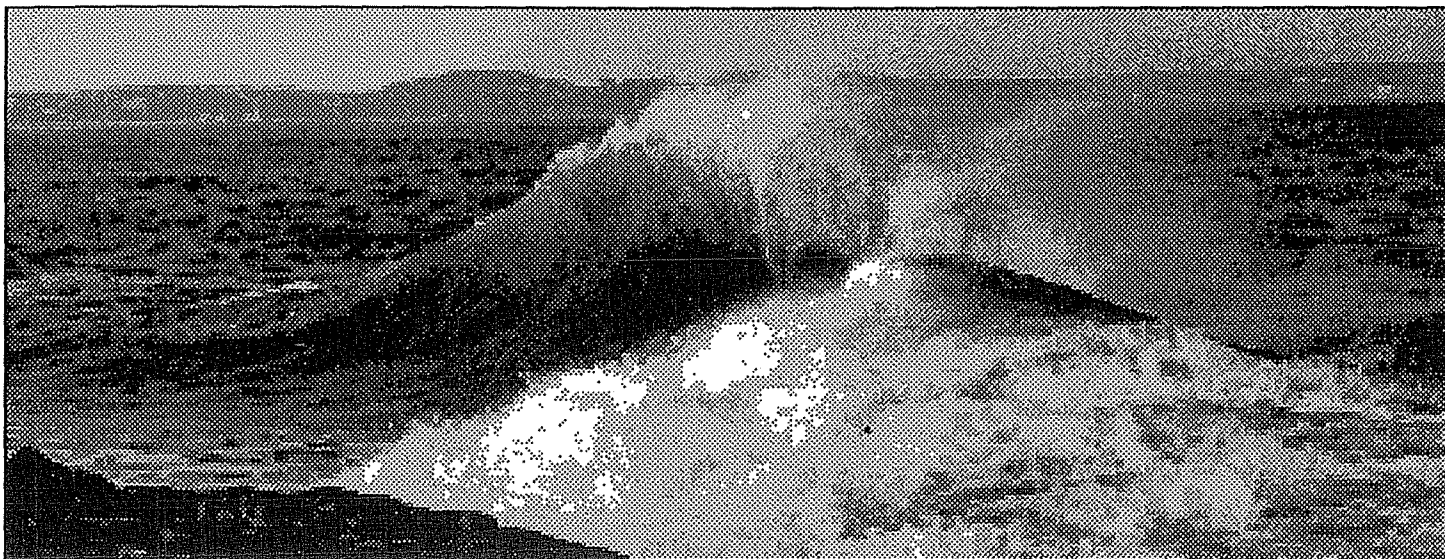


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 11

April 10, 1995

## Schedule of Events

April 10-17, 1995

**MON**

**TUES**            1000            Faculty Meeting, Endeavour 120

**WED**            1200            MSRC Weekly Seminar, Endeavour 120  
"Sexual Communication in Marine Rotifers"  
Terry Snell, Georgia Institute of Technology

**THURS**           1300            Special Seminar, Endeavour 120  
"Multidisciplinary Research on the Problems of Protection and Exploitation  
of the Natural Systems of the Kommandorskie Islands, Bering Sea"  
Alexey V. Zimenko, Moscow State University

**FRI**            1130            TAOS Weekly Seminar, Endeavour 113  
"Sensitivity of Global Ocean Circulation to Different Wind Stress  
Forcings"  
Robert Chervin, NCAR

1530            Friday Discussion Group, Challenger 163  
"High Speed Video Studies of Copepod Torpedoes"  
Geoffrey Trager, MSRC



## **EMPLOYMENT CORNER**

**Cornell Cooperative Extension has the following openings:**

**Horticulture/Vegetables  
Abduction and Abuse Prevention  
Field Crops/Animal Science  
4-H Youth Development (2 positions)  
Farm/Agricultural Business Management  
Association Director/Program Leader  
Farm Business Management**

**The Space Environment Laboratory of the Environmental Research Laboratories in Boulder, Colorado, has an opening for an Electronics Engineer (salary range \$51,688-79,402) and a Physicist (Salary range \$61,081-\$79,402). Closing date is May 31.**

## **CONFERENCES/EDUCATIONAL PROGRAMS**

**The 40th Institute in Water Pollution Control will be held at Manhattan College in Riverdale, NY June 5-9.**

**The Consequences and Management of Fisheries Bycatch is a two day symposium to be included in the American Fisheries Society annual meeting. Abstracts deadline is August 1, 1995.**

**The Mid-Atlantic Fishery Management Council will be meeting at the Radisson Islandia Hotel, 27-29 June 1995. Persons interested in the agenda and perhaps attending portions of the meeting should contact Bill Wise.**

## **UPCOMING EVENTS**

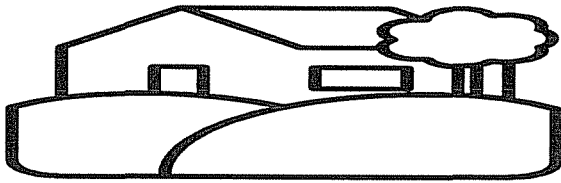
**Anyone interested in meeting with Dr. C.W. (Neal) Sullivan, Director of Polar Programs, NSF, on Wed. 19 April, please contact G. Taylor (28688) by 14 April. Flax to Vax will be run on Saturday, April 29.**

**1-2 volunteers are needed to help plan, create and present the Center's exhibit at the annual Spring Camporee of the Peconic Bay District of the Boy Scouts of America. The event will occur on Saturday, April 29, from 9-5. Lunch will be provided by the Boy Scouts. Contact Bill Wise if you can help.**

## **NEW QUARTERS**

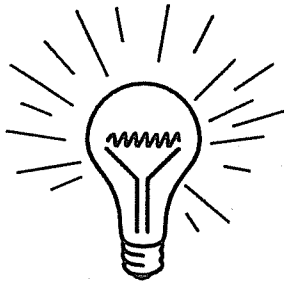
**DEC's Division of Marine Resources has relocated its offices to 205 Belle Meade Rd., East Setauket, NY 11733. Only this division has moved out of Building 40; the other units remain. No change in phone numbers except for Byron Young (444-0476) and Kim McKown (444-0454).**

## HOUSE FOR RENT



Sublet for June, July and August...a one bedroom house on Cedar Beach with a large deck facing Mt. Sinai harbor and a few steps to your private beach on Long Island Sound. Completely furnished. No pets. \$1000 a month plus security deposit. Call 928-3210 or 2-7707.

## TURN OUT THE LIGHTS AND LOCK THE DOOR



Over the past few weeks, campus Public Safety officers have been finding an increasing number of rooms at MSRC open or unlocked during off-hours, particularly classrooms, shops, etc. If you are the last to use a room, or use it in the evening or during the weekend, make sure you have the key to lock the door behind you and do so. Pilferage and vandalism are not major problems at MSRC, but they do occur. A small amount of effort can keep such

incidents to a minimum. Thanks for our cooperation.

## NAME THAT BIRD

If you have driven by the baseball field at the north end of campus lately, you may have noticed a large bird of prey perching in one of the trees surrounding the field or on one of the light poles lining the roadway. This is an adult red-tailed hawk (*Buteo jamaicensis*). Red-tails are the largest common hawk on L.I. Most are seasonal migrants, although a number of birds are present year-round. Red-tailed hawks mate for life, or at least for long periods. The continued presence of this bird suggests its nest is close by. If the pair is seen together, the larger bird is the female. These hawks prey mainly on small mammals. They are great soarers. They sometimes hunt from the air, but more often take up a station on a tree limb at the edge of a field, waiting for a mouse to make a wrong move.

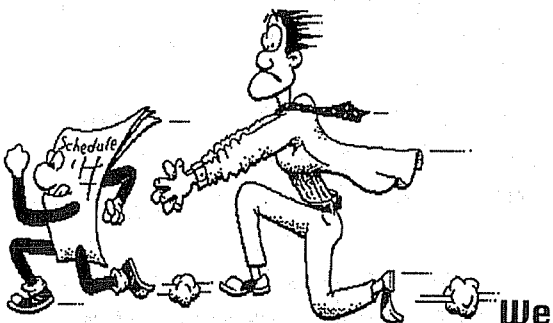
## CONGRATULATIONS

Frank Roethel has served in the Selden Volunteer Fire Department since his days as a graduate student here at MSRC. The department has recently named him the 1994 Firefighter of the Year for his lifesaving efforts in the rescue of a

drowning girl last summer.  
Congratulations, Frank.

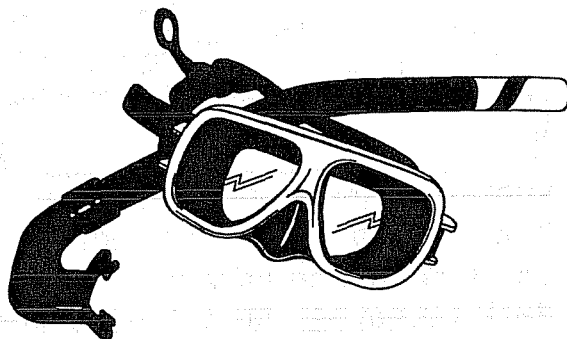
Lori Palmer was chosen by MSRC students for the MSRC Alumni Association Faculty/Staff Award. The award, which includes a certificate of appreciation and a \$75 check, is given to one MSRC faculty or staff member each year in recognition of that individual's contribution to student life at MSRC. Congratulations Lori!

**SUMMER FIELD SEASON--  
MAKE THOSE RESERVATIONS  
NOW**



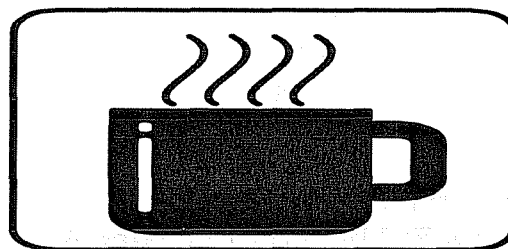
We are approaching what we hope will be a very busy field season. Please try to anticipate your needs and reserve small boats and trucks as early as possible. Call Roy Cash at 28723 or see him in Discovery 139.

## **OPPORTUNITIES FOR UNDERSEA RESEARCH**



NOAA's Undersea Research Center at the University of North Carolina at Wilmington announces opportunities for undersea research in the Atlantic Ocean off the southeast U.S. including the South Atlantic Bight, Florida Keys, and Gulf of Mexico. Final Proposals are due June 16.

## **FOOD DRIVE**



Did you remember to bring in food for the needy? Please buy an extra item or two when you go grocery shopping and bring items to the Main Office. Jeri

March 31, 1995

TO:           Jeri  
FROM:         Laura

Malcolm would like the following letter printed in Soundings:

Dear Professor:

I am writing to you on the potential opportunity to work in your lab. I have a bachelor degree in Biology and I was admitted as a graduate student in Cell and Structural Biology at University of Colorado last year. Since my husband took a position at SUNY, we moved to Stony Brook this January. I hope to find a technician or research assistant type position in laboratories for two years then go back to the graduate program.

In my undergraduate study, I did lab work in zoology, biochemistry, microbiology and physiology, etc. After graduation, I worked in Shanghai Research Institute of Cell Biology, Chinese Academy of Sciences as a technical staff for 3 years. It broadened my knowledge in cell biology, immunology, and radiology. I participated in experiments in cell culture, monoclonal antibody hybridoma, transgenic mice and transmission electron microscopy. Last year, I worked in a lab of Cell and Structural Biology Dept., Univ. of Colorado, Health Sciences Center as a graduate student research assistant. The aim of the project is to study the relationship between phospholipase A2 and neurotrophic factors. I learned more techniques on centrifugation, subcellular fractionation, thin layer chromatography, and gel electrophoresis, etc. I enjoyed the research environment and I like to work interactively with people in the lab.

Could you please let me know if you have a position open. I can come to campus any time at your convenience. If I am chosen to work in your lab, I will be able to make my best effort and contribution to the project. Thank you very much for your consideration.

Sincerely,  
Hong Wei  
3 Williams Blvd., #2E  
Lake Grove, N. Y. 11755

If you are interested, you may ask to see her resume in the Educational Programs Office.

6 April 1995  
Memo to All Hands  
Re: MAR 580 Fall 1995 Semester

We have begun developing the calendar of Wednesday seminar speakers for the fall semester. If you have a colleague that you would like to nominate, please get in touch with one of us. Even if a speaker cannot give an exact date, but would like to visit, let us know so we can pencil him/her in. We will give you an update on openings and the likely financial support we can offer. Please do not make any commitments regarding open slots or financial assistance without checking with us first.

We are looking for speakers who are doing exciting research, and can transmit that excitement to a diverse audience of faculty, staff and students.

We are encouraging the use of email to publicize the seminar activities, so if you are a graduate student (or a faculty member with other than an All-in-One address), send us your email address, so we can put you on the distribution list. If you have a colleague at another location who wants to stay informed, send us their address.

Malcolm Bowman  
Bruce Brownawell  
Alessandra Conversi

#### Convenors

=====

August 30:  
Sept 6:  
Sept 13: Charlie Flagg, BNL [date flexible] (M. Bowman)  
Sept 20:  
Sept 2:  
Oct 4: No seminar (Yom Kippur)  
Oct 11:  
Oct 18: Mike Barcelona, Univ. Michigan (B Brownawell)  
Oct 25:  
Nov 1:  
Nov 8:  
Nov 15:  
Nov 22: No seminar (Thanksgiving)  
Nov 29: Steve Morgan, MSRC  
Dec 6:  
Dec 13: No seminar (finals begin)

kinneret@zeus.datasrv.co.il, dmf@ios.bc.ca,  
 "Prof. Frank E. Talke" <talke@talke19.ucsd.edu>, slinn@u.washington.edu,  
 melack@artemia.ucsb.edu, mbowman@ccmail.sunysb.edu,  
 mixing@tracer.who.edu, robartsr@nhrc.sk.doe.ca

Subject: Job Opportunities

Can you please bring these ads to peoples attention. Thanks Jorg

# CENTRE FOR WATER RESEARCH

The Centre for Water Research is an internationally recognised environmental engineering research and teaching organisation employing approximately 70 people. It is responsible for the undergraduate and postgraduate teaching programs and undertakes research projects both locally and internationally in the environmental engineering area.

## PROGRAMMER (new position)

The Centre for Water Research has an extensive computer network of UNIX work stations (SUN and DEC Alpha), Macintosh and PC's. The Centre is seeking a person to be part of a team which is responsible for expanding and maintaining a complex suite of application software on a network of work stations, PC's and Macintoshes. The software includes commercial packages and Fortran and C codes and involves real time data acquisition, data analysis, graphics and numerical simulations. Operating systems include UNIX, Windows, DOS and MacOS. Successful applicants must exhibit initiative and show independence. Overseas travel on field trips is highly likely. A degree in Computer Science, Engineering or Physical Sciences is essential as is experience with UNIX machines. A proven record of independence and initiative is highly desirable. The appointment is for 12 months with strong prospects of continuation.

SALARY RANGE: HEE Level 5/6 AUS\$29,709 - \$36,493 p.a.

## RESEARCH ASSISTANT (new position)

The Centre is seeking an independent, enthusiastic person to assist in field work/trips, data analysis and numerical water quality modelling. The person should be familiar with modelling and the UNIX operating system and willing to participate in overseas field trips. A degree in Engineering, Biological Sciences or Chemistry is essential. Familiarity with Fortran and/or C are highly desirable. The appointment is for 12 months with strong prospects of continuation.

SALARY RANGE: Level 5/6 AUS\$29,709 - \$36,493 p.a.

## SENIOR ENVIRONMENTAL ENGINEER

The Centre for Water Research is seeking a senior scientist to lead an active group working in water quality modelling. Broad ecological experience is essential as is clear evidence of research leadership. The objective of the research is to construct new 2D and 3D numerical water quality models applicable to lakes, reservoirs and estuaries. The successful applicant will be assisted by a senior numerical modeller and a number of research assistants. A PhD in Engineering, Biology, Chemistry or Ecology as well as a proven record in leadership is essential. The appointment is for 12 months with strong prospects of continuation.

SALARY RANGE: Level 8 AUS\$42,575 - \$46,786.

## RESEARCH FELLOW


The Centre is seeking to appoint a research fellow in computational fluid

dynamics on both ARC and other funded projects directed towards the development of a number of reservoir mixing mechanisms and water quality algorithms for 1D, 2D and 3D models. The successful applicant will be expected to lead these numerical developments, interact with an extensive field programme, work closely with a group of ecologists and aid in further development of theoretical description of the mechanisms. Experience in stratified flows and numerical modelling is essential.

A PhD in Engineering, Physics, Applied Mathematics, Physical Limnology or related field is essential. Biologists or Chemists with extensive experience in fluid dynamics will also be considered.

**SALARY RANGE:** AUS\$41,475-\$49,370

Contact Professor J. Imberger for further information on telephone + 61 (0) 9 380 3911, fax + 61 (0) 9 380 1015, e-mail wood@cwr.uwa.edu.au



**Research Specialist**

Individual needed to perform chemical analysis of environmental waters and ocean sediments. Work involves the analysis of trace elements in natural water samples and other environmental samples at parts-per-trillion levels by graphite furnace atomic absorption spectrophotometry and inductively coupled plasma mass spectrometry. Responsibilities also involve the organization of the laboratory, maintenance of supplies, supervision of students, and preparation for oceanographic cruises. Work may involve some time at sea on oceanographic cruises.

**Requirements:** Bachelor's or Master's degree in Chemistry or related laboratory-oriented subject and training or experience in laboratory chemistry. The analysis requires meticulous technique and attention to detail.

Qualified applicants should submit two copies of both cover letter and resume referencing **Job No. 95-0215R to: Kenneth Hewitt, MIT Personnel Office, Bldg. E19-239, 77 Massachusetts Avenue, Cambridge, MA 02139-4307.**

MIT is an Equal Opportunity/ Affirmative Action Employer  
MIT is a non-smoking environment

MASSACHUSETTS INSTITUTE OF TECHNOLOGY



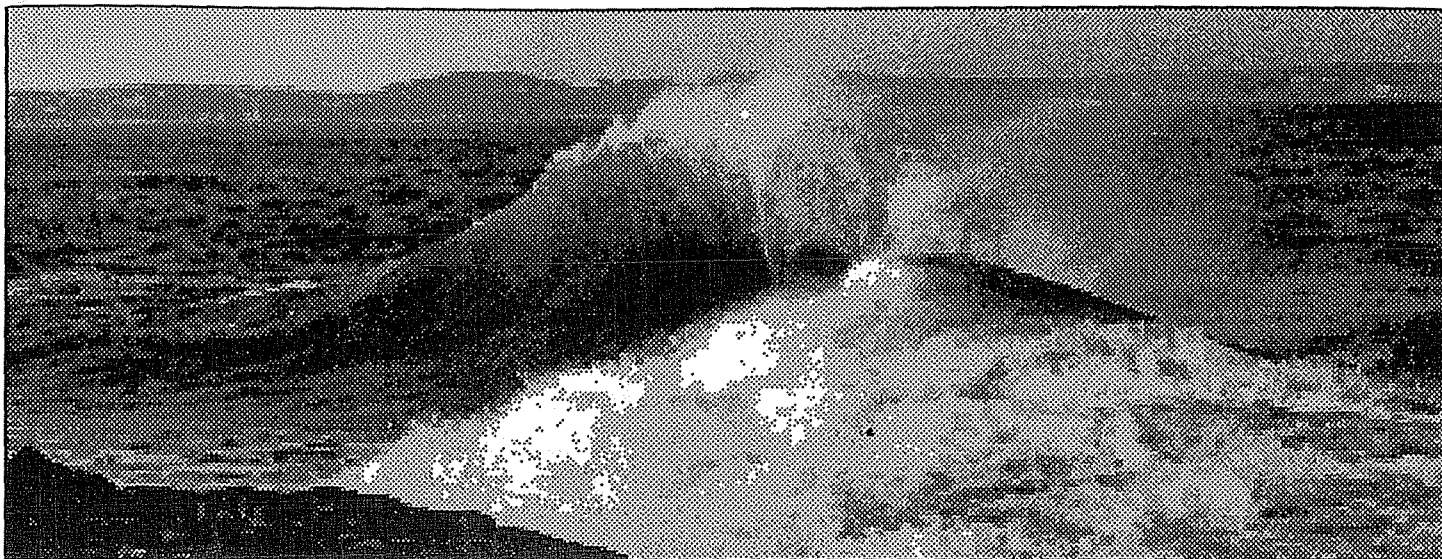


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 12

April 17, 1995

## Schedule of Events

April 17, 1995

<b>MON</b>	1000	Executive Committee Meeting, Endeavour 113
<b>TUES</b>		
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "The Office of Polar Programs, NSF Support of Bipolar Research Activities" Neal Sullivan, Director of the Office of Polar Programs, NSF
	1500	SPECIAL SEMINAR, Endeavour 120 "Relationships of Physical/Biological Features of the Southern Ocean: from Microscopes to Macroscopes" Neal Sullivan
<b>THURS</b>		
<b>FRI</b>	1130	TAOS Weekly Seminar, Endeavour 113 "Neap to Spring Changes in Intestinal Motion in the Lower Hudson" Robert Wilson, MSRC
	1530	Friday Discussion Group, Challenger
	1830	INTERNATIONAL DINNER, ENDEAVOUR 120



## **EMPLOYMENT CORNER**

The U.S. Coast Guard Academy invites applications for a temporary, full-time teaching position in Marine Biology for 95/96. Qualifications: M.S. in Marine Biology or Biological Oceanography required; Ph.D. preferred. Application deadline 5 May.

Research Associate II (Postdoctoral) position available July 1, 1995 in fisheries transport/recruitment mechanisms within coastal, estuarine and artificial reef environments. Ph.D. in Fisheries Oceanography or Marine Sciences required. Application deadline is May 15.

Motivated 10th grader seeks summer internship in the field of science. A+ average, all honors classes. Contact Emanuel Shashani 367-3448; 444-3512.

I have the names of a number of high school students seeking summer employment in faculty labs. If you have an opportunity available, please see me. Jeri

The Space Environment Laboratory of the Environmental Research Laboratories in Boulder, Colorado, has an opening for an Electronics Engineer (salary range \$51,688-

79,402) and a Physicist (Salary range \$61,081-\$79,402). Closing date is May 31.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

IV International Symposium *Cephalopods--Present and Past*, Granda, 15-17 July 1996.

U.M. Goldschmidt Conference, An International Conference for the Advancement of Geochemistry, May 24-26, 1995.

The 40th Institute in Water Pollution Control will be held at Manhattan College in Riverdale, NY June 5-9.

The Consequences and Management of Fisheries Bycatch is a two day symposium to be included in the American Fisheries Society annual meeting. Abstracts deadline is August 1, 1995.

The Mid-Atlantic Fishery Management Council will be meeting at the Radisson Islandia Hotel, 27-29 June 1995. Persons interested in the agenda and perhaps attending portions of the meeting should contact Bill Wise.

## **UPCOMING EVENTS**

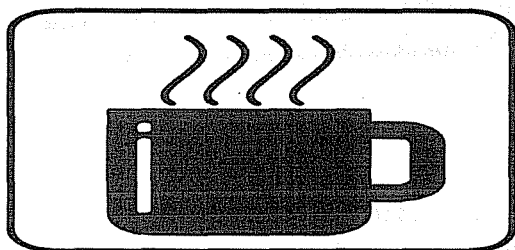
Flax to Vax will be run on Saturday, April 29.



The annual International Dinner will be held on Friday, April 21, at 6:30 pm in Endeavour 120. Sign up for food and entertainment in the mail room. See Gabe in Discovery 115 if you have questions.

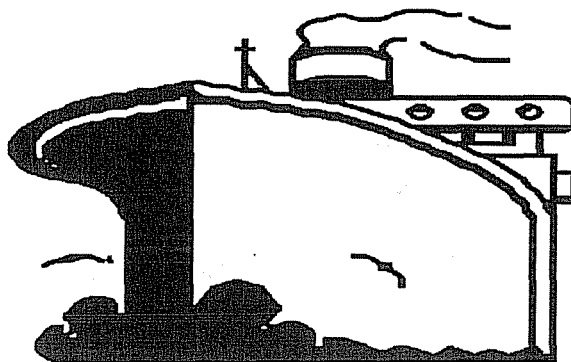
The next faculty meeting will be May 22 at 10 a.m. Agenda items should be given to Jeri by Wednesday, May 17.

#### FOOD DRIVE



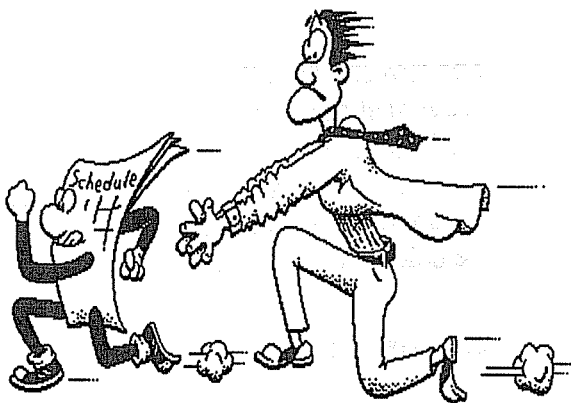
Did you remember to bring in food for the needy? Please buy an extra item or two when you go grocery shopping and bring items to the Main Office. Jeri

#### SAMPLING REQUESTS?



Student on NMFS hydroacoustic study May 8-26 may fill some plankton, mackerel, herring requests. Call Bill at 654-8662.

#### SUMMER FIELD SEASON-- MAKE THOSE RESERVATIONS NOW



We are approaching what we hope will be a very busy field season. Please try to anticipate your needs and reserve small boats and trucks as early as possible. Call Roy Cash at 28723 or see him in Discovery 139.

# **Job Opportunities Through the GSO for 1995 - 96**

The GSO currently has three paid positions available for the '95 -'96 school year. For application information, contact the GSO Office at 632-6492 or stop by Room 2105, Computer Science Building.

## **Editor, Graduate Student Newspaper.**

This position involves a one-year commitment, and involves the production of 4-5 eight page issues of the *News & Views* per semester. You'll need to know (or be willing to learn) everything it takes to produce a small newspaper including writing, editing and desktop publishing skills. The editor is responsible for soliciting (and producing) articles, photography, and ads. Production is on a networked PC with Pagemaker 5.0 software.

The position is very open-ended. The editor works with the GSO executive council, but traditionally has a good deal of freedom to determine the content and form of the paper. The funding for this position is \$4600, the equivalent of a 1/2 line stipend. The deadline for application is April 17, 1995.

## **Investigative Reporter**

The Investigative Reporter works with the editor of the *News & Views* to cover campus issues that affect graduate students. It requires polished writing skills, a willingness to dig out information from administrative sources, and an ability to sort through documents on policies and budgets. The Investigative Reporter is responsible for one substantial (2000-2500 word) piece for each issue, or the equivalent, to be determined in consultation with the editor. Salary is \$2,000 per year. The deadline for application is April 17, 1995.

## **Graduate Student Advocate**

The Advocate acts as an ombudsman for graduate students, and helps mediate academic disputes involving graduate students, faculty, or administrators. The Advocate also has administrative responsibilities in the Graduate School. He or she will be required to work closely with the GSO officers to serve the needs of graduate students.

The Graduate School funds this position as a full GA line (20 hrs/wk, \$9572 stipend). A full tuition waiver and union benefits are provided. For a complete job description contact the Graduate School. Application materials for this position should be sent to the GSO prior to April 21, 1995.

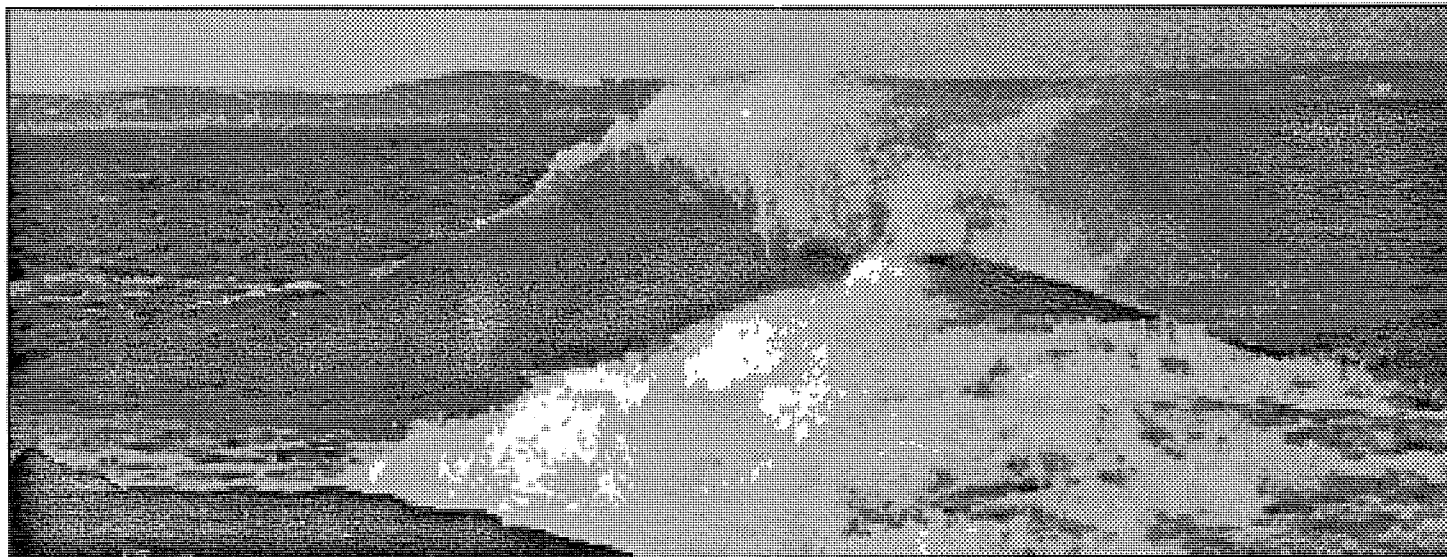


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 13

April 24, 1995

## Schedule of Events

April 24-30, 1995

**MON**  
**TUES**

**WED**

1200

MSRC Weekly Seminar, Endeavour 120  
"Copper-phytoplankton interactions in seawater"  
Jim Moffet, Woods Hole Oceanographic Institution

**THURS**

**FRI**

1400

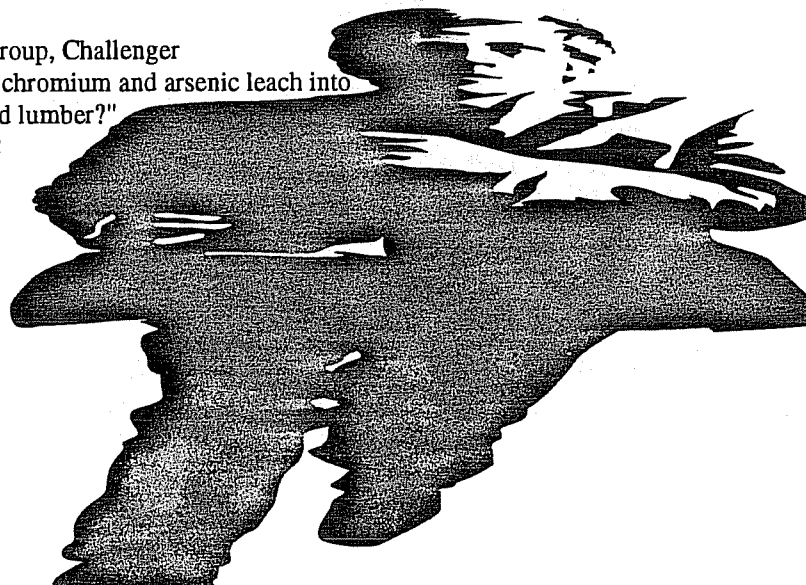
TAOS Weekly Seminar, Endeavour 113  
"Numerical simulation of fiord circulation in Doubtful Sound,  
New Zealand, modified by a hydroelectric plant discharge"  
Malcolm Bowman, MSRC

1530

Friday Discussion Group, Challenger  
"How much copper, chromium and arsenic leach into  
estuaries from treated lumber?"  
Leslie Adler, MSRC

**SAT**

FLAX TO VAX



## **EMPLOYMENT CORNER**

The U.S. EPA has openings for a Research Ecologist and a Research Statistician in its laboratory in Narragansett, RI. Application deadline is April 28.

Long Island Sound Taskforce is looking for Adopt-A-Harbor interns to help study L.I. Sound water quality this summer. Part-time (5-20 hours per week) volunteer internships are available for high school and summer college students.

U.S. Department of Energy has an opening for the Director of its Environmental Measurements Laboratory in Chicago. Deadline extended to May 19.

Research Associate II (Postdoctoral) position available July 1, 1995 in fisheries transport/recruitment mechanisms within coastal, estuarine and artificial reef environments. Ph.D. in Fisheries Oceanography or Marine Sciences required. Application deadline is May 15.

Jonathan Provan, majoring in natural resources at Cornell, is looking for a research assistant position over the summer. He has a good bit of experience with marine and fisheries field work. If you might have an opening in your lab this summer and are interested in looking at

Mr. Provan's resume, please see Bill Wise.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

International Conference on "Coring for Global Change" will be held in Kiel 28-30 June 1995.

IV International Symposium *Cephalopods--Present and Past*, Granda, 15-17 July 1996.

The 40th Institute in Water Pollution Control will be held at Manhattan College in Riverdale, NY June 5-9.

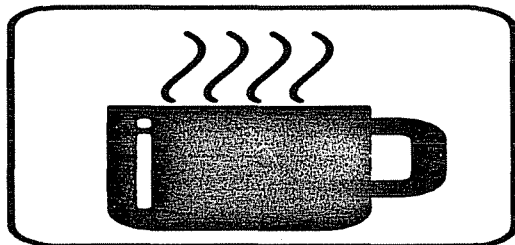
The Consequences and Management of Fisheries Bycatch is a two day symposium to be included in the American Fisheries Society annual meeting. Abstracts deadline is August 1, 1995.

The Mid-Atlantic Fishery Management Council will be meeting at the Radisson Islandia Hotel, 27-29 June 1995. Persons interested in the agenda and perhaps attending portions of the meeting should contact Bill Wise.

## **UPCOMING EVENTS**

The next faculty meeting will be May 22 at 10 a.m. Agenda items should be given to Jeri by Wednesday, May 17.

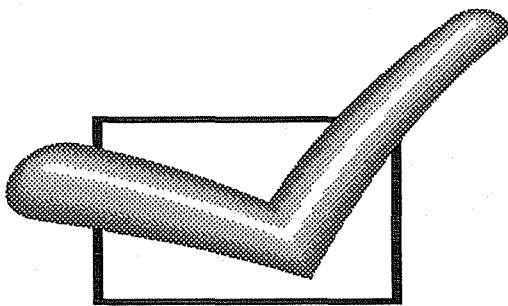
## **FOOD DRIVE**



A box of pasta, a can of soup, a bar of soap--something minor perhaps for us but of significant help to those less fortunate. Please contribute to our food drive. Jeri

## **PERSONAL**

If anyone belongs to Key Bank or Nat West, I'd like to request a favor that these banks only grant to account holders--- involving exchanging a small amount of foreign currency. Please see me if you can help. Trudy Bell



**Inauguration of the President April 28.** In order for the entire campus community to have the opportunity to attend the ceremony, the Provost has requested that all classes that overlap the time period 11 a.m. through 2 p.m. on that day be cancelled. While this may

disrupt already scheduled course work, faculty are requested to make every effort to accommodate it elsewhere in the semester.



Sigma Xi, the Scientific Honor Society, is holding its annual competition for student travel awards. If you have presented a paper at national or international meetings in this academic year, or will present something this summer, you are eligible. Send to Eric Schultz by April 26: an abstract of presentation, travel budget, letter from advisor or other faculty member familiar with your work, which should include some indication of the need for the award (e.g. student will have to pay out of pocket otherwise). Awards last year were \$150-200.



*Opportunity for summer travel/study!*

**TO RUSSIA WITH LOVE!!!**  
**An invitation to an unforgettable journey**  
**Paris, Kiev, Moscow and St. Petersburg**  
**July 29 - August 24, 1995**  
**\$1,500**  
**(airfare, room, board)**

**Independent Study course credit available**  
**Aviation and Transportation, Arts and Science, Education**  
**(3-6 credits)**

**Co-sponsors:**

Intelligent Transportation Systems, Dowling Student Chapter

**Special features:**

- Visit the best art collections in the world and places of historical interest
- Introduction to the culture, history, traditions and language of three nations
- Learn about new technologies in transportation and aviation
- Opportunity to learn techniques from world famous scientists and educators
- Meet new friends and learn about new career and business opportunities
- Homestay with colleagues and friends
- Group leaders fluent in Russian and Ukraine
- Optional visits to London and Amsterdam

**To express your interest in participating contact:**

- Dr. Carl Berkowitz - School of Aviation and Transportation x3261
- Dr. Anna Nesterova - School of Arts and Science x5045

*244-5045*

*See Malcolm Bowman for further  
details.*



Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 14

May 1, 1995

## Schedule of Events

May 1-7, 1995

MON  
TUES

WED

1200

MSRC Weekly Seminar, Endeavour 120  
"The Floating World: Oceanographical, Ecological, Anthropological, and  
Political Importance of Drifting Objects"  
Akira Okubo, MSRC

THURS

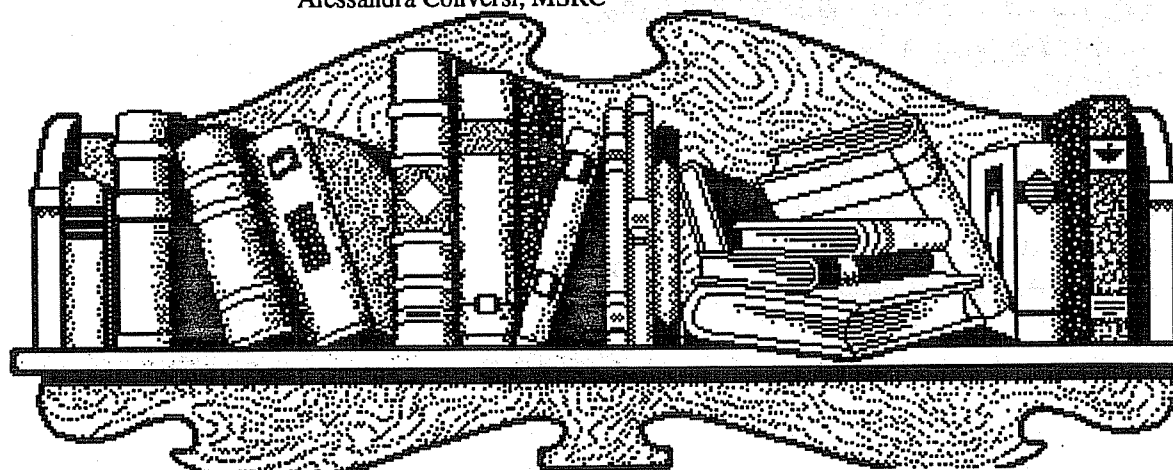
FRI

1130

TAOS Weekly Seminar, Endeavour 113  
"Radiative Smoothing in Fractal Clouds"  
Warren Wiscombe, NASA/Goddard

1530

Friday Discussion Group, Challenger 163  
"Marine Pollution Monitoring Project"  
Alessandra Conversi, MSRC



## **EMPLOYMENT CORNER**

**Research Associate II**  
(Postdoctoral) position available  
July 1, 1995 in fisheries  
transport/recruitment  
mechanisms within coastal,  
estuarine and artificial reef  
environments. Ph.D. in Fisheries  
Oceanography or Marine  
Sciences required. Application  
deadline is May 15.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

**International Conference on**  
"Coring for Global Change" will  
be held in Kiel 28-30 June 1995.

**IV International Symposium**  
*Cephalopods--Present and Past*,  
Granda, 15-17 July 1996.

**The Consequences and**  
**Management of Fisheries**  
**Bycatch** is a two day symposium  
to be included in the American  
Fisheries Society annual  
meeting. Abstracts deadline is  
August 1, 1995.

## **UPCOMING EVENTS**

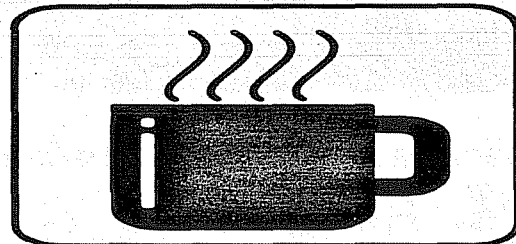
The next faculty meeting will be  
May 22 at 10 a.m. Agenda items  
should be given to Jeri by  
Wednesday, May 17.

**Joint Stony Brook Community**  
**Fund/MSRC LECTURE SERIES**  
**"Riders of the Streams" at the**  
**West Meadow Creek Marine**

**Conservation Center 7:30pm-**  
**9:30pm (\$10/person/lecture**  
**\$40/person/entire series):**

**May 3 "Larval Bluefish: Fates**  
**Cast to the Currents" Bob**  
**Cowen**

## **FOOD DRIVE**



A box of pasta, a can of soup, a  
bar of soap--something minor  
perhaps for us but of significant  
help to those less fortunate.  
Please contribute to our food  
drive. Jeri

## **FLAX POND CLEANUP**

Many thanks to the MSRC folks  
who participated in the recent  
Flax Pond Cleanup. More than  
3000 lbs of material was  
collected, of which 2500 lbs was  
sorted and categorized by  
Waste Management Institute  
staff. Special thanks go to  
Stella Ross of WMI and Nancy  
Craig, weighmaster  
extraordinaire."

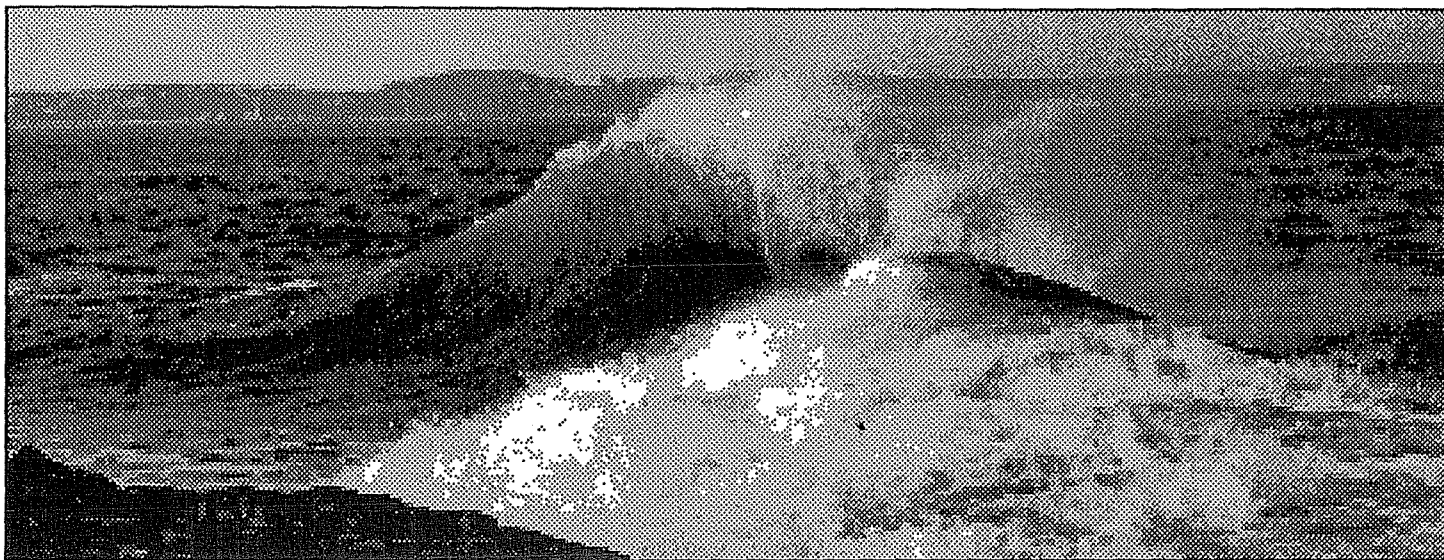


Photo by George Rowland

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# *MSRC SOUNDINGS*

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Vol. X, No. 15

May 8, 1995

## Schedule of Events

May 8-14, 1995

MON

TUES

WED

THURS

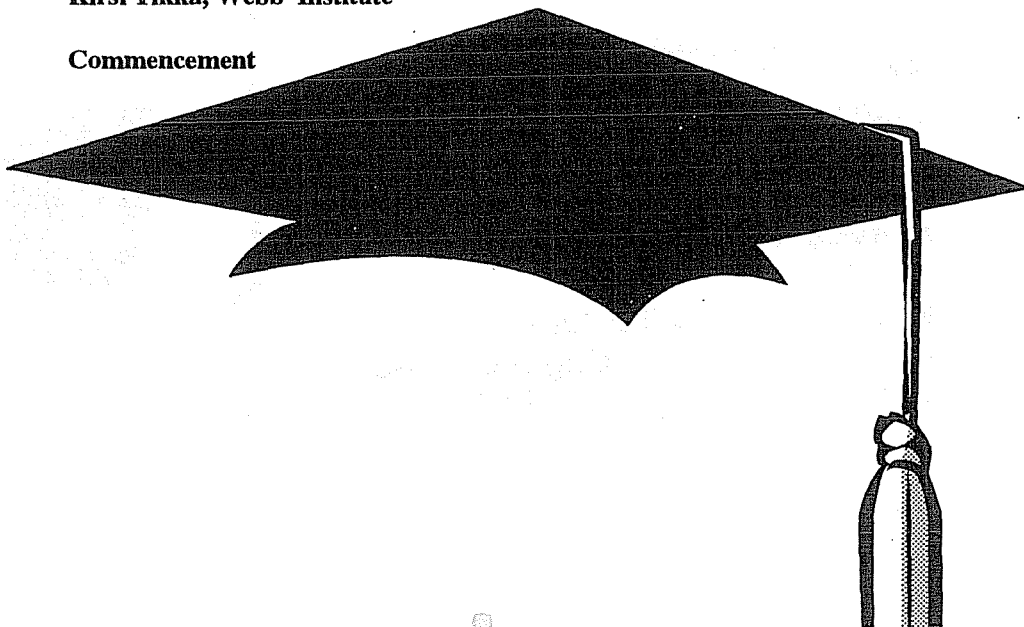
FRI

1530

Friday Discussion Group, Challenger 163  
Kirsi Tikka, Webb Institute

SUN

Commencement



## **EMPLOYMENT CORNER**

The Long Island Sound Taskforce is seeking a part-time (20 hrs/wk for six months) research assistant to coordinate the laboratory and data management for Adopt-a-Harbor water quality monitoring program.

Cornell Cooperative Extension has positions available for:

Franklin County, Malone, NY  
Association Director  
Agricultural Economics &  
Business Management  
Nutrition/Human Development

Riverhead, NY  
Integrated Pest Management  
Specialist--Entomology

Oneida Count, Oriskany, NY  
Consumer  
Horticulture/Environmental  
Stewardship

Rensselaer County, Troy, NY  
Horticulture

Jefferson County, Watertown, NY  
Association Developer

## **CONFERENCES/EDUCATIONAL PROGRAMS**

Introduction to Wetland  
Identification, Basking Ridge, NJ  
June 3 or Albany, NY July 8

Whose Thirst is First? A New  
Paradigm for Water  
Management, Portland, Maine,  
August 1-4

## **UPCOMING EVENTS**

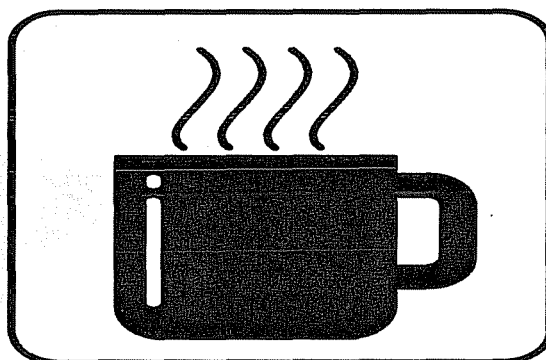
The next faculty meeting will be  
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Wednesday, May 17.

Joint Stony Brook Community  
Fund/MSRC LECTURE SERIES  
"Riders of the Streams" at the  
West Meadow Creek Marine  
Conservation Center 7:30pm-  
9:30pm (\$10/person/lecture  
\$40/person/entire series):

May 10 "Riding the Currents:  
From the Caribbean to Block  
Island" Erwin Ernst

American Heart Association  
Beano HeartRide June 11 USB  
Indoor Sports Complex

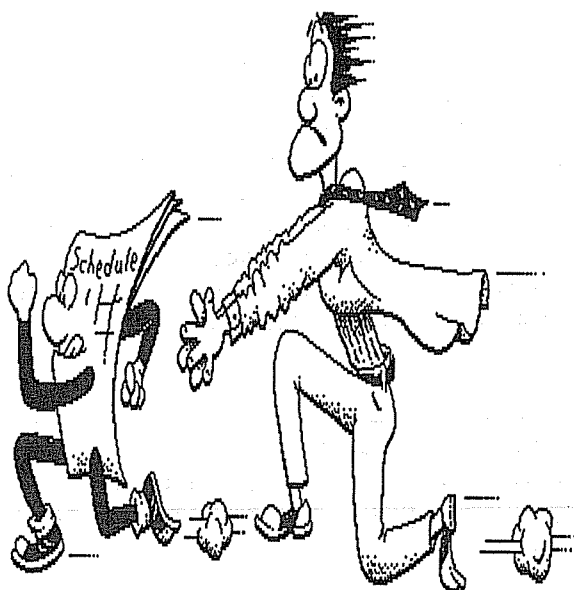
## **FOOD DRIVE**



Make someone else's Mother's  
Day a little brighter--Please  
contribute to our food drive.  
Jeri

## **HOUSING NEEDED**

Dr. Yu Song, a visiting faculty member in the Applied Math Dept., will need housing for two months (May 15-August 15) for himself, wife and daughter. If you have a house or apartment to rent or sublet, please call him at 219-272-8697.



## **NEED ELECTRONIC SERVICES OR EQUIPMENT RENTALS THIS SUMMER?**

The ESHOP is finalizing its schedule for the always busy summer season. If you are planning to make any use of ESHOP equipment or personnel between now and October 1st, please write me a short note indicating what you are planning. Be as specific as possible, but any notification is better than none. Our calendar is filling up fast, so don't delay.

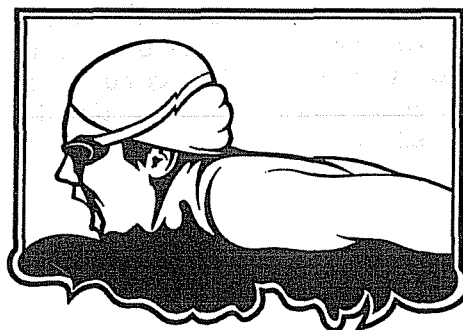
Please have your requests in by Friday, May 12. Tom Wilson

## **WANTED**

If you have a used surfboard that you don't want anymore, see Bill Wise.

## **FRINGE BENEFIT RATES FOR STUDENTS**

We just received word from ORS that the fringe benefit rate for graduate students is expected to be lowered to 12% effective 7/1/95.



## **SUMMER SCHEDULE FOR SOUNDINGS**

Soundings will go on its summer schedule after this issue. It will appear the 1st of each month (June, July, August). Deadline for entries will be the 20th of the month.



STATE UNIVERSITY OF NEW YORK, STONY BROOK, N.Y. 11794-5000 (516) 632-8701  
FAX (516) 632-8820

I want to express my sincerest thanks to my good friends and colleagues of MSRC for not one, but two retirement parties. The Symposium and dinner on April 25 went beyond my wildest expectations, and for the many compliments, gifts, good food, and good wishes, I am truly grateful. I think what I liked best was that everyone seemed to have a good time, and for their special effort and attention in making it all happen, the people in the main office deserve a special thank you.

It was so outstanding, in fact, that it became hazardous to my health. With my photo appearing on doors, bulletin boards, and local newspapers with increasing frequency, my face became red with embarrassment as I quickly crept in here to get my mail. On April 25, after receiving credit for every favorable environmental outcome of the past 30 years, my head swelled to such a size that I could no longer get it through the doorways. But the worst came next morning when I decided to walk across the Sound to Bridgeport. I nearly drowned, but it brought me back to Earth and reality, leaving me only with wet clothes and happy memories.

I think MSRC needed a good party and celebration, and maybe my retirement provided the necessary spark. Even Governor Pataki expressed his delight at my disappearance from the payroll. Let's do it again for the next occasion. Thank you all.

Sincerely,

*Charlie*

Charles F. Wurster



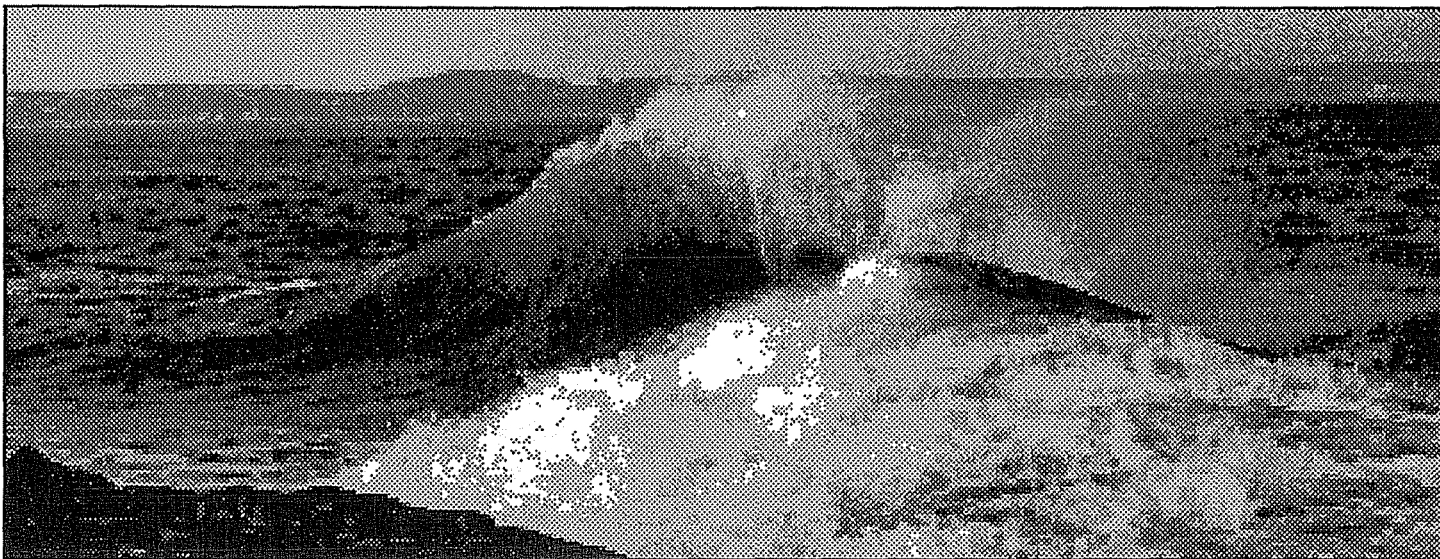


Photo by George Rowland

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# M S R C   S O U N D I N G S

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Vol. X, No. 16

June 5, 1995

## Schedule of Events June 1995

<b>MON</b>	<b>June 19 1400</b>	<b>Executive Committee Meeting, Endeavour 113</b>
<b>TUES</b>		
<b>WED</b>	<b>June 7 1930</b>	<b>Environmental Round Table Series, West Meadow Conservation Center "Unveiling Mysteries of the Deep: L.I. Sound Shipwrecks" Anthony Parlatore, Commodore Stony Brook Yacht Club</b>
<b>THURS</b>		
<b>FRI</b>		



## **EMPLOYMENT CORNER**

Research and Data Systems Corporation has immediate openings in the areas of atmospheric, earth & computer sciences, remote sensing and related disciplines. Contact jobs @rdchpl.rdsc.com or fax your resume to 301-982-3749.

Cornell Cooperative Extension has positions available for:

Schenectady County  
Youth Development Program Leader

Chenango County  
Financial Management Educator

Fulton-Montgomery Counties  
Association Director

Monroe County  
Agriculture Team Leader

Cornell University  
Assistant Director, Cornell Cooperative Extension

Anguilla Fish Farm in Hastings, FL, has an entry level position for an aquaculturist. 50 hrs per week, \$8.00/hr

Fanning, Phillips and Molnar in Ronkonkoma, NY is seeking four field samplers to assist in conducting an intertidal ichthyoplankton and nearshore recreational fishing component study. \$9/hr Call 737-6200.

Monica Bricelj has a two year NY Sea Grant scholarship available starting Fall 1995 for interested MS or PH.D. student. Research topic: Interactions between harmful phytoplankton ("brown tides") and early life history stages of suspension-feeding bivalve molluscs. Call 902-426-8005; fax 902-426-9413 or email briceljm@imb.lan.nrc.ca

Michael Eldert an undergraduate at Rider University is seeking a summer position in the area of marine biology. Call 884-5030 if interested. His resume is in the main office.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

The Challenger Legacy, a symposium to mark the opening of the Southampton Oceanography Centre in the UK will be held September 17-19, 1995.

Underwater Intervention '96-- Man and Machine Underwater will be held in New Orleans, LA January 15-17, 1996.

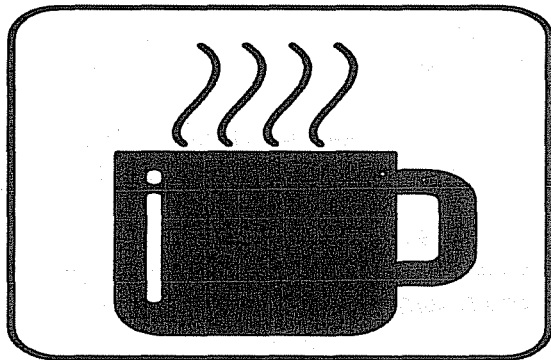
Estuarine Research Federation 13th International Conference, November 12-16, 1995, Corpus Christi, TX

## **UPCOMING EVENTS**

The next faculty meeting will be July 6 at 2 p.m. Agenda items should be given to Jeri by Thursday, June 29.

A Symposium in honor of Akira Okubo, July 21-22.

## **FOOD DRIVE**



Make someone else's Father's Day a little brighter--Please contribute to our food drive. Jeri

## **MISSING**

One of the videos used during the last open house is missing. If anybody has seen "The Great Garbage Chase" please contact Alessandra Conversi at 28694 or Larry Swanson at 28704.

## **FRINGE BENEFIT RATES FOR MATCHING FUNDS**

We just received word from ORS that the State fringe benefit rate for matching funds will be 28.08% effective 7/1/95.

## **FOR SALE**

Scuba equipment for sale: one large size 1/4" men's wetsuit (barely used); one medium size 1/4" women's wetsuit (great condition); one SCUBAPRO regulator (never used!); one weight belt and assorted lead weights. For info call Maryann Wentz (Challenger 141, 28729 or 821-4550).

## **SUMMER SCHEDULE FOR SOUNDINGS**

Soundings is on its summer schedule. It will appear the 1st of the month (July and August). Deadline for entries will be the 20th of the month.

15 May 1995

To: MSRC Faculty and Students  
From: MSRC Awards Committee/V.T. Breslin  
Subj: Upcoming Summer travel awards



**MSRC travel awards:** Each year MSRC has available limited funds to assist graduate students in attending professional meetings. Criteria to be used in selection are as follows:

1. All requests must be received by the appropriate deadlines. For Summer semester travel, applications must be received by 15 June for travel after 1 June but before 1 September 1995.
2. Priority will be given to advanced students presenting research results. The student should be first author on the paper to be presented and should be personally making the presentation.
3. An abstract should be submitted with each request for funds if possible. If you know you are going to a meeting, but you haven't written the abstract yet or haven't heard from the program committee, apply anyway and give us the paperwork when you get it.
4. Need must be demonstrated. The student and/or advisor will be expected to provide partial travel support. This should be confirmed in a letter.
5. Priority will be given to students whose attendance at the meeting will be of value in searching for a job.
6. Funds will be provided for a maximum of one meeting per year per student. However, priority will be given to students who have not received travel support in the past.
7. In exceptional circumstances the committee will consider requests for funding of thesis related travel. As indicated in previous guidelines, this travel must be essential to successful completion of a student's thesis and there must be no grant funds available to cover the travel. A brief proposal outlining the scientific problem to be addressed, the purpose for which travel funds will be used, and the funding status of the project should be included. It should be noted that the total amount of any award will be small (\$100-150), and that travel in this category will only be funded in very rare circumstances. Please see an Awards Committee member for more information.

Since the Graduate Student Organization also has funds for student travel to meetings, we recommend all students also contact them for support. It is important that this be done as soon as possible for summer travel as GSO may run out of money.

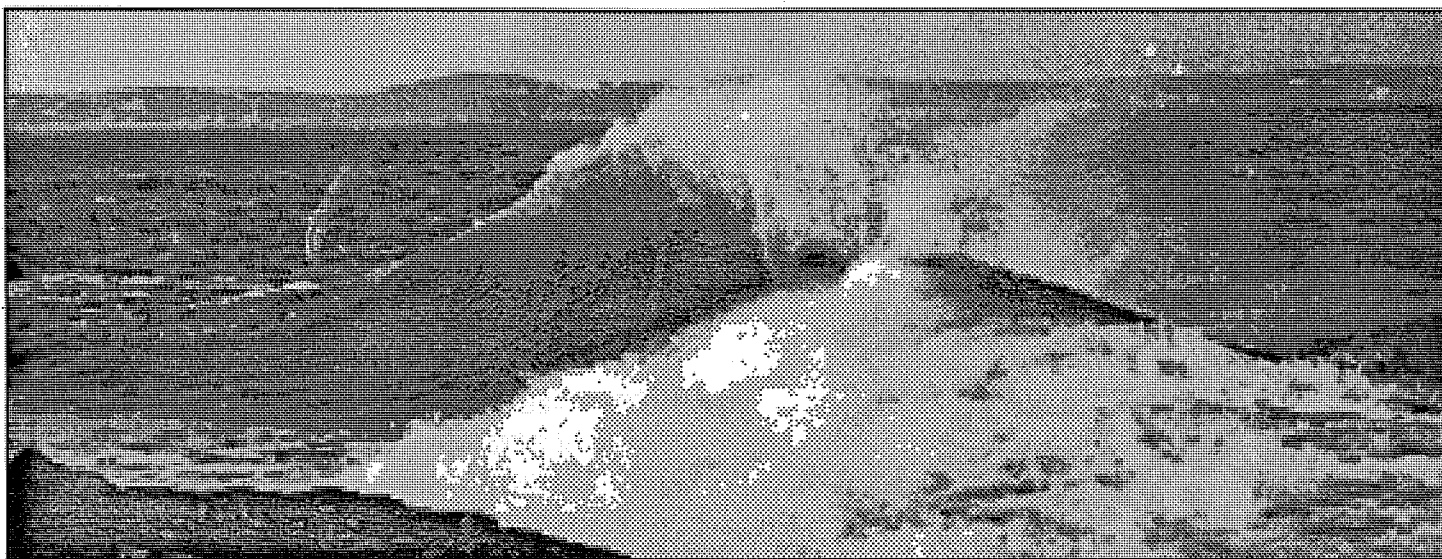


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 18

August 1, 1995

## Schedule of Events

August 1995

MON

TUES

WED

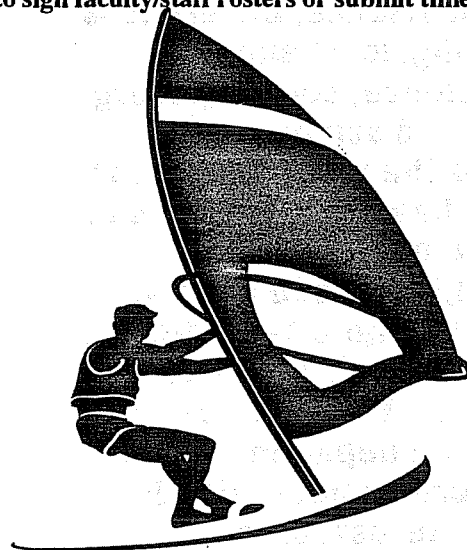
THURS

August 3  
August 10

8:00-1:15 Blood Drive, Student Union

Deadline to sign faculty/staff rosters or submit timesheets

FRI



## **EMPLOYMENT CORNER**

Kelley Loughran a Master Technologist at Union Carbide with a Bachelors degree in Biology from the University of Dayton in Ohio is seeking a position. Her resume is on file in the main office.

The Dept. of Geology at Bucknell U. in Pennsylvania has an entry-level three year temporary position in Environmental Geology. Deadline 11/15/95.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

The Global Ocean, The Oceanology International 96 meeting, will be held 5-8 March 1996 in Brighton, UK.

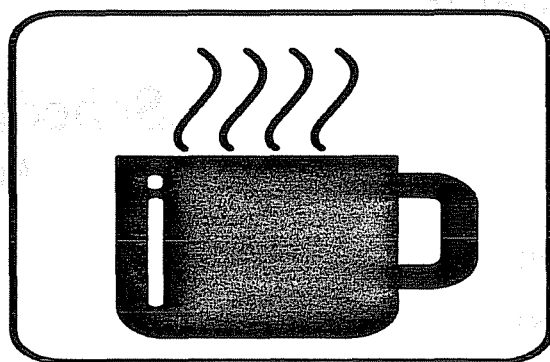
If there is sufficient interest, a course on Philosophy of Science will be offered through MSRC in the fall. Topics will include the nature of empirical evidence, reduction in science, differences between "physical" and "human" science, contemporary philosophy and science of "mind," and the place of "truth" in science. Readings will include works by Hempel, Quine, Feyerabend, Kuhn, and others. The course will be a 1-credit, evening seminar (2 hours every other week). It will be open to students in all departments, so pass the word to your friends. If you are interested, let Val

Gerard know by Monday, 7 August.

## **UPCOMING EVENTS**

The GPC will meet on 25 August. Please submit all requests or other items to be considered to Val Gerard by Thursday, August 24. Cindy Lee will replace Val as GPC Chairman after this meeting, so all future GPC business should be submitted to Cindy.

## **FOOD DRIVE**



Remember the needy when you go grocery shopping!!! Buy something for the food drive. Jeri

## **HOUSING NEEDED**

Laura Tossitti from the U. of Bologna will visit MSRC from 8/5-9/15 with her husband, 5-yr old daughter and 12 yr old niece. If you know of a house or apartment for rent for this period, contact Nick Fisher at 28649 or Lynn Bianchet at 29695. Thank you.



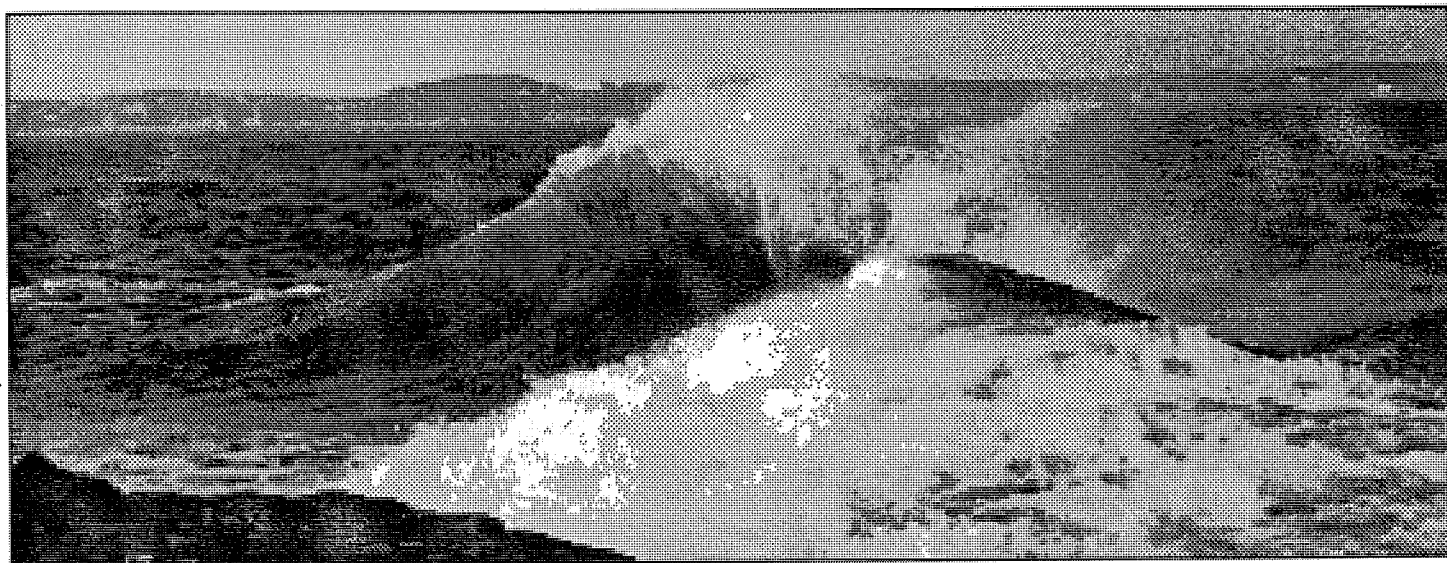


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 19

August 28, 1995

## Schedule of Events August 28-September 3, 1995

**MON**

**TUES 1400 Welcoming Picnic for New Students, Volleyball Court**

**WED 1200 MSRC Weekly Seminar, Endeavour 120**  
**"Progress and Problems in Using Data Assimilation to Model Circulation on the Nova Scotian Shelf"**  
**Keith Thompson, Dalhousie University**

**THURS**

**FRI 1130 TAOS Weekly Seminar, Endeavour 120**  
**Climate Variability of the Past 20 Years: On the Roles of Forcings and Chaos"**  
**James Hansen, NASA/GISS**



**A WARM WELCOME TO OUR  
NEW STUDENTS!!**

Health insurance orientations have been scheduled for State GAs and TAs for September 6 at 1:30 and for Research RA's for September 6 at 11:00. Both will be in the Javits Lecture Center Room 110.

The first State TA/GA payday is Wednesday, September 6. Checks may be picked up in the Main Office, Room 145 Endeavour, after 10:30 a.m.

**EMPLOYMENT CORNER**

Cornell Cooperative Extension has the following openings:

Vegetables & Commercial Hort  
(Oswego County)  
Association Director/Nutrition &  
Horticulture (Turf Emphasis)  
(Both in Rensselaer County)  
Area Extension Dairy Specialist  
(Dryden)  
Nutrition Educator & Animal  
Science Specialist (Both in  
Canton)  
Sr. Ext. Assoc./Forest Mgt. Spec.  
(Cornell Univ.)  
4H Youth Dev. Program Leader  
(Schenectady)

The Dept. of Geology at Bucknell  
U. in Pennsylvania has an entry-  
level three year temporary  
position in Environmental  
Geology. Deadline 11/15/95.

Senior geology major with  
strong interest in marine  
sciences looking for internship  
or research position in marine  
sciences or geology. Available  
immediately for work on  
campus or with an outside  
company. Please call Kenneth  
Wahl at 799-5344.

Smith College is seeking a  
lecturer for a three year non-  
tenure track appointment.  
Deadline Nov. 1.

UCAR has a position in the  
Coastal and Estuarine  
Oceanography Branch working  
on design of a relational data  
base system for handling  
coastal oceanographic and  
meteorological data. Deadline  
Nov. 15.

The National Marine Fisheries  
Service Regional Operations  
Offic in Seattle has an opening  
for Director (GS14 or 15). Salary  
range is \$64133-71909).  
Deadline is Sept. 8.

Save the Bay has the following  
openings:

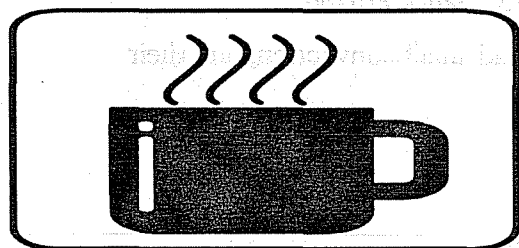
Fall Baywatcher Internship  
Volunteer and Human Resource  
Intern\*  
Marketing Intern\*  
Fall Education Intern  
(\* = nonpaying)

**Support available for technician or M.S. student to work on physiological and biochemical aspects of temperature adaptation in algae. If interested see, Val Gerard, 107A Dana Hall.**

### **CONFERENCES/EDUCATIONAL PROGRAMS**

**The Global Ocean, The Oceanology International 96 meeting, will be held 5-8 March 1996 in Brighton, UK.**

### **FOOD DRIVE**



**The Hunger Task Force on campus has put out a call not only for food but also for school supplies and gently used children's clothing. Please help if you can. Bring items to the Main Office, Endeavour 145.**

**Jeri**

### **Upcoming Events**

**The next faculty meeting will be September 6 at 10 a.m. in Endeavour 120. Please give agenda items to Jeri by Thursday, August 31.**

**South Campus Blood Drive, Friday October 13 from 8:30-2 in Endeavour 120. Volunteers needed for each of our buildings to serve as Blood Drive Captains. Please see Jeri if you can assist.**

**MSRC OPEN HOUSE will be held November 5. Watch Soundings for strategy meetings schedule.**

### **SOUNDINGS RESUMES**

**SOUNDINGS returns to its academic year schedule. Items are due on Tuesdays at 5 pm. Copies will be distributed by Friday afternoon.**

**To:** MSRC faculty, staff and students  
**From:** Mary I. Scranton  
**Date:** 24 August 1995  
**Subject:** Fall 1995 Friday Discussion Group

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It is time to plan for your fall Friday Discussion Group talk. The schedule is filling up, so don't delay. Please contact me if you have an idea for a talk or want to choose a date.

1 September	no seminar
8	Dave Hutchins "Radioisotopes in the Arctic"
15	Henry Bokuniewicz "Sand mining in New York"
22	Nick Fisher "A few thoughts on the predictability of metal-biota interactions in the sea"
29	Liviu Giosan "Coastal Dynamics '95, Dansk Poland"
6 October	Sereno Barrkumar "Islands, large and small convection, and their interaction"
13	
20	
27	Bill Wallace "title to be announced"
3 November	Vince Breslin, Bob Cerrato, et al. "Lake Ontario cargo sweepings"
10	Student Symposium (date tentative)
19	Larry LeBlanc and Jeanne Gulnick "ISORES (Intermittent <u>S</u> edimentary <u>O</u> xygenation and <u>R</u> esuspension <u>E</u> xperimental <u>S</u> ystem)"
24	Thanksgiving
1 December	Chris Sommerfield "Flood deposition on the northern California Shelf"
9	OPS final presentation

promised: late Oct. "An ornithological expedition to Irian Jaya" Charlie Wurster

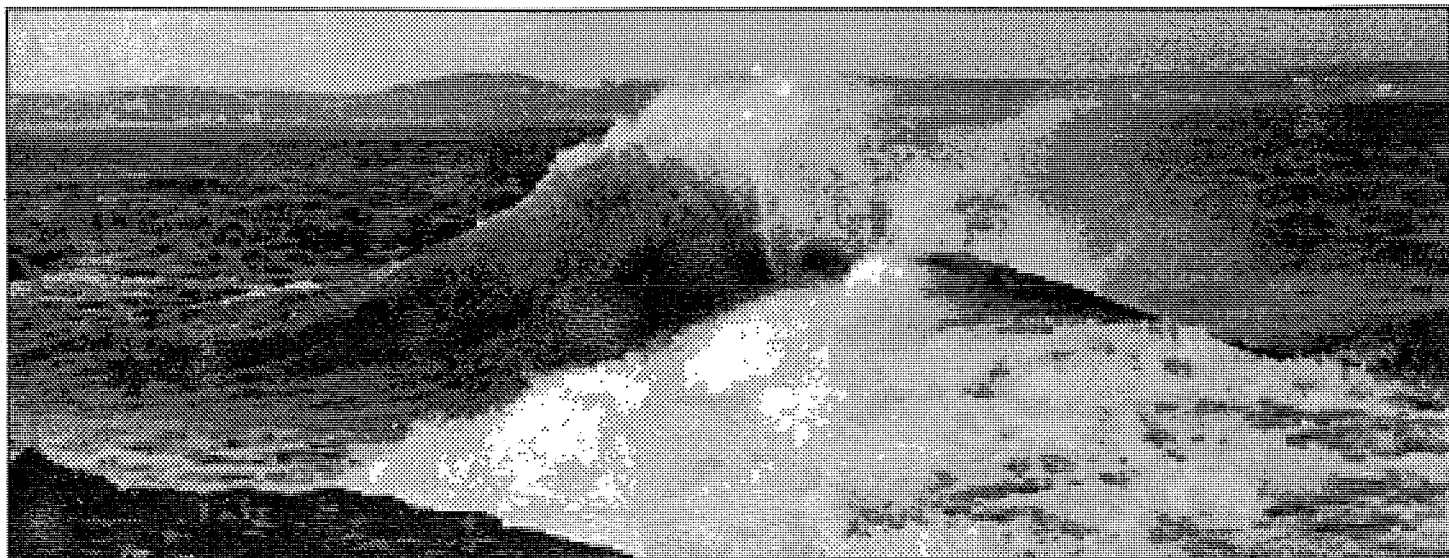


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 20

September 4, 1995

## Schedule of Events

September 4-10, 1995

<b>MON</b>		<b>LABOR DAY--MAIN OFFICE CLOSED</b>
<b>TUES</b>	<b>1000</b>	<b>Executive Committee Meeting, Endeavour 113</b>
	<b>1500</b>	<b>THESIS SEMINAR, Endeavour 120</b> <b>"Pelagic Microbial Processes Influencing Hypoxia in Western Long Island Sound"</b> <b>Timothy Anderson, MSRC</b>
<b>WED</b>	<b>1000</b>	<b>Faculty Meeting, Endeavour 120</b>
	<b>1200</b>	<b>MSRC Weekly Seminar, Endeavour 120</b> <b>"Does Neptune Play Dice with the Ocean? Chaos vs. Noise"</b> <b>Brian Sanderson, Bureau of Meteorology, Melbourne, Australia</b>
<b>THURS</b>		
<b>FRI</b>		<b>DEADLINE TO SIGN FACULTY/STAFF ROSTERS</b>
	<b>1130</b>	<b>TAOS Weekly Seminar, Endeavour 120</b> <b>"Eddy interactions: Analysis of Numerical Simulations"</b> <b>Brian Sanderson, Bureau of Meteorology, Melbourne</b>
	<b>1530</b>	<b>Friday Discussion Group</b> <b>"Radioisotopes in the Arctic"</b> <b>David Hutchins, MSRC</b>

## **REMINDER TO OUR NEW STUDENTS!!**

Health insurance orientations have been scheduled for State GAs and TAs for September 6 at 1:30 and for Research RA's for September 6 at 11:00. Both will be in the Javits Lecture Center Room 110.

## **EMPLOYMENT CORNER**

Smith College is seeking a lecturer for a three year non-tenure track appointment. Deadline Nov. 1.

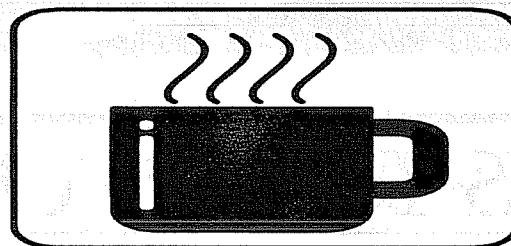
UCAR has a position in the Coastal and Estuarine Oceanography Branch working on design of a relational data base system for handling coastal oceanographic and meteorological data. Deadline Nov. 15

"Hi, my name is Anthony D'Abruzzo. I am currently an undergraduate Biology major, seeking a research opportunity in a Biology related field of study. I have strong interests not only in marine science, but all aspects of Biology. My schedule is very flexible, so give me a call ... please. The research hours will be for credit toward my Biology degree. Call anytime at 368-0742 (leave message) or feel free to page me at 1-917-644-0899.

## **CONFERENCES/EDUCATIONAL PROGRAMS**

The Global Ocean, The Oceanology International 96 meeting, will be held 5-8 March 1996 in Brighton, UK.

## **FOOD DRIVE**



The Hunger Task Force on campus has put out a call not only for food but also for school supplies and gently used children's clothing. Please help if you can. Bring items to the Main Office, Endeavour 145. Jeri

## **Upcoming Events**

South Campus Blood Drive, Friday October 13 from 8:30-2 in Endeavour 120. Volunteers needed for each of our buildings to serve as Blood Drive Captains. Please see Jeri if you can assist--I can't do it alone and so far NO ONE has volunteered.

MSRC OPEN HOUSE will be held November 5. We will have our first planning meeting on Tuesday, September 12, at 9:30 a.m. in Endeavour 120. Please bring ideas and enthusiasm!



Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 21

September 11, 1995

## Schedule of Events September 11-17, 1995

**MON**

**TUES**

**0930**

**Open House Planning Meeting, Endeavour 120**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**

**"Nutrient and light deprivation: cues for phytoplankton self-destruction "**

**John Berges, Brookhaven National Laboratory**

**THURS**

**FRI**

**1130**

**TAOS Weekly Seminar, Endeavour 120**

**"Characteristics and frontogenesis of the subarctic front in the north Pacific"**

**Xiajun Yuan, Lamont-Doherty**

**1530**

**Friday Discussion Group**

**"Sand mining in New York"**

**Henry Bokuniewicz, MSRC**

## **GSO WANTS YOU**

MSRC needs one, or preferably two, students to represent the Center at the Graduate Student Organization's monthly meetings. The most tangible reward of being a senator is the ability to bring funds to MSRC for some of the fun activities we do throughout the year. For example, the Holiday Party, the International Dinner, Flax to Vax Race, and the Graduate Reception are all partially funded by the University's mandatory activity fee that each of you pays. Every semester, this pool of money waits to be requested by the department senator(s). Also, while most of us are thrilled at our distance from main campus, being removed during semesters when we don't have a senator makes us really out of touch with graduate student policy changes and new issues that effect us all. Older students may remember that it was your senator who informed you that you may be eligible to get reimbursed for conference travel expenses, as well as encouraged you to join the cause in demanding that RA's were included in the proposed TA/GA health benefits plan. Come on!! In this time of budget cuts and swooping student esteem, let's try to work with what we've got,

especially since we know it works!

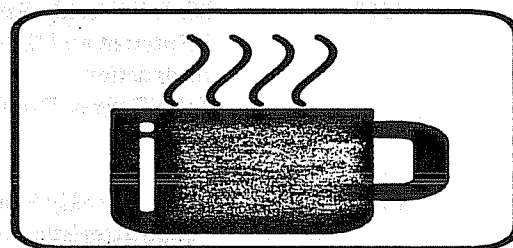
If you can help out MSRC and your fellow students, or even if you just want to know more about what GSO does for you, please contact Ly Williams. As always, thank you for your support.

## **EMPLOYMENT CORNER**

Cornell Cooperative Extension has the following openings:

Vegetable Specialist, Albion, NY  
Youth Development, Middletown, NY  
Human Development, Waterloo and Auburn, NY  
Dairy Specialist, Waterloo, NY  
Dairy/Livestock, Binghamton, NY  
Agriculture, Cortland, NY  
4-H Youth Develop., Program Leader, Schenectady, NY

## **FOOD DRIVE**



Please remember to bring something to Endeavour 145 for the food drive. If you don't know what to buy, a can of soup or a box of pasta is always a good idea! Jeri



## Upcoming Events

**MSRC OPEN HOUSE will be held  
November 5.**



**South Campus Blood Drive,  
Friday October 13 from 8:30-2 in  
Endeavour 120. Volunteers  
needed for Challenger and  
Discovery to serve as Blood  
Drive Captains. Please see Jeri  
if you can assist.**

# Three Good Reasons To Give Blood:

- 1. There is no substitute**
- 2. There is no substitute**
- 3. There is no substitute**

**Everyday Long Island hospitals need 800 pints of blood to meet the needs of patients in Nassau, Suffolk and Queens. The only source for blood is the volunteer blood donor...people like YOU, your friends and your business associates. Blood cannot be manufactured.**

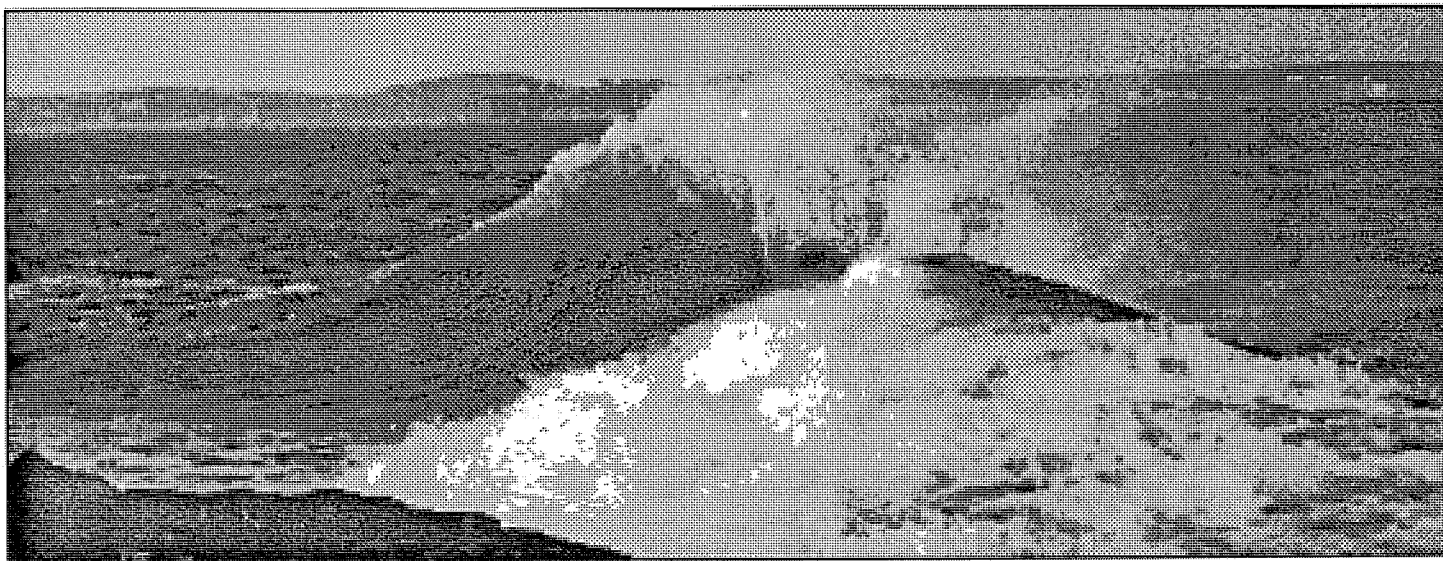


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 22

September 18, 1995

## Schedule of Events

September 18-24, 1995

**MON**

**TUES**

**1530**

**TAOS Weekly Seminar, Endeavour 120**

**"Analysis of regional paleo temperature variations--Central South Europe and Northwest Africa"**

**Hans Jelbring, Stockholm University**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**

**"Nutrient and light deprivation: cues for phytoplankton self-destruction "**

**John Berges, Brookhaven National Laboratory**

**THURS**

**FRI**

**1530**

**Friday Discussion Group, Challenger 163**

**"A few thoughts on the predictability of metal-biota interactions in the sea"**

**Nick Fisher, MSRC**

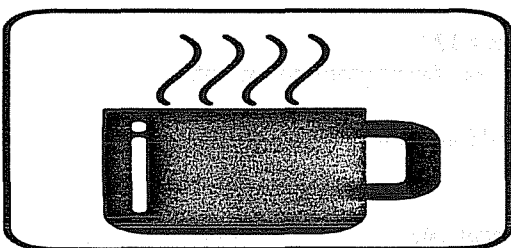
## **EMPLOYMENT CORNER**

**"I will work for free!**  
Southampton College graduate seeks additional research experience. Marine ecology or fish biology preferred. Call Steve Gaulik at 822-5314 before 4 p.m.

The Hudson River National Estuarine Research Reserve has an opening for a Wetland Ecologist/Research Assistant for 1 year starting 11/95. Salary \$23,000.

Science Systems and Applications, Inc. has an opening for a person with strong programming skills to conduct numerical modeling using coupled bio-physical ocean models.

## **FOOD DRIVE**



Please remember to bring something to Endeavour 145 for the food drive. Suggested items: soup, pasta, canned fish, boxed cereal, laundry detergent, bath soap, canned fruit, boxed macaroni and cheese, canned vegetables. Jeri

## **Upcoming Events**

South Campus Blood Drive, Friday October 13 from 8:30-2 in Endeavour 120. Volunteer still needed for Discovery to serve as Blood Drive Captain. Please see Jeri if you can assist.

MSRC OPEN HOUSE will be held November 5. The next planning meeting will be October 10 at 2:30 in Endeavour 120.

The next faculty meeting will be held on October 10 at 10:30. Agenda items will be due to Jeri by Thursday, October 5.

## **CONFERENCES**

The American Association of Petroleum Geologists has put out a call for papers for the student sessions at its annual meeting to be held May 19-22 in San Diego, Ca. Deadline is October 13.

ES-AAPG and NYSGA Joint Annual Meeting will be held October 13-17 in Schenectady, NY

The European Geophysical Society XXI General Assembly will be held May 6-10 in The Hague, Netherlands. December 15 is the deadline for Abstracts.

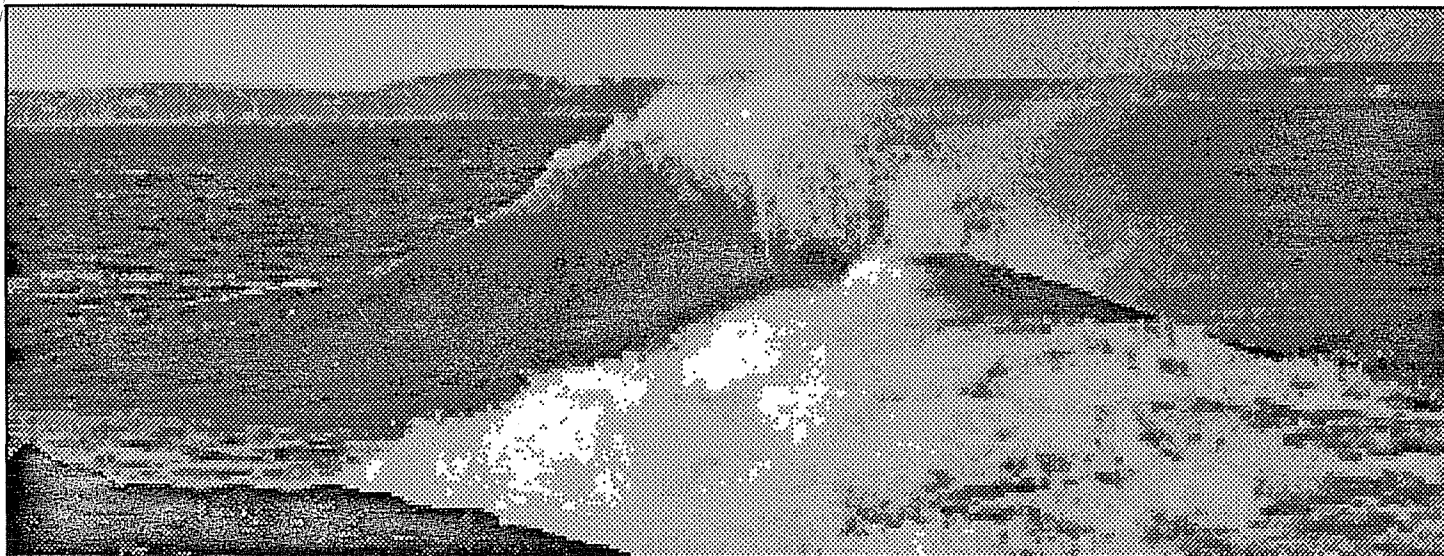


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 24

October 2, 1995

## Schedule of Events

October 2-8, 1995

<b>MON</b>	<b>0930</b>	<b>Executive Committee Meeting, Endeavour 120</b>
<b>TUES</b>		
<b>WED</b>	<b>1200</b>	<b>MSRC Weekly Seminar, Endeavour 120</b> <b>"Millennial to centennial scale changes in ocean and climate "</b> <b>Lloyd Keigwin, Woods Hole Oceanographic Institution</b>
<b>THURS</b>	<b>1100</b>	<b>BNL Dept. of Applied Science Colloquium Series, Hamilton Seminar Rm</b> <b>33 Lewis Rd., Bldg 555, BNL</b> <b>"Low Glacial CO<sub>2</sub>--What Caused it?"</b> <b>Wallace S. Broecker, Lamont-Doherty</b>
<b>FRI</b>	<b>1130</b>	<b>No TAOS Weekly Seminar</b>
	<b>1600</b>	<b>Friday Discussion Group, Challenger 163</b> <b>Sereno Barrkumar,, MSRC</b>

# WHY YOU ARE ASKED TO PLEDGE BLOOD:

**DEAR ABBY:** I just read your column about blood donors, and I had to write.

In July of 1993, my husband was dying of cancer. He told his doctor that he wanted to see his children (ages 7 and 2) play at the beach one last time, and my parents, who live on Martha's Vineyard, wanted to see their son-in-law once more. My husband was bleeding internally at that point, and could hemorrhage at any time. He was admitted to the hospital and given four units of blood over the next two days.

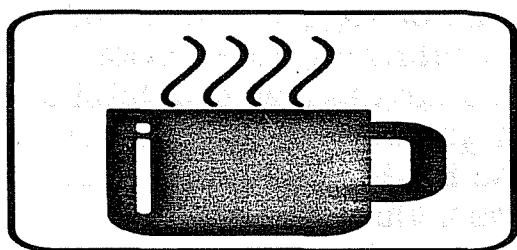
Thanks to the generosity of four strangers, my family made that last trip to the beach. Ten days after we came home, my husband lost his five-month battle with cancer of the pancreas. He died one month before our 10th anniversary. He was only 42.

Our children still remember their last vacation with their dad. If you use this letter, please don't use my name.

—A Widow Too Soon

**DEAR WIDOW:** Please accept my condolences on the loss of your beloved husband. Your letter is further testimony to the good accomplished by blood donors. In your husband's case, it bought precious time for him and your family. Bless you and your children, and thank you for sharing your experience.

## FOOD DRIVE



Don't forget to bring something to Endeavour 145 for the food drive. Suggested items: soup, pasta, canned fish, boxed cereal, laundry detergent, bath soap, canned fruit, boxed macaroni and cheese, canned vegetables. Jeri

## Upcoming Events

The Middle Atlantic Bight Physical Oceanography and Meteorology Workshop will be held at MSRC on November 2-3. See Bob Cowen or Kamazima with questions.

South Campus Blood Drive, Friday October 13 from 8:30-2 in Endeavour 120. Blood drive captains are doing a great job-- we already have 43 people pledged. If you haven't pledged yet, please see Jeri.

MSRC OPEN HOUSE will be held November 5. The next planning meeting will be October 10 at 2:30 in Endeavour 120.

The next faculty meeting will be held on October 10 at 10:30. Agenda items will be due to Jeri by Thursday, October 5.

## CONFERENCES/TALKS

The European Geophysical Society XXI General Assembly will be held May 6-10 in The Hague, Netherlands. December 15 is the deadline for Abstracts.

Composting '95 "Five Years of Progress" will be held November 1-4 in Aylmer, Quebec.

The North American Paleontological Convention will be held June 9-12, 1996 in Washington D.C. Abstract deadline is January 19.

## CONGRATULATIONS

Congratulations to Mark Wiggins and Kim McKown, married on 09 September 1995. Best wishes for a long and happy life together.

## EMPLOYMENT CORNER

Are you a GRADUATE STUDENT interested in teaching fourth graders about marsh ecology, local geology and local history? If so, please attend an informational meeting on the joint MSRC-Stony Brook Community Fund Program. No teaching experience necessary. Meeting time: Tuesday, October 3, 1-2 p.m. Endeavour 113. For additional information, please contact Bob Quinn.

**Oregon State University's Mark O. Hatfield Marine Science Center has an opening for a faculty research assistant. Successful applicant will serve as a technician for a molluscan broodstock management and genetics program. Salary \$25746. Deadline to apply is Nov. 1. Starting date December 15.**

**The National Marine Fisheries Service, Southwest Fisheries Science Center, has an opening for a Ecologist, GS-40-8, 11/12/13, Research Fisher Biologist, GS-482-11/12/13, and an Operations Research Analyst, GS-1515, 11/12/13. Salary range 37087 to 68711. Deadline to apply 10/27/95.**

## **BOOKSTORE NEWS**

**The University Bookstore will begin returning overstocked textbooks the week of October 2. If you have not purchased all of the books required for your classes, please do so immediately.**

## **CAMPUS FAX SERVICE CLOSED**

**Since so many units have their own fax machines, the University Fax Service operated out of Graphic Support Services will cease to function close of business Sept. 29, 1995.**



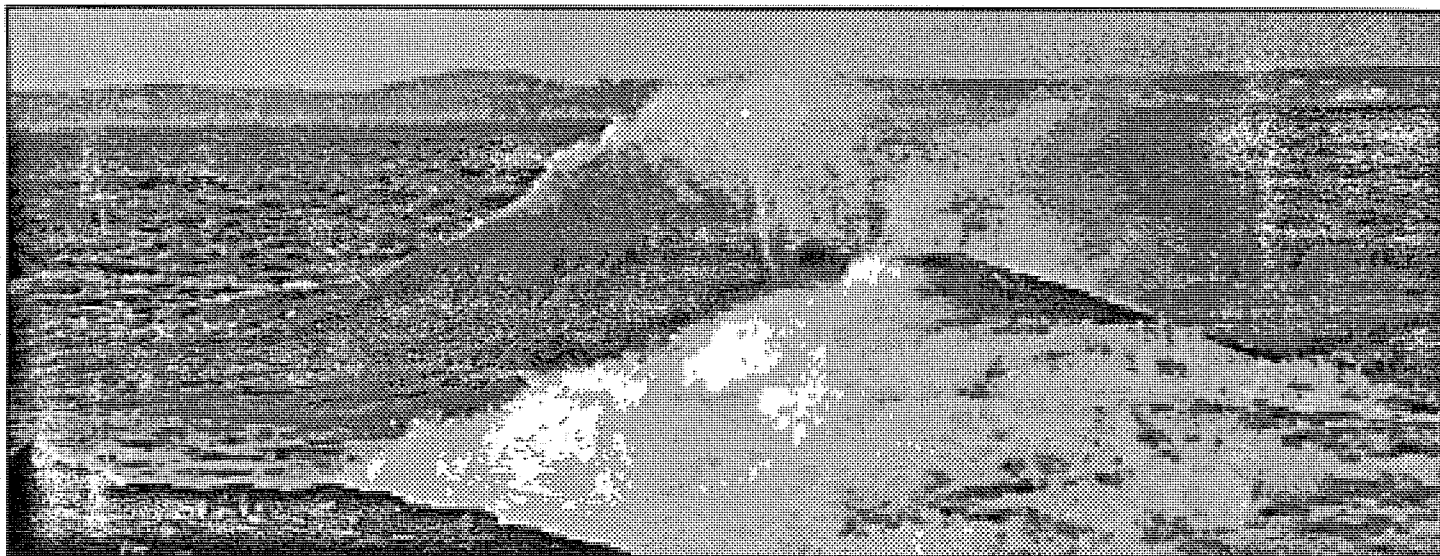


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 25

October 9, 1995

## Schedule of Events

October 9-15, 1995

**MON**

**TUES**

**1030**

**Faculty Meeting, Endeavour 120**

**1430**

**Open House Planning Meeting, Endeavour 120**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**

**"TBA "**

**Mark Huntley, Scripps Institute of Oceanography**

**THURS**

**1400-1715**

**Weyl Symposium, Endeavour 120**

**FRI**

**8:30-1400**

**BLOOD DRIVE, ENDEAVOUR 120**

**1130**

**TAOS Weekly Seminar, Endeavour 113**

**"Dynamical aspects of interhemispheric transport"**

**Dana Hartley, Georgia Tech**

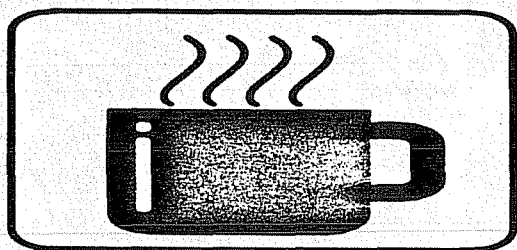
**1530**

**Friday Discussion Group, Challenger 163**

**"Can we predict drought in California?"**

**Pavlos Christoforou**

## FOOD DRIVE



Please, please, please bring something for the food drive. Suggested items: soup, pasta, canned fish, boxed cereal, laundry detergent, bath soap, canned fruit, boxed macaroni and cheese, canned vegetables. Jeri

## Upcoming Events

- The Middle Atlantic Bight Physical Oceanography and Meteorology Workshop Nov. 2-3. See Bob Cowen or Kamazima with questions.
- South Campus Blood Drive, Friday October 13 from 8:30-2 in Endeavour 120.

## T'SHIRT MANIA

**Inventory reduction**--Mission to Planet Earth, Writer's Festival and 25 year T shirts are on sale for \$4.00 each. The diamond design MSRC T-shirts remain \$8.00.

## ATTENTION: USERS OF WOMEN'S LOCKER ROOM IN DISCOVERY HALL

There are about 15 freshly washed towels, and about 10

pairs of shoes, that need to be claimed. If they are not claimed by Nov. 1, they will be given away! Thanks.

## ATTENTION ALL MSRC STUDENTS

It's getting really close to that deadline of handing in ABSTRACTS for the 4th Annual MSRC Student Symposium. It's a great opportunity to practice your talks, especially for those planning to go to future meetings and conferences (i.e. 1996 Ocean Sciences Meeting coming up in February, or the 1995 AGU meeting in December). The deadline for submission is Monday, October 23. Please submit abstracts and/or questions to Kim Roberts or Jerry Liu.

## EMPLOYMENT CORNER

Cornell Cooperative Extension has the following openings:

- 4-H Youth Development Program Leader (Erie County and Cattaraugus County)
- Nutrition Educator (St. Lawrence County)
- Integrated Pest Management Specialist (Geneva, NY)
- Senior Extension Associate/Forest Management Specialist (Cornell University)
- Vegetable Specialist (Lake Plain Area)

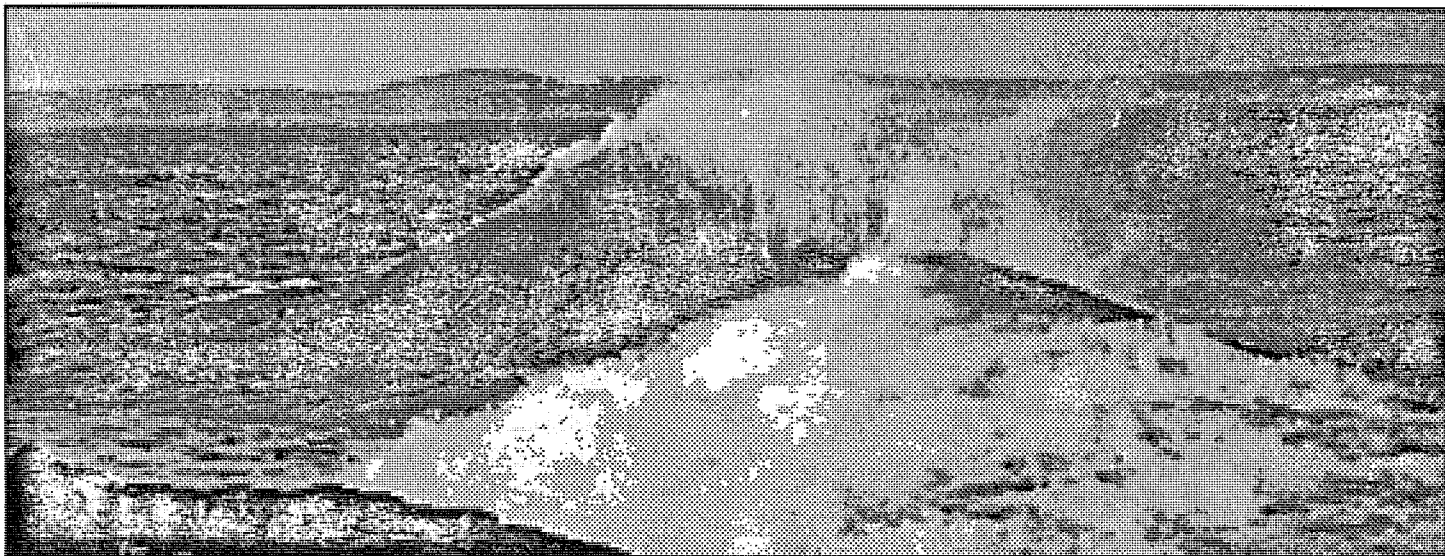


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 26

October 16, 1995

## Schedule of Events

October 16-22, 1995

**MON**

**TUES**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**

**"Adventures in subsurface bioremediation "**

**Michael Barcelona, U. of Michigan**

**THURS**

**FRI**

**1130**

**TAOS Weekly Seminar, Endeavour 120**

**"Initialization and predictability of a coupled ENSO forecast model"**

**Dake Chen, Lamont Doherty**

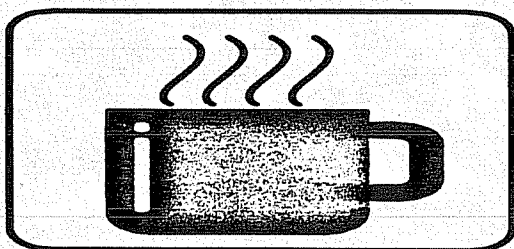
**1530**

**Friday Discussion Group, Challenger 163**

**"The North Atlantic oscillation"**

**Igal Pittalwala, MSRC**

## FOOD DRIVE



Help someone less fortunate -- bring something for the food drive. Suggested items: soup, pasta, canned fish, boxed cereal, laundry detergent, bath soap, canned fruit, boxed macaroni and cheese, canned vegetables. Jeri

### Upcoming Events

- The Middle Atlantic Bight Physical Oceanography and Meteorology Workshop Nov.2-3. See Bob Cowen or Kamazima with questions.

## T'SHIRT MANIA

**Inventory reduction**--Mission to Planet Earth, Writer's Festival and 25 year T shirts are on sale for \$4.00 each. Hurry--size selection limited. The diamond design MSRC T-shirts remain \$8.00.

## ATTENTION ALL MSRC STUDENTS

It's getting really close to that deadline of handing in ABSTRACTS for the 4th Annual MSRC Student Symposium. It's a great opportunity to practice your

talks, especially for those planning to go to future meetings and conferences (i.e. 1996 Ocean Sciences Meeting coming up in February, or the 1995 AGU meeting in December). The deadline for submission is Monday, October 23. Please submit abstracts and/or questions to Kim Roberts or Jerry Liu.

## EMPLOYMENT CORNER

1996 NOAA Postdoctoral Program in Climate and Global Change. Deadline is March 1, 1996.

The U.S. Fish and Wildlife Service seeks a Temporary Fish and Wildlife Biologist for its L.I. Field Office in Islip. Salary \$30,613. Deadline: Oct. 30.

NYC Audubon Soc. Restoration Project Manager Needed for Jamaica Bay. Stipend is \$2,000 per month plus expenses. Car necessary.

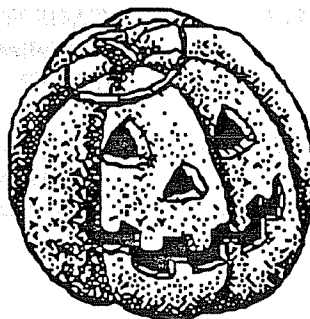




Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 27

October 23, 1995

## Schedule of Events

October 23-29, 1995

**MON**

**TUES**

**WED**

**1030**

**Open House Planning Meeting, Endeavour 120**

**1200**

**MSRC Weekly Seminar, Endeavour 120  
TBA**

**THURS**

**FRI**

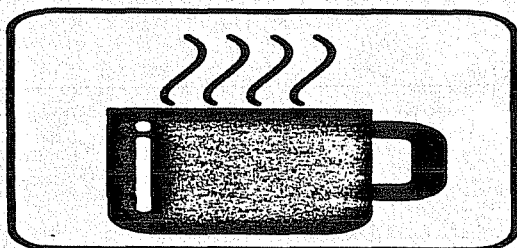
**1130**

**TAOS Weekly Seminar, Endeavour 120  
"An intercomparison of climate simulations from a semi-lagrangian and  
an eulerian GCM"  
Minghang Chen, GSFC/NASA**

**1530**

**Friday Discussion Group, Challenger 163  
"Why I find Cd, worms and shrimp to be soooooo darn interesting"  
Bill Wallace, MSRC**

## FOOD DRIVE



Please take a few minutes the next time you are grocery shopping and pick up something for the food drive. The need continues!! Jeri

## Upcoming Events

- The Middle Atlantic Bight Physical Oceanography and Meteorology Workshop Nov.2-3. See Bob Cowen or Kamazima with questions.

## T'SHIRT MANIA

**Inventory reduction**--Mission to Planet Earth, Writer's Festival and 25 year T shirts are on sale for \$4.00 each. Hurry--size selection limited. The diamond

design MSRC T-shirts remain \$8.00.

## EMPLOYMENT CORNER

Graduate traineeships in Ecology and Environmental Science at Cornell University and the Institute of Ecosystem Studies. Full financial support for three new graduate students for five years beginning August 1996.

Northeastern Illinois U in Chicago seeks a tenure track assistant professor in Earth Science beginning Fall 1996. Ph.D. in geological sciences is required. Deadline November 15.

## CONFERENCES/TALKS

"ARE WE LOSING THE FIGHT FOR ENVIRONMENTAL HEALTH", Univ. of Connecticut, Storrs. Thursday, November 30.





Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 28

October 30, 1995

## Schedule of Events

October 30-November 5, 1995

MON

TUES

WED

1000

1200

**HAPPY HALLOWEEN!**

Final Open House Planning Meeting, Endeavour 120

MSRC Weekly Seminar, Endeavour 120

TBA

THURS

8:45-1750

1500

MABPOM Workshop, Endeavour 120

Executive Committee, Endeavour 113

FRI

8:45-1400

1130

MABPOM Workshop, Endeavour 120

TAOS Weekly Seminar, Endeavour 113

"GCM simulations of East Asian Climate: AMIP perspective"

Wei-chyung Wang, SUNY Albany

1530

Friday Discussion Group, Challenger 163

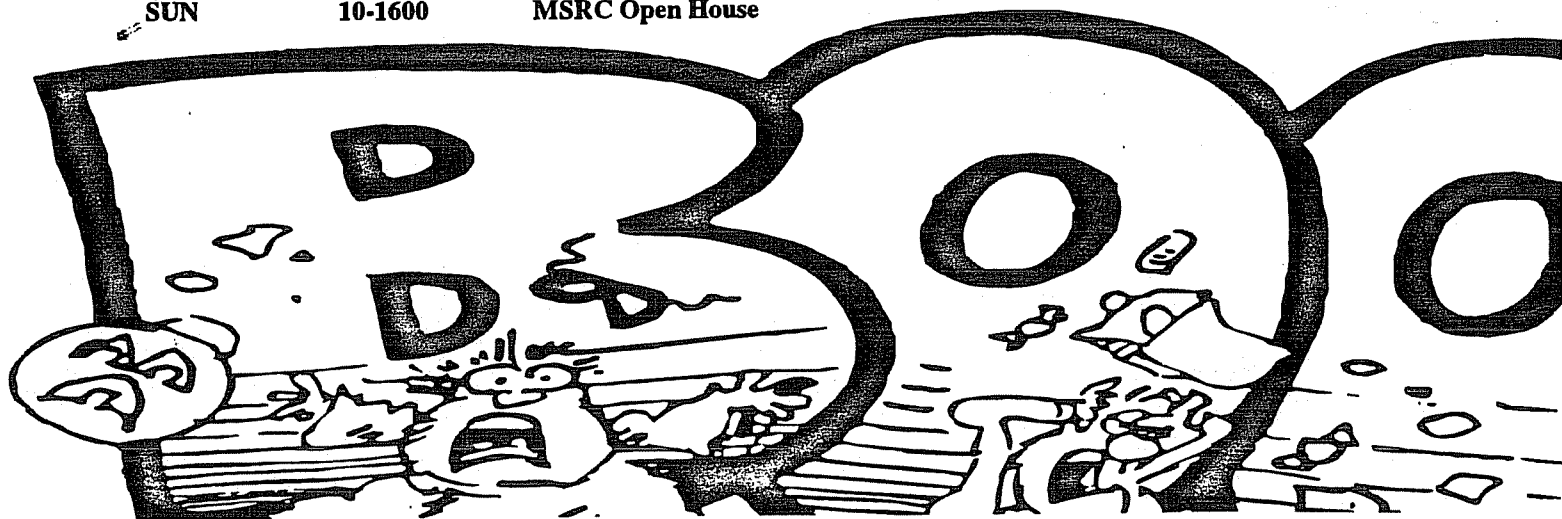
"Lake Ontario cargo sweepings"

Vince Breslin and Bob Cerrato, MSRC

SUN

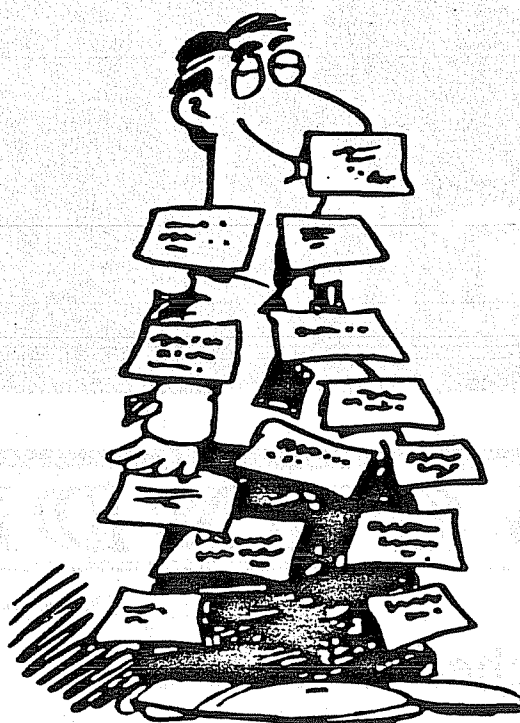
10-1600

MSRC Open House





## FOOD DRIVE--REMINDER



Please take a few minutes the next time you are grocery shopping and pick up something for the food drive. The need continues!! Jeri

## T'SHIRT MANIA

**Inventory reduction**--Mission to Planet Earth, Writer's Festival and 25 year T shirts are on sale for \$4.00 each. Hurry--size selection limited. The diamond design MSRC T-shirts remain \$8.00.

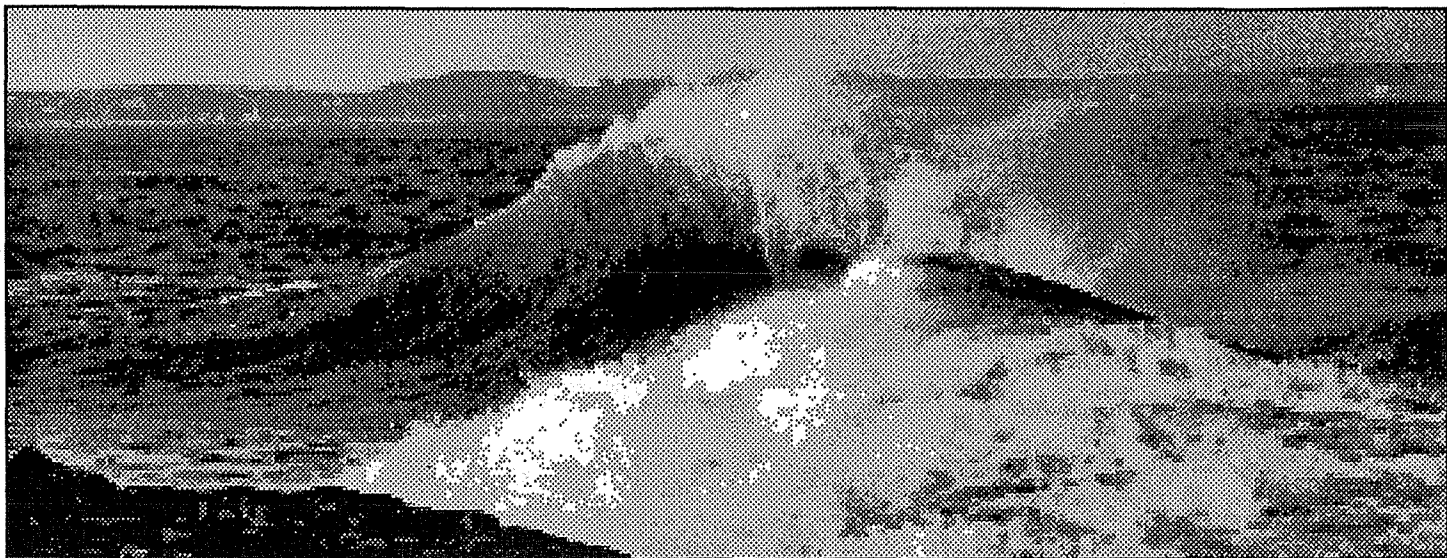


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 29

November 6, 1995

## Schedule of Events

November 6-12, 1995

**MON**

**TUES**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**  
**"The World Ocean--The Last Two Millions Years"**  
**Peter Weyl, MSRC**

**THURS**

**FRI**

**1130**

**TAOS Weekly Seminar, Endeavour 120**  
**"Effects of mean state on tropical CISK-waves: selective  
excitation, induced mean flow acceleration and zonal variability"**  
**William Shen, ITPA**

**1530**

**Friday Discussion Group, Challenger 163**  
**"The birds and people of Stone Age Irian Jaya (Western New Guinea)"**  
**Charles Wurster, MSRC**

**SAT**

**Veterans Day**

## **FOOD DRIVE**



A collection can will be on the desk in the main office for contributions for a turkey for those less fortunate. You may also bring in canned yams, instant mashed potatoes, canned gravy and vegetables, boxed stuffing, cranberry dressing and packaged cookies to help give someone else a Thanksgiving Dinner to remember.

## **Upcoming Events**

- The next blood drive will be held on December 12 in Endeavour 120. I am again looking for volunteers from each building to work with me. If you can help, please let me know. I know we just had a blood drive but the need is ongoing.

- The next faculty meeting will be November 16 at 2 p.m. Please give agenda items to Jeri by Friday, November 10.

## **EMPLOYMENT CORNER/FUNDING OPPORTUNITIES**

Woods Hole Oceanographic Institution has postdoctoral fellowships available for 1996-97 in a variety of disciplines.

Mount Desert Island Biological Laboratory has funding to provide fellowships for investigators to do research at its Maine facility in the areas of biomedicine, toxicology and comparative physiology. Deadline is January 15.

NSF has issued a call for proposals for its U.S. Global Ocean Ecosystems Dynamics Program. Deadline is January 15.

California State University at Long Beach's Dept. of Biological Sciences has two tenure track faculty openings in wetlands plant ecology and in marine microbiology. at the Assistant Professor level. Salary range is \$32712-45216.

Cornell Cooperative Extension has the following openings:

Sea Grant Specialist, Kingston, NY

**Home Economics, Warsaw, NY  
Water Quality Specialist,  
Syracuse, NY  
Nutrition, Mexico, NY  
Soils and Crops, Hudson Falls, NY  
Area Extension Integrated Pest  
Management Specialist--Turf,  
Southeastern, NY and Ithaca, NY  
Youth Development,  
Middletown, NY  
Diary/Livestock, Binghamton,  
NY**

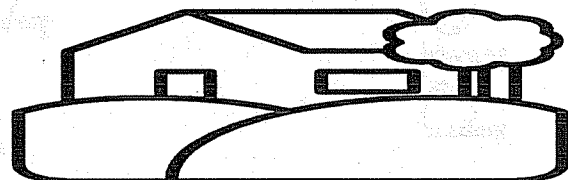
**The U.S. Fish and Wildlife Service  
has a vacancy in its L.I. Field  
Office in Islip, NY for a Fish and  
Wildlife Biologist. Deadline to  
apply is November 13.**

**Sea Education Association, Inc.  
has an opening for a staff  
scientist to teach oceanography  
in innovative programs ashore  
and at sea. Ph.D. in marine  
science required. Position is  
available January 1996.  
Application review will begin  
November 15.**

## **CONFERENCES/TALKS/ EDUCATIONAL PROGRAMS**

**Shannon Point Marine Center  
has announced its Research  
Experiences for Undergraduates  
Site Summer Marine Biology  
Program for 1996. Application  
deadline is February 15, 1996.**

**The 18th Canadian Waste  
Management Conference  
"Sustainability--The Evolution of  
Waste Management to Pollution  
Prevention & Resource  
Recovery" will be held October  
7-10, 1996 in Winnipeg  
Manitoba.**



**A three bedroom faculty house  
located four miles from campus  
is for rent Nov. 15-June 1996.  
Call 751-1483 or 632-8231 for  
details.**

One pint of blood can save  
five lives.

Do you really have something  
more important to do ?

Date December 12, 1995 Time 8:30-2:00

Place Endeavour 120

Contact Jeri Schoof



Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 30

November 13, 1995

## Schedule of Events

November 13-19, 1995

**MON**

**TUES**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**  
**"Plant physiology and atmospheric chemistry: trees and the**  
**trophosphere"**  
**Manuel Lerdau, Ecology and Evolution**

**THURS**

**1400**

**Faculty Meeting, Endeavour 120**

**FRI**

**Student Symposium**

**1130**

**TAOS Weekly Seminar, Endeavour 113**  
**"Tropospheric ozone"**

**Yin Nan Lee, Brookhaven National Lab**

**1400**

**Blood Drive Captains meeting Endeavour 113**

## FOOD DRIVE



Don't forget to bring in food for the Thanksgiving food drive or if you don't have time to shop how about contributing towards the turkey?!

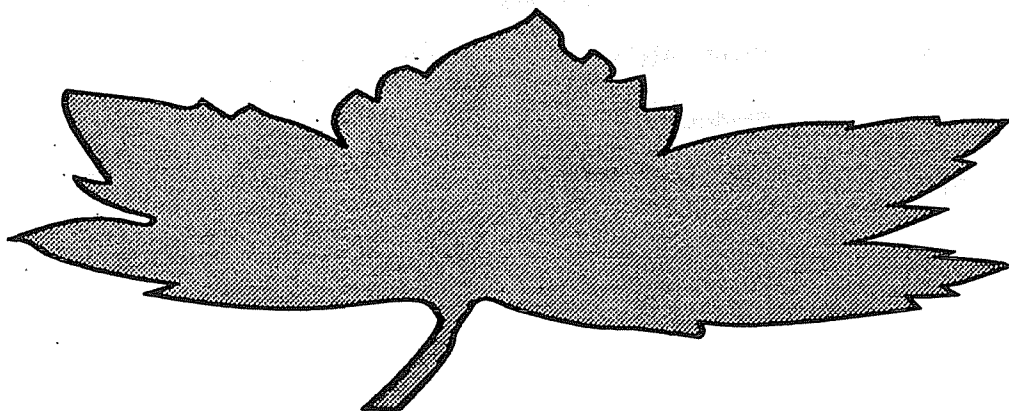
### Upcoming Events

- The next blood drive will be held on December 12 in

Endeavour 120 in order to ensure an adequate supply of blood for the holidays. I need volunteers from Discovery, Dana and Challenger to serve as blood drive captains. Bonnie Stephens has volunteered to be captain for Endeavour.

### EMPLOYMENT CORNER/FUNDING OPPORTUNITIES

The American Association for the Advancement of Science has fellowship opportunities for scientists and engineers in areas of public policy as it relates to science and technology. Another program targets student scientists and engineers and involves them in a summer program to foster the public understanding of science. Application deadline is January 15.





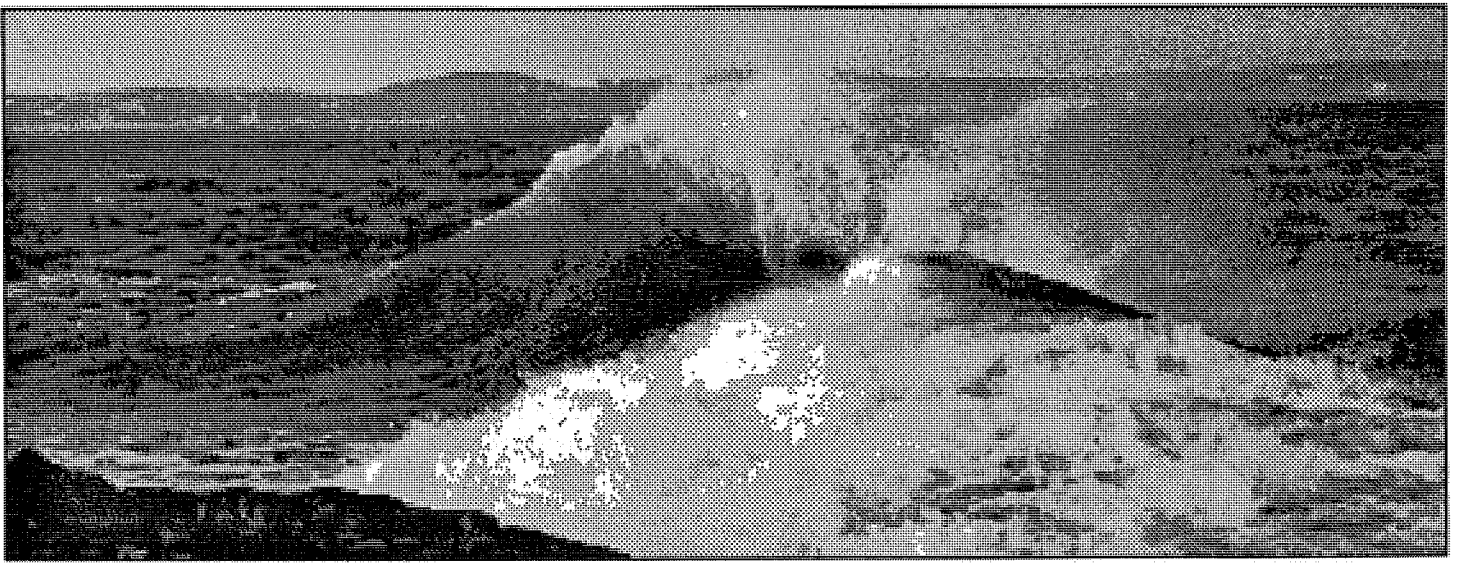


Photo by George Rowland

# MSRC SOUNDINGS

Vol. X, No. 31

November 20, 1995

## Schedule of Events

November 20-26, 1995

**MON**

**TUES**

**WED**

**1200**

**No MSRC Weekly Seminar, Endeavour 120**

**THURS**

**THANKSGIVING**

**FRI**

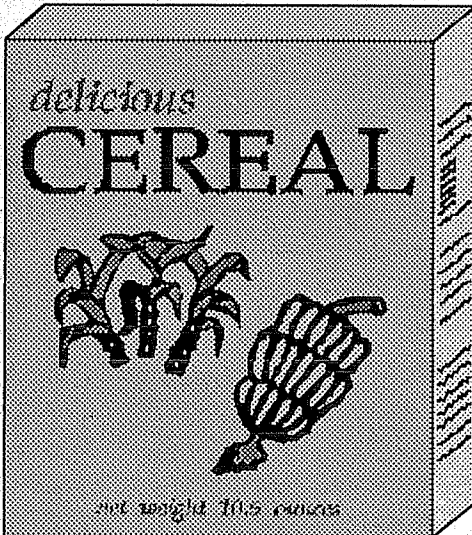
**MAIN OFFICE CLOSED**

**1130**

**No TAOS Weekly Seminar, Endeavour 113**

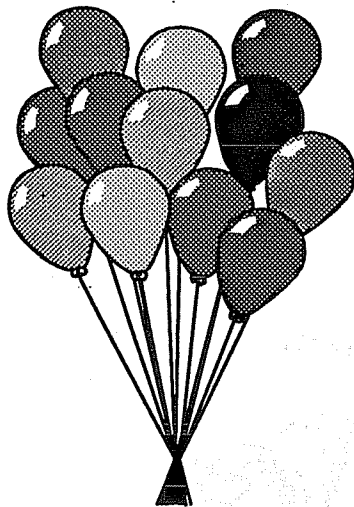
*Happy Thanksgiving*

## FOOD DRIVE



We are now collecting food for the Christmas drive. Please remember to bring something each week between now and December 15.

## Upcoming Events



- The next blood drive will be held on December 12 in Endeavour 120 in order to ensure an adequate supply of blood for the holidays. I need volunteers from Dana and Challenger to serve as blood

drive captains. Bonnie Stephens has volunteered to be captain for Endeavour and Bill Wise has volunteered for Discovery.

## EMPLOYMENT CORNER/FUNDING OPPORTUNITIES

Batelle has approximately 90 new three year National Defense Science and Engineering Graduate Fellowships for April 1996. Applications are available in the Main Office.

The University of Maine in Orono has a tenure track hydrogeochemist faculty position in Geological Sciences available for Fall 1996.

## LOST AND FOUND

Cliff found two Swiss Army knives--one in the boathouse and one in Endeavour 120. See him to claim them.



Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 32

November 27, 1995

## Schedule of Events November 27-December 3, 1995

**MON**

**TUES**

**WED**

**1200**

**MSRC Weekly Seminar, Endeavour 120**  
**"Behavioral regulation of larval transport in the Hudson River estuary  
and the New York Bight"**  
**Steven G. Morgan, MSRC**

**THURS**

**FRI**

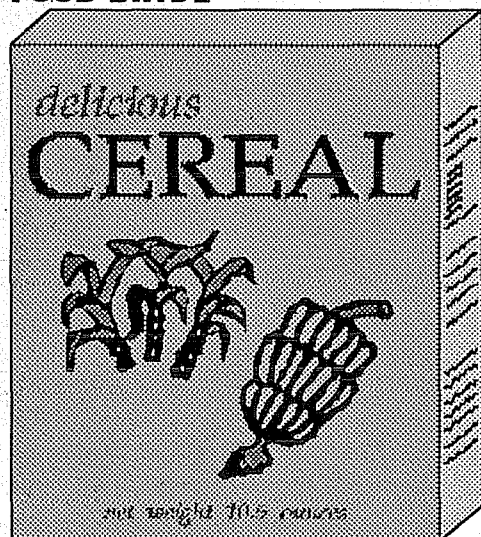
**1430**

**TAOS Weekly Seminar, Endeavour 120**  
**"Stratosphere-troposphere exchange of mass and trace constituents"**  
**James Holton, U. of Washington**

**1530**

**Friday Discussion Group, Challenger 163**  
**"Flood deposition on the northern California Shelf"**  
**Chris Sommerfield, MSRC**

## FOOD DRIVE



We are now collecting food for the Christmas drive. Please remember to bring something each week between now and December 8--note change in date. Items for the Christmas drive will be picked up Friday, December 8 in order to allow time for distribution to the families by Christmas.

## Upcoming Events



- The next blood drive will be held on December 12 in Endeavour 120. Adria Elskus, Bonnie Stephens, Mary Scranton and Bill Wise have volunteered to be blood drive

captains. Please say yes when they ask you to donate.

## EMPLOYMENT CORNER

Montclair State U. in New Jersey has two tenure track assistant professor positions available for Fall 1996 in the Dept. of Earth and Environmental Sciences.

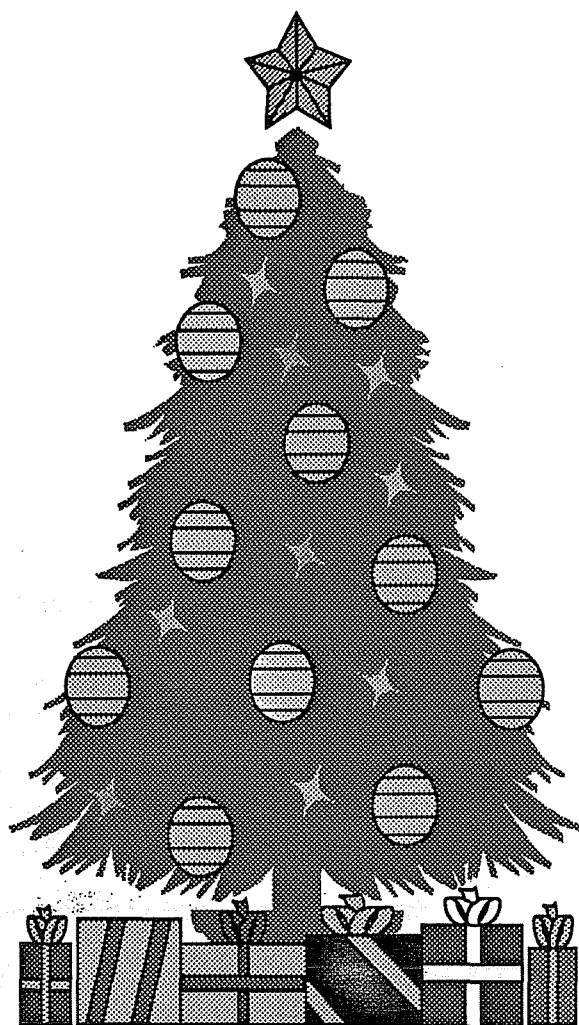
Memorial Univ. of Newfoundland has positions available for graduate students and a postdoctoral fellow to work on research as part of a three year interdisciplinary Canadian North Water Polynya Programme. Positions to be filled by 2/1/96.

Monterey Bay Aquarium Research Institute invites applications for postdoctoral fellowships in the fields of Biological, Chemical, or Physical Oceanography; Marine Geology; and Professional Engineering. Awards will be announced in Mid-March of 1996.

## CONFERENCES/EDUCATIONAL OPPORTUNITIES

The 13th International Conference on Spectral Lines Shapes will be held in Firenze, Italy, June 17-21, 1996.

The University of Hawaii has Ocean Research Experience opportunities for under-graduates for summer 1996.



The University is again sponsoring a holiday gift program. I have volunteered the Center to "adopt" a family of children. Their names and suggested gift ideas follow:

NAME	SEX	AGE	SIZE	SUGGESTED CLOTHING/TOY
Dorian	M	16	Mens Lg	Sweatshirt/Walkman
Sherman	M	14	Mens Lg	Sweatshirt/Walkman
Angel	F	15	Lds. Med	Leggings Set/Walkman
Victoria	F	12	Lds 1X	Sweatshirt/Walkman
Yolanda	F	11	Girls 14	Legging Set/Walkman
Cedrick	M	10	Boys 12	Jogging Suit/Basketball
Walter	M	7	Boys 10	Jogging Suit/Truck

Please let me know if you will participate and which child you will "adopt". Wrapped gifts should be brought to me no later than Thursday afternoon, December 7. Please put child's name and the Distribution Code FSI-6 on the gift. I hope you'll join me in making Christmas a little brighter for these children. Jeri



STATE UNIVERSITY OF NEW YORK, STONY BROOK, N.Y. 11794-5000 (516) 632-8701  
FAX (516) 632-8820

21 November 1995

### ATTENTION STUDENTS - REQUEST FOR TRAVEL AWARD APPLICATIONS

**To:** MSRC Faculty and Students  
**From:** MSRC Awards Committee/V.T. Breslin  
**Subject:** Student Travel Awards

**MSRC student travel awards:** Each year MSRC has available limited funds to assist graduate students in attending professional meetings. Criteria to be used in selection are as follows:

1. All requests must be received by the appropriate deadlines. For Fall semester travel, applications must be received by 15 December for travel after 1 September 1995 but before 1 February 1996.
2. Priority will be given to advanced students presenting research results. The student should be first author on the paper to be presented and should be personally making the presentation.
3. An abstract should be submitted with each request for funds if possible. If you know you are going to a meeting, but you haven't written the abstract yet or haven't heard from the program committee, apply anyway and give us the paperwork when you get it.
4. Need must be demonstrated. The student and/or advisor will be expected to provide partial travel support. This should be confirmed in a letter.
5. Priority will be given to students whose attendance at the meeting will be of value in searching for a job.
6. Funds will be provided for a maximum of one meeting per year per student. However, priority will be given to students who have not received travel support in the past.
7. In exceptional circumstances the committee will consider requests for funding of thesis related travel. As indicated in previous guidelines, this travel must be essential to successful completion of a student's thesis and there must be no grant funds available to cover the travel. A brief proposal outlining the scientific problem to be addressed, the purpose for which travel funds will be used, and the funding status of the project should be included. It should be noted that the total amount of any award will be small (\$100-150), and that travel in this category will only be funded in very rare circumstances. Please see an Awards Committee member for more information.

Since the Graduate Student Organization also has funds for student travel to meetings, we recommend all students also contact them for support. It is important that this be done as soon as possible for travel as GSO may run out of money.



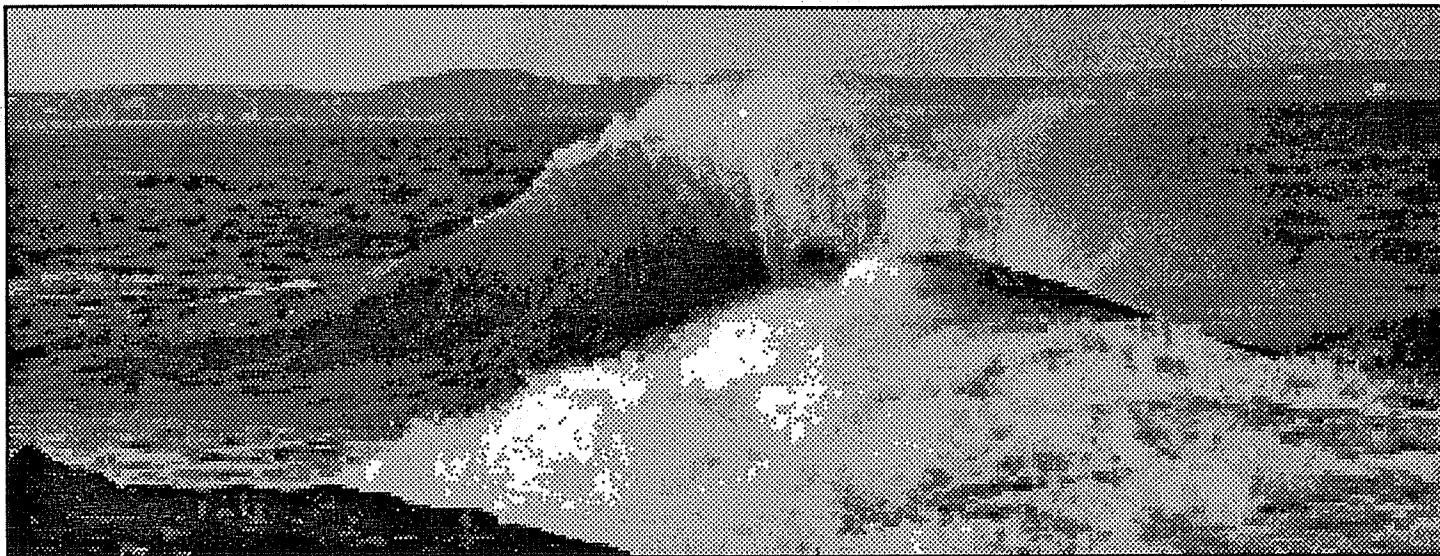


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 33

December 4, 1995

## Schedule of Events December 4-10, 1995

**MON**

**TUES            1215            Faculty Forum on Core Courses , Endeavour 120**

**WED            1200            MSRC Weekly Seminar, Endeavour 120**  
**"Development of Good Environmental Law"**  
**Larry Swanson, MSRC**

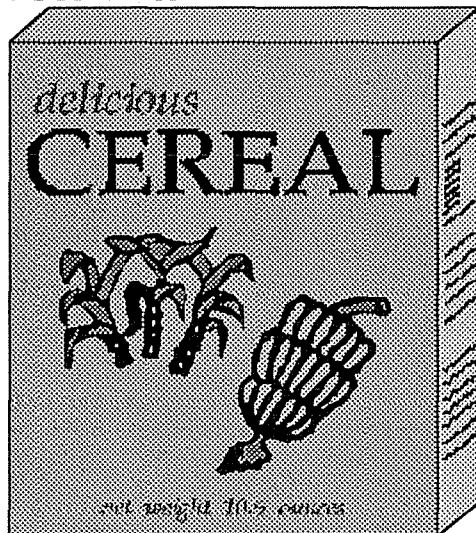
**THURS          0930            Executive Committee Meeting, Endeavour 113**

**FRI            1130            TAOS Weekly Seminar, Endeavour 120**  
**"Nonsphericity of aerosol and ice-cloud particles: what it means to**  
**remote sensing and climate modeling"**  
**Michael Mischenko, NASA/GISS**

**1530            Friday Discussion Group, Challenger 163**  
**"OPS Final Presentation"**



## FOOD DRIVE



Food for the holiday drive will be picked up Friday, December 8 in order to allow time for distribution to the families by the holidays. Please help to put food on the table for a needy family. Thank you.

## Upcoming Events

- The next blood drive will be held on December 12 in Endeavour 120. If you haven't pledged a pint of blood, please do so today!
- The next faculty meeting will be held on December 20 at 10:00. Please give agenda items to Jeri by December 15.

## EMPLOYMENT CORNER

Cornell Cooperative Extension has the following positions available:

Youth Development Program Leader (Schenectady)

Horticulture Program Leader (Valhalla)

Horticulture (Troy)

Agriculture (Cortland)

Community Forester (Rochester)

Assistant, Associate or Full Professor of Education--Tenure Track (Cornell University)

The Suffolk County Water Authority has an opening for a Source Reduction Engineer. Salary \$30,000/yr.

The Dept. of Geology and Geography at Georgia Southern U. has a tenure track opening in Structural Geology available Sept. 1, 1996. Deadline to apply is February 1, 1996.

Julie Moore, a graduate of the Marine Science/Biology Program at LIU/Southampton, is seeking a position. Her resume is available in the main office.

## CONFERENCES/EDUCATIONAL OPPORTUNITIES

The 15th Information Transfer Meeting for the Minerals Management Service will be held December 12-14 in New Orleans, LA.

**NSF has issued a call for proposals for its U.S. Global Ocean Ecosystems Dynamics Program Northwest Atlantic Field Studies, Phase 2. Deadline is 15 January 1996.**

#### **HOLIDAY GIFT PROGRAM**



**If you have agreed to sponsor a child as part of the holiday gift program, your wrapped gift is due in the Main Office by 8:30 Friday morning, December 8. If you haven't signed up yet, it is still possible to do so.**

**Most of the children have two sponsors, but there are four who only have one sponsor. It would be nice if each child could have two gifts. Or, you could buy a game that is appropriate for all ages. Please contact me if you are interested in participating. Jeri**

#### **STAFF/FACULTY ATTENDANCE ROSTERS**

**State and Research Faculty and Research Staff should sign the rosters by the checkbox in the Main Office. State staff should sign the "303" which will be in their mailboxes by Tuesday afternoon. Deadline for reporting attendance is Monday, December 11.**


One pint of blood can save  
five lives.

Do you really have something  
more important to do ?

Date December 12, 1995 Time 8:30-2:00

Place Endeavour 120

Contact Jeri Schoof

 **Long Island Blood Services**  
A Division of the New York Blood Center

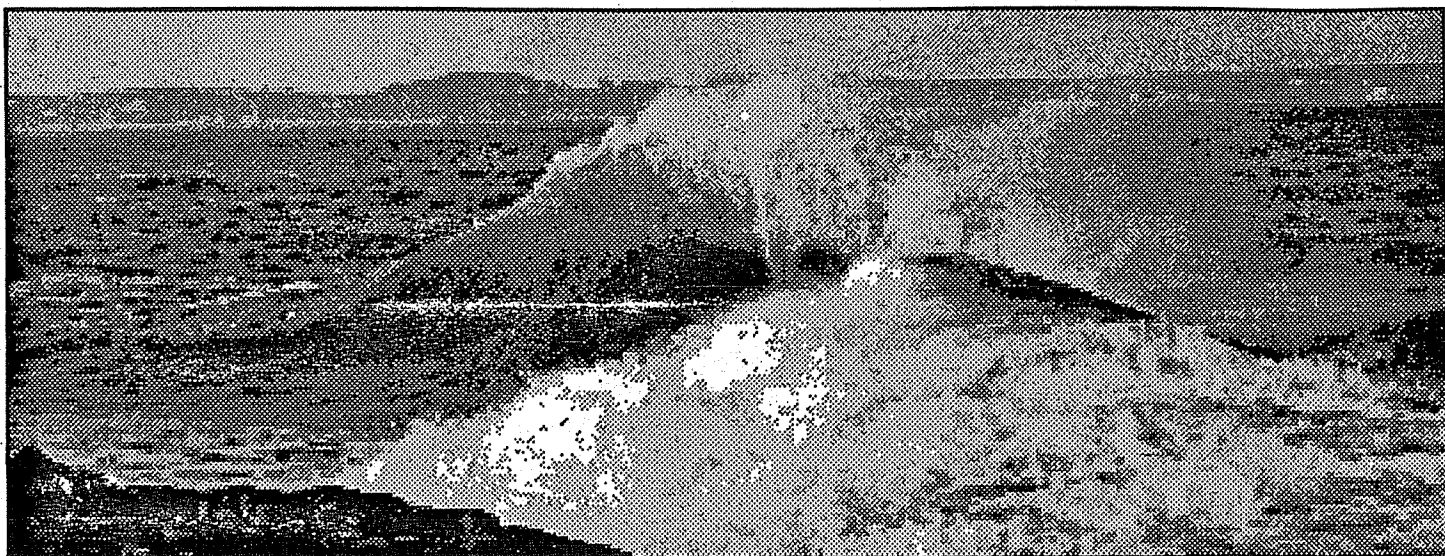


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 34

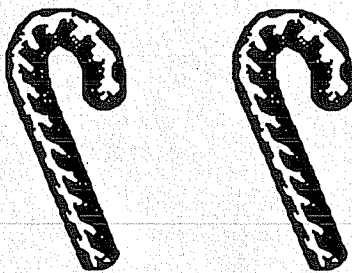
December 11, 1995

## Schedule of Events

December 11-17, 1995

<b>MON</b>		<b>Deadline to sign faculty/staff rosters</b>
<b>TUES</b>	<b>0830-1345</b>	<b>Blood Drive, Endeavour 120</b>
<b>WED</b>	<b>1200</b>	<b>MSRC Weekly Seminar, Endeavour 120</b> <b>"Development and application of a voltametric solid-state multi-element microelectrode to porewaters: a new probe to understand diagenetic reactions"</b> <b>George Luther, U. Delaware</b>
<b>THURS</b>		
<b>FRI</b>	<b>1130</b>	<b>No TAOS Weekly Seminar, Endeavour 120</b>
	<b>1530</b>	<b>Friday Discussion Group, Challenger 163</b> <b>"And you think you had a bad week...the hurricane that hit St. Johns"</b> <b>Marci Bortman, MSRC</b>

## **HOLIDAY GIFT & FOOD DRIVE**



A sincere thank you to all of you who donated food, gifts or cash to the holiday food and gift program. You were very generous!!

### **Upcoming Events**

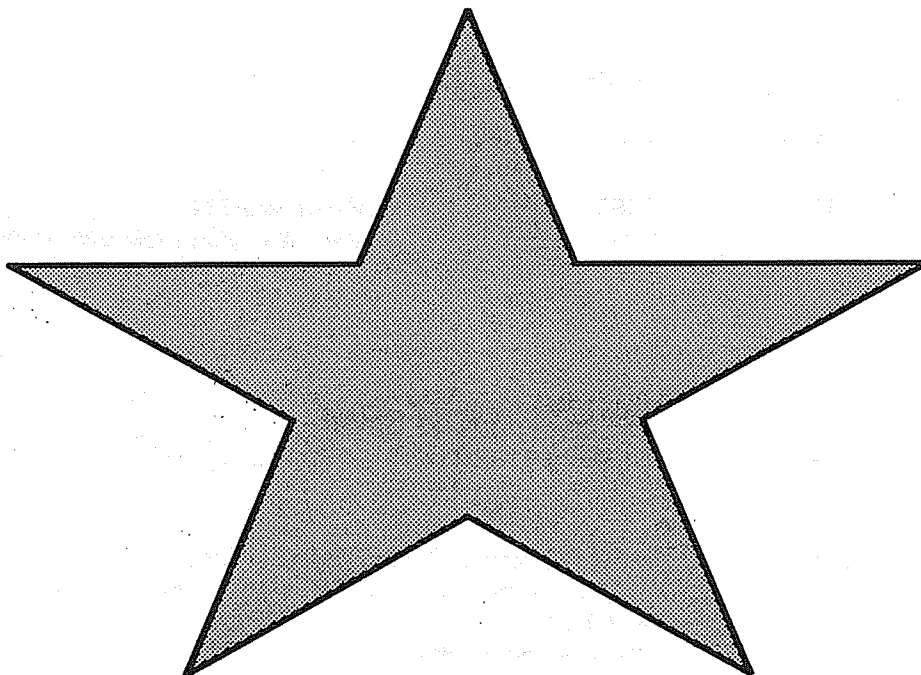
- The next faculty meeting will be held on December 20 at

10:00. Please give agenda items to Jeri by December 15.

### **EMPLOYMENT CORNER**

The University of R.I.'s Graduate School of Oceanography has an opening for a part-time Marine Research Associate II. M.S. required. Application deadline is December 15.

The College of Wooster has a tenure track position for an Assistant Professor of Biology and a one-year Visiting Assistant Professorship to teach Population and Community Ecology. Deadline to apply is January 15.



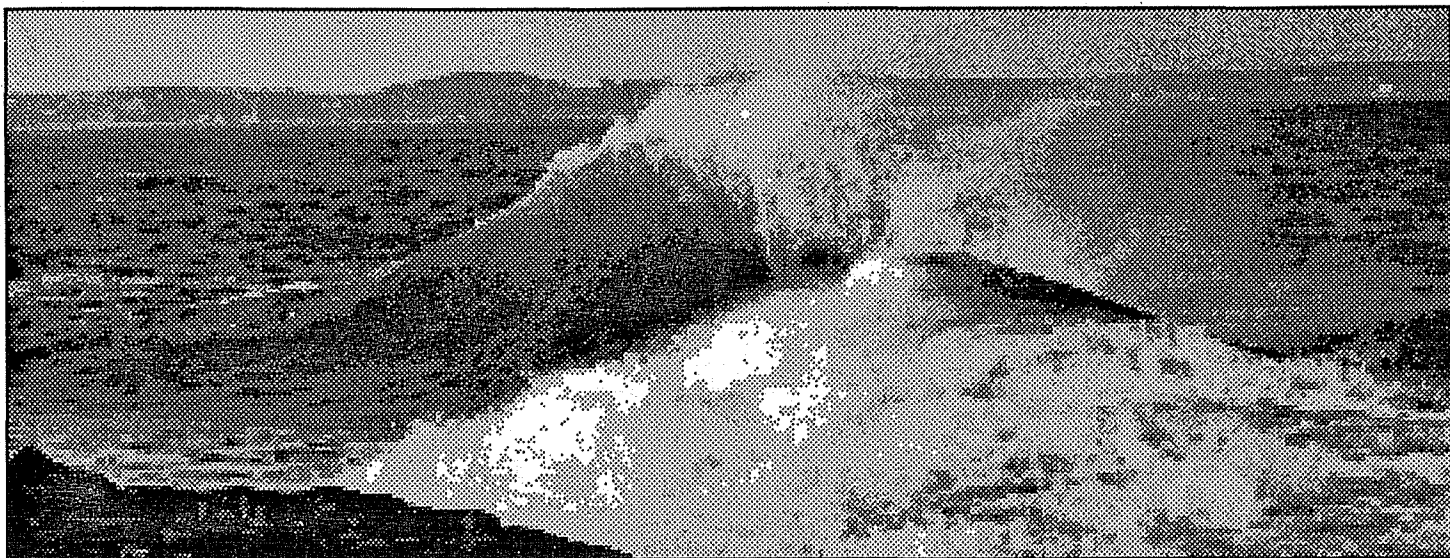


Photo by George Rowland

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# MSRC SOUNDINGS

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Vol. X, No. 35

December 18, 1995

## Schedule of Events

December 18-24, 1995

### MON

**TUES            1500            Staff Meeting, Endeavour 120**

**WED            1000            Faculty Meeting, Endeavour 120**

**1200            No MSRC Weekly Seminar, Endeavour 120**

### THURS

**FRI            1130            No TAOS Weekly Seminar, Endeavour 120**

**1530            No Friday Discussion Group, Challenger 163**

**Congratulations to MSRC grad (1993) Arnolde Valle-Levinson who survived a competitive international search and was promoted to Assistant Professor in the Dept. of Physical Oceanography at Old Dominion U. in Norfolk, VA.**

**SABBATICAL REQUEST deadline is February 15. See Jeri for the forms.**

#### **EMPLOYMENT CORNER**

**The University of Southern California has two positions available: Endowed Chair of Environmental Biology and Director of Environmental Institute. Application deadline is January 15 for initial screening.**

#### **CONFERENCES & COURSES**

**The International Symposium on "Radionuclides in the Oceans" will be held 7-11 October 1996 (Part 1) and 7-11 April 1997 (Part 2) in Cherbourg, France. Abstract deadline: March 15 for Part 1 and Sept. 15 for Part 2.**

**A Multi-Party Collaborative Problem-Solving training session will be offered by Cornell at four different sites between Feb. and March.**

**The Oceanographic Society's 1996 Meeting on "The Role of the Ocean in Global Change**

**Research Highlighting Oceanographic Aspects and Importance of the Global Change Research of WCRP, IGBP and HDP" will be held July 8-11 in the Netherlands. Poster abstract deadline is April 26, 1996.**

**The University of Michigan offers an eight credit field geology course every summer for undergraduate majors. This year the course will be June 24-August 14.**

#### **HOLIDAY SCHEDULE**

**The Main Office will be closed Monday, 12/25, Tuesday, 12/26, and Monday, 1/1. A skeleton crew (i.e. one person) will be in each day (Wednesday-Friday, 12/27-29 and Tuesday, January 1/2) to take care of mail, faxes, etc. Staffing will return to normal Wednesday, 1/3. State paychecks will be available in the Main Office after 10 a.m. on Wednesday, December 27.**

**Soundings will take a break for the holidays and intersession. The next issue will be 1/22. Deadline to submit items for that issue is Tuesday, 1/16.**

**HAPPY CHANUKAH!**

**MERRY CHRISTMAS!**

**HAPPY NEW YEAR!**