

Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No. 1

February 1, 1993

## Schedule of Events Feb. 1- Feb. 7, 1993

MON	0900	Executive Committee, Endeavour 113
TUES	1600	TAOS Seminar, Challenger 163 "Selective Excitation of Tropical Atmospheric Waves in Wave-CISK" Minghua Zhang, ITPA/MSRC
	1700	Soundings entries due to Jeri
WEDS	1200	MSRC Weekly Seminar, Endeavour 120 "Tidal Dynamics of the Hudson Estuary" Robert Wilson, MSRC
THURS		
FRI	1530	Friday Discussion Group, Challenger 163 "Hydraulic and Mixing in the Hudson Estuary" Robert Chant, MSRC

## **MEETINGS/CONFERENCES**

The National Coalition for Marine Conservation is sponsoring a conference on Conserving America's Fisheries March 8-10 at the Clarion Hotel in New Orleans. Registration deadline is Feb. 20.

The American Museum of Natural History and the Hudson River Foundation are presenting a lecture series on the Natural History of the Hudson River Ecosystem with an emphasis on its fisheries. The series is open to the public. Dates are February 3 (Trickle Up Ecology: Food Webs and Estuarine Restoration), February 10 (At Home in the Hudson: The River's Permanent and Visiting Fauna), February 17 (Hooked on Fish: Hudson River Fisheries and their Management) and February 27 (Cleaning the Waters: Understanding and Managing the Hudson). All lectures are 6-8 p.m. at the American Museum. Cost is \$25-30 a ticket (\$10 for students and senior citizens).

The Hudson River Foundation is hosting a seminar Feb. 2 at 10:30 on "The Role of Estuaries to Coastal Fish Stocks" by Ken Able, Rutgers. Call 212-924-8290 to register.

## **REMINDER**

Faculty Meeting scheduled for February 8 at 9:30 in Endeavour 145.

## **FELLOWSHIPS**

The Polgar Fellowship Program supports undergraduate and graduate research projects on the Hudson River. Proposals are accepted for research anywhere within the Hudson estuary. Summer salaries of \$3500 and limited research funds provided. Sponsoring professors receive \$250. Proposals due March 1.

The Hudson River Foundation will award up to five full-time research graduate fellowships to advanced doctoral students conducting research in the Hudson River system. The fellowship carries a stipend of \$11,000 for the year and \$1000 for research incidentals. Deadline is February 15.

The Marine Biological Lab has two Lakins Summer Fellowships available for 1993. Lab space, housing, travel and supply funds are provided. There is no stipend. Deadline February 1.

## **MICHELANGELO VIRUS**

The Michelangelo computer virus has been found at the Center. This highly destructive and contagious virus affects IBM-PC's and clones. On March 13th (Michelangelo's birthday, hence the name) the virus will erase all data on an infected computer's hard disk.

We have updated our virus scanning disks to the latest software version (new as of today). Using the disk is easy. Written instructions are included, the borrowing is free, and since it is shareware, a copy on your hard disk for later use is legal and recommended. Don't think it can't happen to you! Come by soon.

Tom Wilson  
Electronics Shop  
Discovery 102  
2-8706

## **EMPLOYMENT OPPORTUNITIES**

Louis Guma, an ESS major with a minor in Marine Sciences is graduating in May and seeks a marine related position. His number is 283-7819 if you have an appropriate position.

The U.S. Army Waterways Experiment Station is seeking candidates for a Biological Technician, salary range is \$26,800 - \$32,400. Applicants must be a U.S. citizen.

The Mote Marine Laboratory in Florida has an opening for a senior-level fisheries scientist with experience in aquaculture and fish stock enhancement.

University of Massachusetts in Dartmouth, MA, has a tenure track position in Marine Invertebrate Biology available for Fall 1993. Applications accepted until March 30, 1993.

The Texas Parks and Wildlife Department has openings for biologists in the Coastal Fisheries Branch. Please see Helen Ulreich for further details.

Robert Wappman, a graduate of Cornell's Institute of Public Affairs, with a specialization in Natural Resources Policy seeks a position in the environmental services/environmental policy fields. His file is in the Main Office.

A faculty position for a marine ecologist is available at the Southampton Campus of Long Island University. Please see Helen Ulreich for further details.

The Universities Space Research Association in conjunction with Goddard Space Flight Center is running a Graduate Student Summer Program from June 14 - August 20. Stipend is \$8.50/hr. for 10 week period with housing and travel provided. Deadline is February 15.

25 January 1993

To: MSRC Faculty and Students  
From: MSRC Awards Committee  
Subj: Upcoming 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 spring semester travel applications must be received by 15 February 1993 for travel between 1 February 1993 and 1 June 1993.
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.
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 by either student or faculty advisor.
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.

**To:** MSRC Community  
**From:** Mary I. Scranton  
**Date:** January 27, 1993  
**Subject:** Spring 1993 Friday Discussion Group schedule

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5 February	Bob Chant
12	Val Gerard and Joel Bruhn
19	
26	Victor Smatacek (DVS). Consequences of eutrophication for European coastal waters
5 March	Bruce Brownawell
12	Gordon Taylor
19	
26	Vera Agostino
2 April	Bob Beardsley (DVS) tentative
9	Spring vacation
16	Barrkumar and Ajit Subramaniam
23	Randy Young
30	
7 May	Monica Bricelj
14	

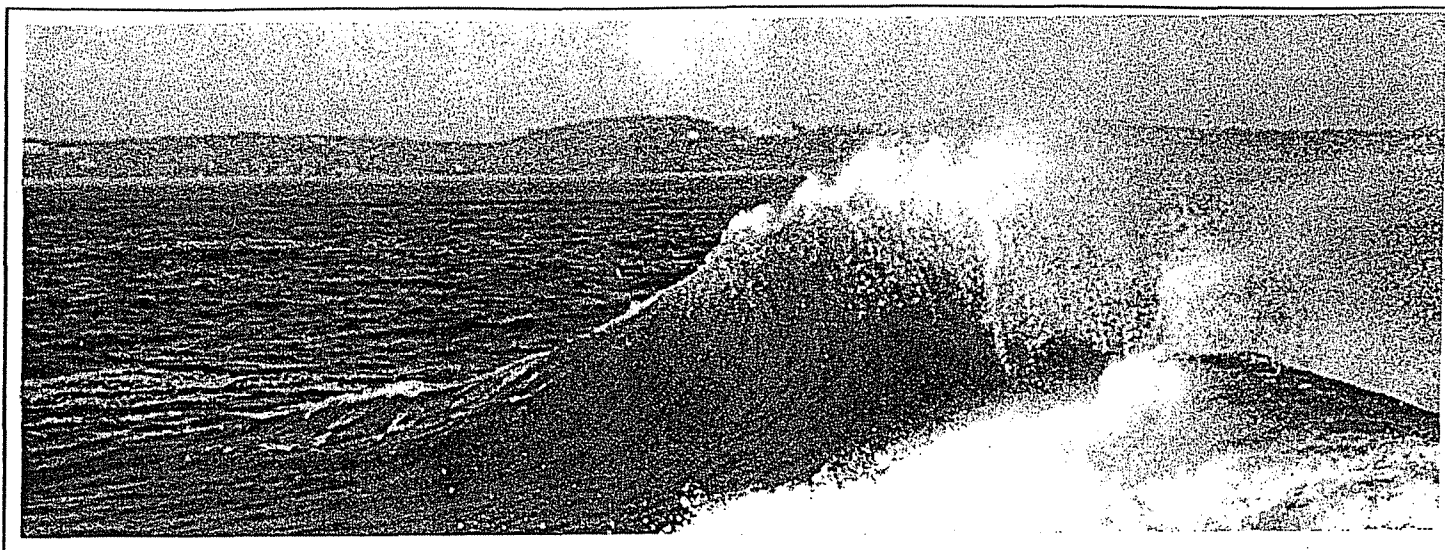


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No.2

February 8, 1993

## Schedule of Events Feb. 8- Feb. 14, 1993

<b>MON</b>	0930	Faculty Meeting, Endeavour 120
<b>TUES</b>	1600	TAOS Seminar, Challenger 163 "Numerical Simulation of the Trajectories of Zooplankton Near A High Seamount" Lisa Hommel, Old Dominion University
	1700	Soundings entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Putting Some 'Bio' Back Into Bioturbation: the Role of Deliberate Tracer Experiments" Robert Wheatcroft, WHOI
<b>THURS</b>		
<b>FRI</b>	1530	Friday Discussion Group, Challenger 163 "Between Diatoms and Dandelions" or "How to Sell Seaweed Research" Val Gerard & Joel Bruhn, MSRC

## **SUMMER COURSE**

"Structural Population Models in Marine, Terrestrial and Freshwater Systems" will be offered as a summer course at Cornell University June 16 - July 18 by Hal Caswell and Shripad Tuljaprukar. Support for travel, housing and living expenses for students in the course is anticipated. Deadline to apply is February 15.

## **EMPLOYMENT CORNER**

Cornell Cooperative Extension has the following positions available:

4H Youth Development  
Horticulture (Commercial Greenhouse Production)  
Youth-At-Risk Area Specialist  
Extension Associate, Environmental Issues Leader -  
ship Specialist  
Area Extension Farm Business Management Specialist  
Senior Extension Associate-Economics of Dairy  
Markets and Policy  
Horticulture (Commercial Landscape)

The N.Y. City Industrial Technology Assistance Corp. seeks a manufacturing professional for the position of Pollution Prevention Engineer.

## **TIMESHEETS**

Research faculty and Staff and State Professional Staff timesheets are due to Jeri by February 10. State faculty must sign the roster by the check box in the Main Office by February 10.

## **MAILBOXES SHIFTED**

The faculty and staff mailboxes will be reorganized on Monday to integrate ITPA and our newest faculty, Dan Conley and Alessandra Conversi. Please check to be sure you are taking mail from or putting it into the correct box.

## **TRAVEL HELP DESK**

The staff from the University Travel Office will be at MSRC on alternate Wednesday's starting on February 7. They will be located either in the Main Office or in Endeavour 139.

## **HELP NEEDED**

Charlie Flagg (BNL) needs a student to help on a cruise (off the Pacific Coast), taking plankton tows to correlate with acoustic surveys. Time period - August 8 to September 2, 1993 (travel plus \$35 per diem). If you're interested, give him a call (282-3128) and let Henry Bokuniewicz know.



Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.3

February 15, 1993

## Schedule of Events Feb. 15- Feb. 21, 1993

<b>MON</b>		
<b>TUES</b>	1600	TAOS Seminar, Challenger 163 "Short Term Atmospheric Effects of Aircraft and Solid-Fueled Rocket Emissions" Michael Danilin, Moscow State University
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "The Aquatic Biogeochemistry of Mercury" Rob Mason, MIT Parsons Lab.
<b>THURS</b>		
<b>FRI</b>	1000-1300	State of Disciplines Meeting, Endeavour 113.
	1530	Friday Discussion Group, Challenger 163 "Hikeable Hawaii", Hartmut Peters, MSRC





Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.4

February 22, 1993

## Schedule of Events Feb. 22- Feb. 28, 1993

<b>MON</b>	1000	Welcome Reception, DVS Victor Smetacek, Endeavour 113
	1200	DVS Seminar, Endeavour 120 "Patterns of Production and Mechanisms of Sedimentation in the Southern Ocean", Victor Smetacek
<b>TUE</b>	1200	DVS Seminar Endeavour 120 "Sea Ice Seasonality and the Life History Cycle of Antarctic Krill" Victor Smetacek
	1700	Soundings entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "The Changing Paradigms of Ocean Ecology" Victor Smetacek, DVS
<b>THU</b>		
<b>FRI</b>	1530	Friday Discussion Group "Consequences of Eutrophication for European Coastal Waters" Victor Smetacek, DVS



## ATTENTION

Andrew Parrella is looking for temporary work as a laboratory technician. He is experienced with phytoplankton culture, AA Spec. and biochemical techniques. Call 689-9328.

## EMPLOYMENT CORNER

The U.S. Coast Guard academy has an opening for a tenure-track faculty position in Marine Sciences. Deadline February 26.

Joyce Mather, a graduate of Roger Williams College, is looking for a position. She has a BS in Marine Biology.

## FELLOWSHIPS

A copy of the 1993/94 NASA graduate research student researchers program guide is in the main office. You must be a U.S. citizen to apply for these.

## ETIQUETTE

Please do not ride your bikes or wheel your bikes in the buildings. Our custodial staff work hard to keep our buildings tidy and it is thoughtless to ride bikes in the hallways. If you want to bring your bike inside, carry it!

**FREE TO GOOD HOME: THEO'S FANCY GUPPIES.** By the pair or by the dozen. Satisfaction guaranteed or your money back. See Val in Dana 107A or call 2-8675.

## LOCKED CLASSROOMS

All classrooms will be on 2-J keys in the future. Please keep them locked to secure the A/V equipment.

## MSc. STUDENT FUNDING

Two years of funding available for Masters Student interested in applying molecular biology techniques to biological oceanography. The project is focussed on the molecular biology of biocalcification by the coccolithophores *Emilianii huxleii*. If interested, contact Julie La Roche, oceanographic and Atmospheric Sciences Division, Brookhaven National Lab, Upton NY, tel: 282-7938 or 282-2963.



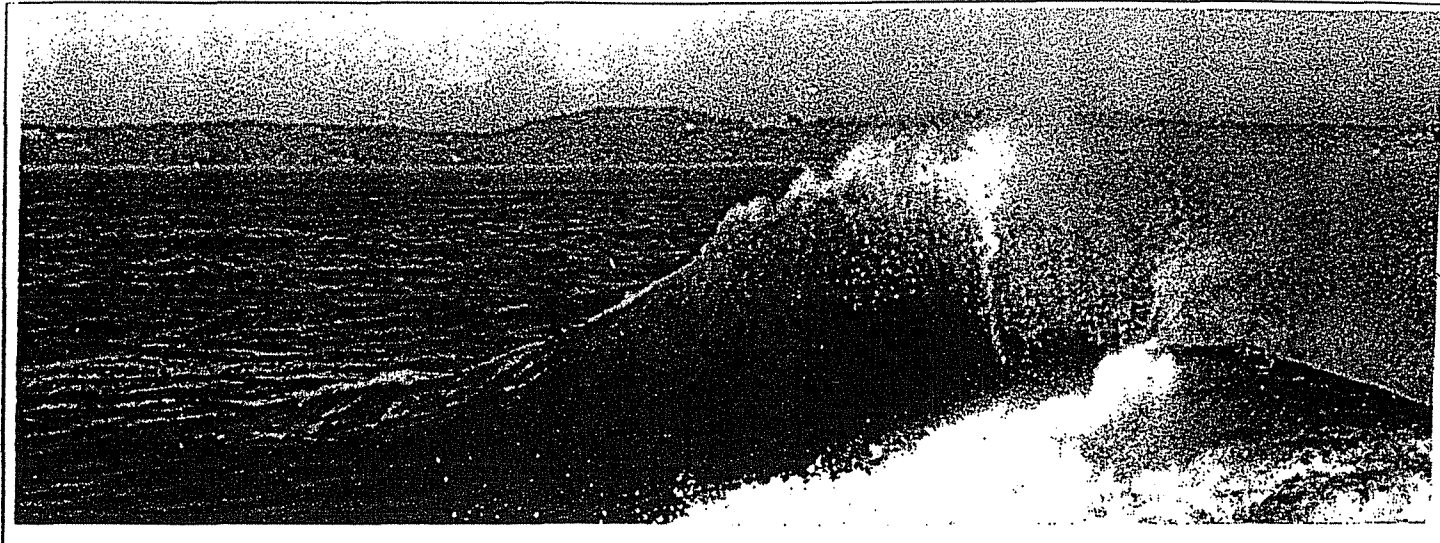


Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.5

March 1, 1993

## Schedule of Events March 1- March 7, 1993

<b>MON</b>		
<b>TUE</b>	1600	TAOS Seminar, Endeavour 120 "Chaos in Plankton Population Dynamics In Relation to Environmental Forcing ." Ed Bettrami, Dept of Applied Math and Stat.
	1700	Soundings entries due
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Frontal Instability and Cross-Frontal Exchange" D.P. Wang, MSRC
<b>THURS</b>		
<b>FRI</b>		Friday Discussion Group, Challenger 163 "The December Storm and Others: Past and Future" Henry Bokuniewicz, MSRC

## FOOD DRIVE

The semester is humming along smoothly now. It's time to remember contributions for Long Island's homeless. The collection site for South Campus is Room 195 Endeavour Hall. Please bring your contributions of canned and dried food.

## ATTENTION

The graduate Biometry course, BEE 552, which has been offered during Spring semesters on a M/W/F schedule between 9:25-11:25 will now be taught during the Fall. Classes will be held on a TU/TH schedule between 10-12 o'clock. This is a permanent change as of Fall 1993. Thank you.

## COURSE NOTES

EnviroVet is an intensive summer short course in freshwater aquatic animal medicine/environmental toxicology offered jointly by the Universities of Illinois, Minnesota and Wisconsin at the Lake Superior Research Institute. Any faculty, staff, or student interested in learning more about the program, see Bill Wise.

The University Police Community Relations Unit is offering a Safety Awareness Program to all faculty, staff and students.

Topics include:

1. Self Defense Tactics
2. Personal Safety and Awareness
3. Sexual Assault
4. Driver Safety Tips - replace flat tire, seat belt usage.

Location of Class: Room 171, 3rd Level, HSC

Time: 11:00 a.m. - 2:30 p.m.

Date: March 2, 9, 16, 23, 30, 1993

If you are interested, contact Community Relations at 2-7786 or 2-9317; or stop in to inquire at our Substation Office located in the Student Union.

If you would like a program on the Main Campus at a later date, contact Lt. Douglas Little at 2-7786.

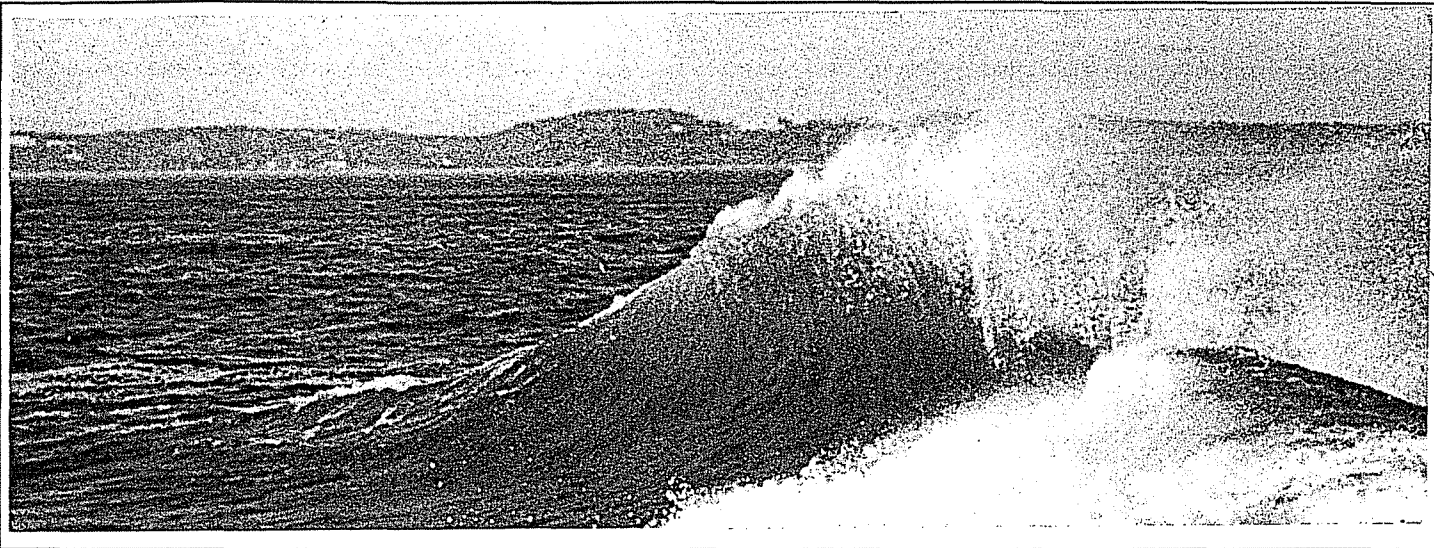


Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.6

March 8, 1993

## Schedule of Events March 8- March 14, 1993

<b>MON</b>		
<b>TUE</b>	1700	Soundings entries due
<b>WED</b>	1200	MSRC Weekly Seminar Series, Challenger 165 "Low Oxygen In Chesapeake Bay: Effects On Trophic Interactions And Fish Recruitment" Denise Breitburg, Benedict Estuarine Lab
<b>THURS</b>		
<b>FRI</b>	0900	Faculty Meeting, Endeavour 120
	1530	Friday Discussion Group, Challenger 163 "Life On the Edge--Epibiosis From the Microbial Perspective" G. Taylor, Mijin Lee, D. Zheng, MSRC





## **TIMESHEETS**

Research faculty and staff and State staff timesheets are due March 10. State faculty must sign the roster by March 10.

## **AV EQUIPMENT**

Please do not remove the overhead projectors from the classrooms. Each classroom should have an overhead permanently assigned to it. If the projector is not working, let Cliff or Jeri know so it can be repaired.

## **JOURNAL ARTICLES**

Coastal Management is seeking articles from students for its Research Notes and/or Recent Developments sections. Manuscripts of 1-5 pages should be submitted with five copies by April 1 to appear in the last issue of 1993. Articles for 1994 are due January 1.

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Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.7

March 15, 1993

## Schedule of Events March 15- March 21, 1993

<b>MON</b>		
<b>TUE</b>	1700	Soundings entries due
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour Hall 120 "The Spatial Distribution of Aquatic Chemical Signals And Their Roles In The Orientation Of Lobsters" Paul Moore, Monell Chemical Senses Center, Philadelphia
<b>THURS</b>		
<b>FRI</b>	1530	Friday Discussion Group, Challenger 163 "Sea Grant Program For Students" Anne McElroy, NY Sea Grant

## **ATTENTION**

MSRC needs a graduate student to serve as one of our senators in the Graduate Student Organization. GSO is the group which is concerned with interests affecting all graduate students, from activity fees to the structure of the graduate school administration. Due to the large size of our department, we are allowed to have two senators to represent our views. Todd Ward and Rob Cho have been our senators during the past year, but Rob is now Speaker of the Senate, leaving a vacancy which needs to be filled. The GSO Senate meets every 3-4 weeks. If you are interested in this position, or just have some questions about the GSO, please see either Todd or Rob.

## **FACULTY MEETING**

The next faculty meeting will be May 3 at 9:00.  
Agenda items are due to Jeri by April 27.

## **TIMESHEETS**

Final reminder for timesheets for research faculty and State and research staff. State faculty should have signed the roster by the checkbox.

## **FOUND**

A set of keys on a "#1" Long Island Savings Bank key chain. Contact Steve Zahn at 2-8709.

## **NEEDED**

Housesitter, plant waterer, cat feeder needed for Spring break - April 4 through April 10. In Stony Brook near Christian and Quaker Path; see Trudy Bell for details. Food and small stipend included.

MAR580: Graduate Seminar, Fall 1993  
 SCHEDULE as of 3/1/93

It's not too early to start thinking about the fall Wednesday seminar series.  
 Please send your suggestions for speakers to Malcolm Bowman or Akira Okubo

DATE	SPEAKER	AFFILIATION	HOST	STATUS	TOPIC/TITLE
9/1	J. Laurie McHugh	MSRC	M. Bowman	OK @ 3/1/93	Magnuson Act (title to be announced)
9/8					
9/15	Rosh Hashanah	Friday schedule- no seminar			
9/22					
9/29					
10/6					
10/13					
10/20					
10/27					
11/3	Mark Patterson	VIMS	A. Okubo		Bio-fluid mechanics (title to be announced)
11/10					
11/17					
11/24					
12/1					
12/8					

**IF YOU AND YOUR SPOUSE ARE UUP MEMBERS, you get double benefits:**

You are eligible for claims for dental reimbursement and vouchers for vision care under both your membership and your spouse's membership. That is, if you are not eligible for a vision care voucher under your social security number, you can apply for one under your spouse's social security number, if (s)he is also a member.

For dental care, you must file a form with one member's S.S. number and wait for reimbursement. Then you can file the second form with the other member's S.S. number. Some dentists will even file them both in sequence for you, then bill you for the uncovered portion.

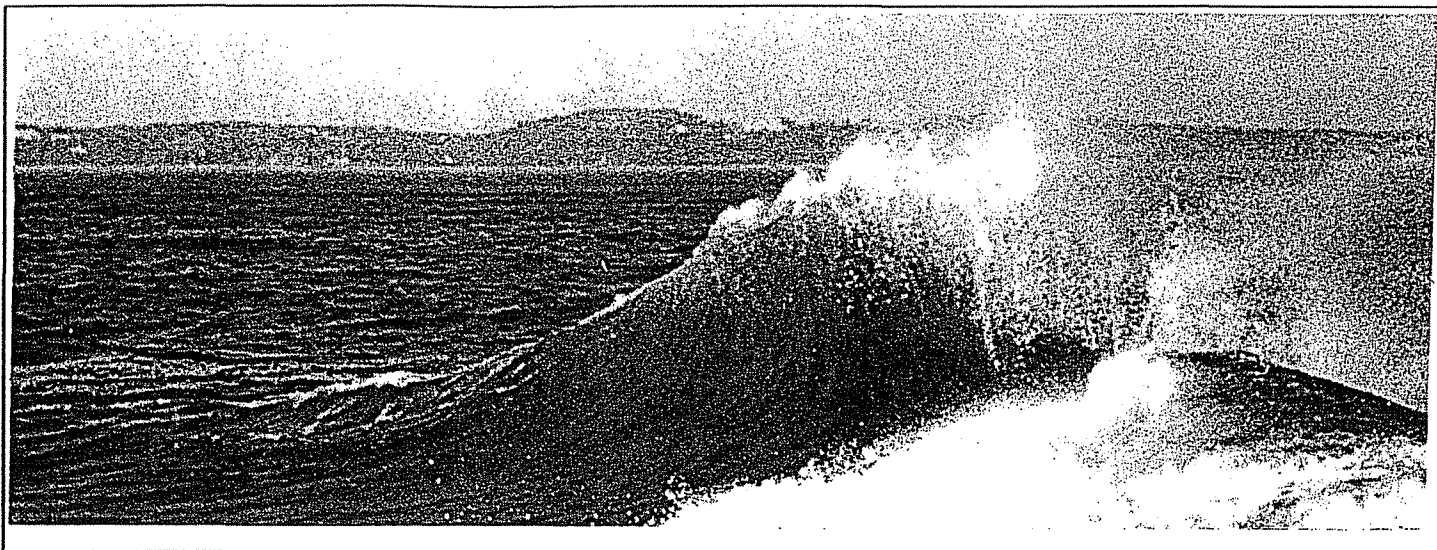


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No.8

March 22, 1993

## Schedule of Events March 22- March 28, 1993

<b>MON</b>		
<b>TUE</b>	1000	Special Seminar, Challenger 163 "The Effects of Chemical Structure on Rates and Patterns of Carbohydrate Degradation by Anaerobic Bacteria" Carol Arnosti, WHOI
	1600	TAOS Seminar, Endeavour 120 "Numerical Simulations of Oceanographic Climate by using OGCM with Free Surface"
	1700	Soundings Entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Baleen Whales" Marjorie Oldfield Seatuck Foundation
	1400	Blood Drive Captains Mtg., Endeavour 113
<b>THUR</b>		
<b>FRI</b>	1530	Friday Discussion Group, Challenger 163





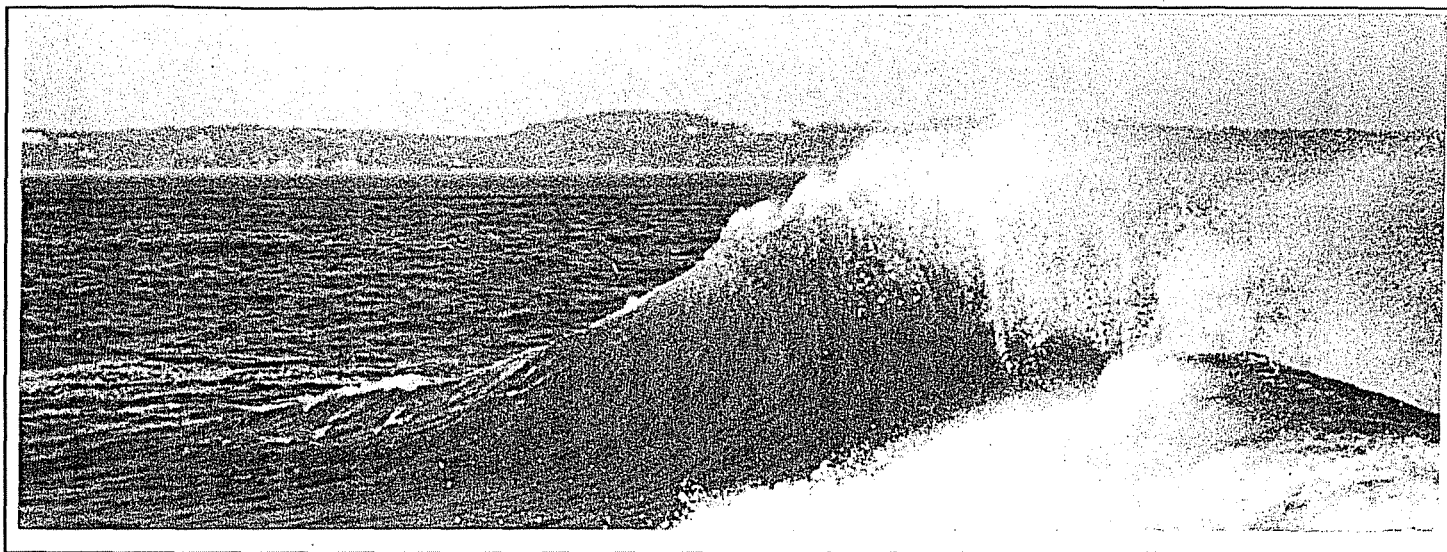


Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.9

March 29, 1993

## Schedule of Events March 29- April 4, 1993

<b>MON</b>		
<b>TUE</b>	1700	Soundings Entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "The Effect of the Magnuson Act (1976) on the Fisheries of the Middle Atlantic Region" J.L. McHugh, MSRC
<b>THUR</b>		
<b>FRI</b>	1530	No Friday Discussion Group



## **1992 FEDERAL AND STATE TAX RETURN FORMS**

The Main Office has a list of tax forms available from the Payroll Office. If there's a form you need, stop in to check the list. If Payroll has it, they'll send it to you.

## **BLOOD DRIVE**

The following individuals have volunteered to assist me in soliciting pledges for the blood drive: Jeanne Gulnick, Susan Bauer, Diane Achman, Vera Agnosti and Bill Wise. Please say yes when you are asked to donate. Thank you!

## **EMPLOYMENT CORNER**

Research Support Specialist to study the ecology and physiology of marine microalgae.

Qualifications: BS in a scientific discipline such as biology, chemistry or marine science, with experience preferred. Training in specific analyses will be provided. Person must have the ability to help load ship, work with minimum supervision, and be physically capable of cruises. Some cell cycle research will require sampling at night. Experience in computer processing of data preferred.

Application: Send letter, resume, and the names and phone numbers (and FAX if available) of three professional references to: Dr. E.J. Carpenter, Marine Sciences Research Center, State University of New York, Stony Brook, NY 11794-5000 USA. We wish to fill this position by late spring. Funds are anticipated to be available for at least three years. Phone 516 632-8696 Fax 516 632-8820.

## **ABSTRACTS**

Abstracts for both posters and oral presentations are still being accepted for the Second Almost-Annual MSRC Student Symposium, to be held the afternoon/evening of Friday, April 23. The symposium is an excellent opportunity to share your research with the rest of us, to get feedback from other

students and faculty, and to practice public presentation of your work. We are especially encouraging chemists and physicists to submit abstracts. Abstracts should fit into a box 5" deep and 6" wide, and should be given to Jeff Buckel or Nancy Steinberg. Don't delay and risk missing this exciting event.

## **ATTENTION**

Raptors (eagles, hawks, falcons) are keystone predators; the health of raptor populations is a general indication of the condition and functioning of the habitats they occupy. Moreover, many folks just like to watch them as they soar. Several North American raptor species are threatened by habitat disruption/loss and the bioaccumulation of toxic substances. HawkWatch International Inc. is a NFP organization dedicated to furthering our understanding of the status of raptor populations and the interaction of these regal birds with their environment. HWI offers a variety of opportunities for individuals or groups to aid this cause, including "adopting" a wild, banded raptor. If you are interested in learning more about HawkWatch International, see Bill Wise for their brochure.

## **JOB POSTINGS**

If you or anyone you know is job hunting, please stop by the offices of the New York State Sea Grant Institute in Nassau Hall where we maintain listings of job announcements. They are posted on the bulletin board in our hallway. We monitor the "Jobs Bulletin Board" on Omnet and the Sea Grant Director also receives information of this nature from various outside sources for all types of marine/aquatic related positions.



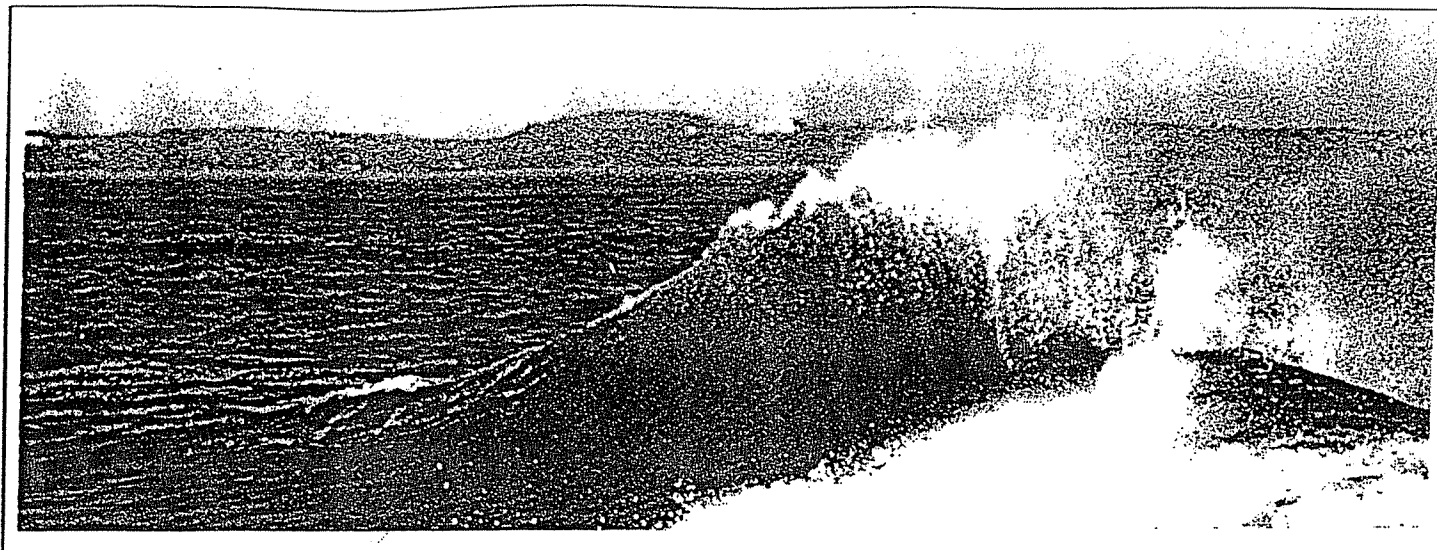


Photo by George Rowland

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# *MSRC SOUNDINGS*

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Vol. VIII, No.11

April 5, 1993

## Schedule of Events April 5 - April 11, 1993

MON		
TUE	1700	Soundings Entries due to Jeri
WED		No MSRC Weekly Seminar due to Spring Break
THUR		
FRI		No Friday Discussion Group due to Spring Break Happy Holidays!

## **HOUSE FOR RENT**

House for Rent: Two-bedroom furnished house for rent from September 1, 1993, to June 1, 1994.

Summer could be included under special circumstances. Pleasant neighborhood near the University off Quaker Path. Rent \$900/mo, but negotiable.

Contact Cindy Lee, Ext. 2-8741.

## **TIMESHEETS**

Research faculty/staff and State staff timesheets are due April 10. State faculty must sign the roster by April 10. If you did not receive a timesheet see Jeri.

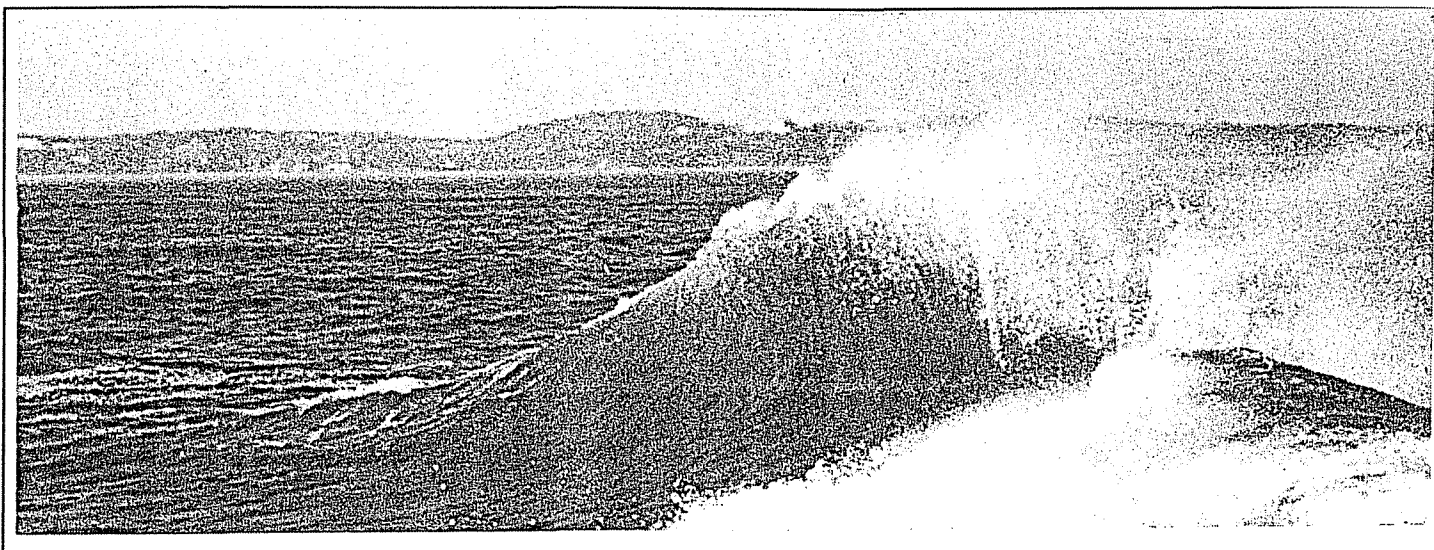


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No.12

April 12, 1993

## Schedule of Events April 12 - April 18, 1993

<b>MON</b>		
<b>TUE</b>	1400	MSRC Dive Program Meeting, Endeavour 113
	16:15	TAOS Seminar, Harriman Hall, P137 "Lidar Sensing of the Atmosphere" Chester S. Gardner, University of Illinois
	1700	Soundings entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Air Sea Interaction: El Nino and the Seasonal Cycle" George Philander, GFDL, Princeton University
<b>THUR</b>	1600	TAOS Seminar, Endeavour 113 "Does Fossil Fuel Combustion Lead to Global Warming?" Steven Schwartz, Brookhaven National Lab.
<b>FRI</b>	1530	Friday Discussion Group, Challenger 163 "A Movie From Data: A Look at LIS Temperature and Salinity Data" Ajit Subramaniam and Barr-Kumar, MSRC





## **TOUR DE CURE UPDATE**

May 16th is quickly approaching. Remember, anyone interested in riding with the MSRC team must send in a \$20 registration fee by May 14th. If you don't have a registration form, you can pick one up Discovery 171. Please sign the sign-up sheet outside the mailroom with name and T-shirt size. Lastly, anyone interested in joining in on training rides please contact Patrick Dooley.

## **MSRC DIVE PROGRAM MEETING**

A meeting will be held on Tuesday, 13 April 1993 from 2:00 - 3:00 pm in Endeavour 113 to begin the development of a dive program at MSRC. Once such a program is established, all divers and diving conducted through the Center must be approved by the Center's Dive Officer/Dive Committee. Anyone interested in this issue is encouraged to attend.

## **FLAX POND CLEAN-UP**

The annual Flax Pond Clean-Up is scheduled for Saturday, 01 May 1993 from 10:00 am to 3:00 pm. There is a tremendous amount of foreign material washed up along the perimeter of the marsh this year, the legacy of this past winter's storms. We really need MSRC folks to turn out in above-average numbers to help collect this debris and cart it away. If you've got a family, bring them along; refreshments will be available. Please alert Steve Zahn (2-8709) or Bill Wise (2-8656) if you will be on hand. Thank you.

## **REMINDER**

There is still time to pledge blood for the April 22 blood drive. See Jeri if you would like to help save a life.

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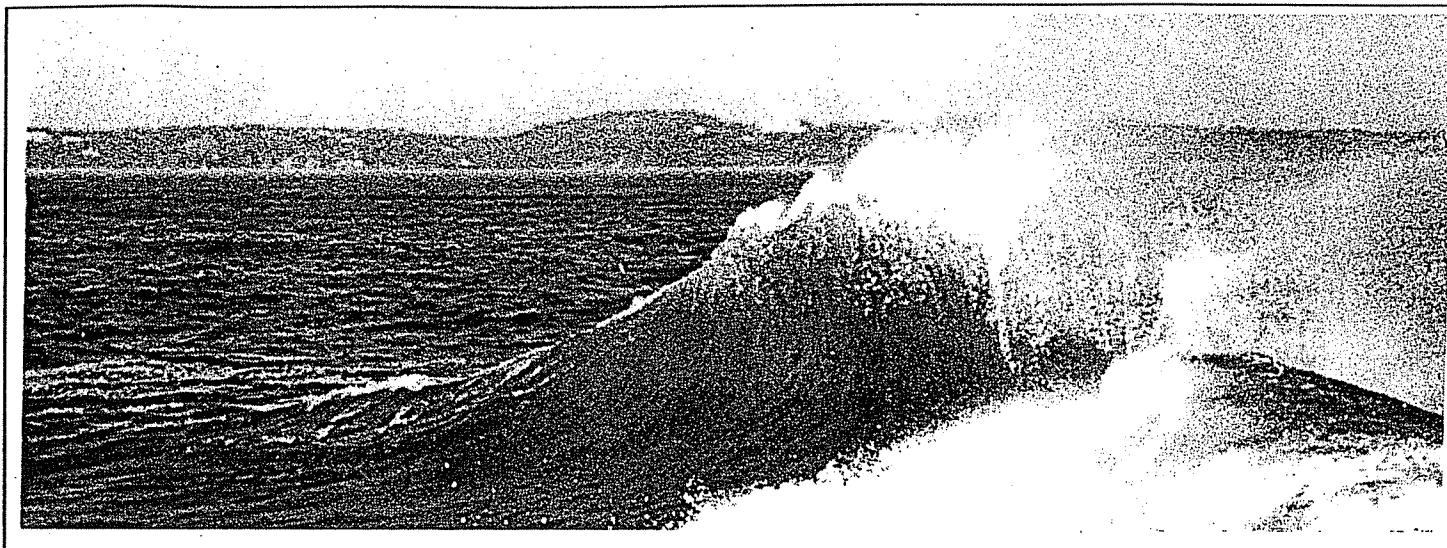


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No.13

April 19, 1993

## Schedule of Events April 19 - April 25, 1993

<b>MON</b>		
<b>TUE</b>	1700	Soundings entries due to Jeri
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Protozoa Bacteria In the Ocean" David Caron, Woods Hole Oceanographic Institution
	1600	TAOS Seminar, Endeavour 120 "Dynamical Chaos Are Implications for Climate Change" Eric Postmentier, Long Island University
<b>THUR</b>	0900-1430	Blood Drive, Endeavour 120
<b>FRI</b>	1530	Friday Discussion Group, Challenger 163 "Student Symposium"

## **PART-TIME SUMMER JOBS**

The Town of Smithtown's Department of Environment and Waterways is looking for two graduate students to work 10-15 hours per week, beginning the first week in May, through the summer. They need someone to work on their campaign to reduce grass clippings, and to staff a hotline for resident's questions concerning the program. They also need help in monitoring tern colonies and piping plover nests. Some weekend hours would be required for at least one of the positions. If interested, please call Andrew Kolikoff at 360-7514.

## **AWARDS**

Cheryl Chambers, Assistant Director for Student Activities, seeks nominations for the 1993 Senior Leadership and Service Awards and the 1993 Elizabeth D. Coney Award. The Senior Leadership Award is for graduating seniors who have made a outstanding contribution to campus life. The Coney Award is given to a graduating senior who has (1) exhibited outstanding contributions towards improvement and growth of students services and (2) exemplifies the qualities and ability to listen with understanding, guide without boundaries, give and take with love and grow with each passing day.

## **REMINDER**

The next faculty meeting is scheduled for Monday, May 3 at 9:00 in Endeavour 120. Give agenda items to Jeri by Wednesday, April 28.

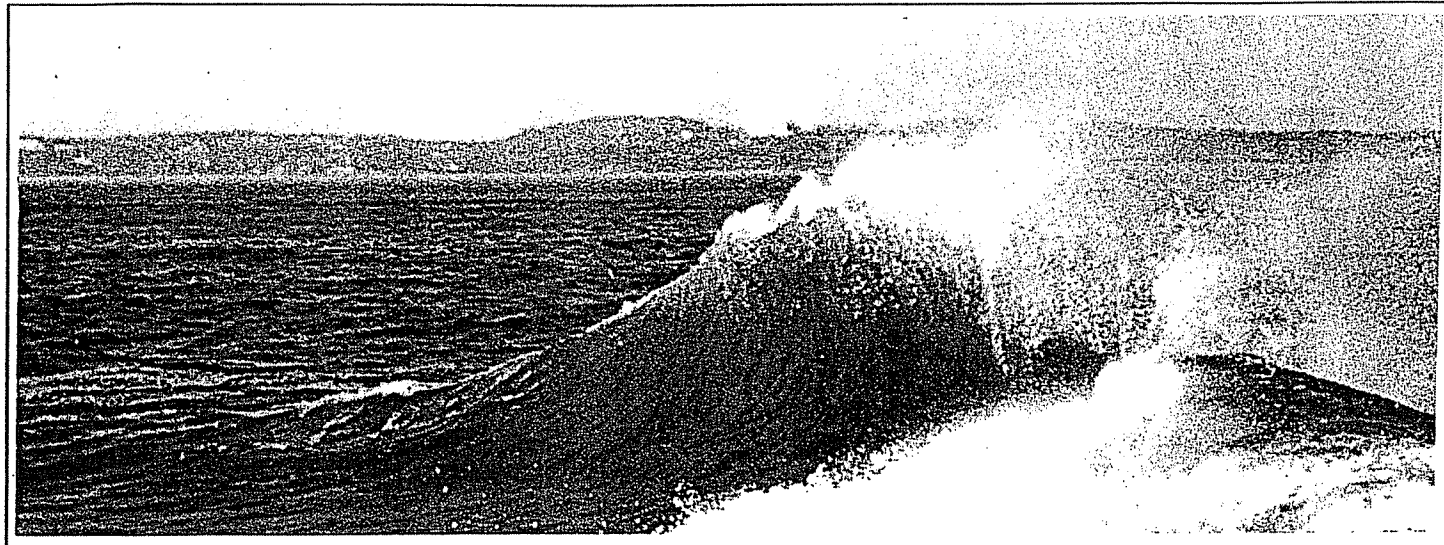


Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.14

April 26, 1993

## Schedule of Events April 26 - May 2, 1993

<b>MON</b>	0900	Faculty Meeting - Moved to May 10
<b>TUE</b>	1600	TAOS Seminar, Endeavour 120 "Sulfate Burdens over the North Atlantic and Adjacent Continental Regions: Evaluation with a Three-Dimensional Kinematic Model Using Observed Meteorology" Dr. Carmen M. Benkovitz, BNL
	1700	Soundings entries due
<b>WED</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Suspension-Feeding Fishes: An Empirical and Mathematical Analysis" Laurie Sanderson, VIMS
<b>THUR</b>		
<b>FRI</b>	1530	Friday Discussion Group Andrew Leising and Jeannette Yen, MSRC
	1900	International Student Dinner, Endeavour 120

## **SAD NEWS**

For those of you who have been at MSRC a long time, we received some sad news. Marge Sumner, who used to be Dr. McHugh's secretary for a number of years, died on Friday, April 23.

## **REMINDERS**

The faculty meeting has been moved to Monday, May 10 at 11:30. Lunch will be provided so be sure to RSVP to Gina by Thursday, May 6. Agenda items are due to Jeri by May 4.

State and Research Faculty and Research Staff should sign the appropriate rosters by the main office checkbox by May 10.

## **HOUSESITTER NEEDED**

I need someone to stay in my home for two weeks late June to mid July and take care of my wacky dog and multiple plants. I will provide food and a stipend. My house is centrally air conditioned, has a wooded backyard and a deck; and is in Shoreham about 25 to 30 minutes from the University. If you are interested, please see me. Jeri Schoof.

## **ATTENTION**

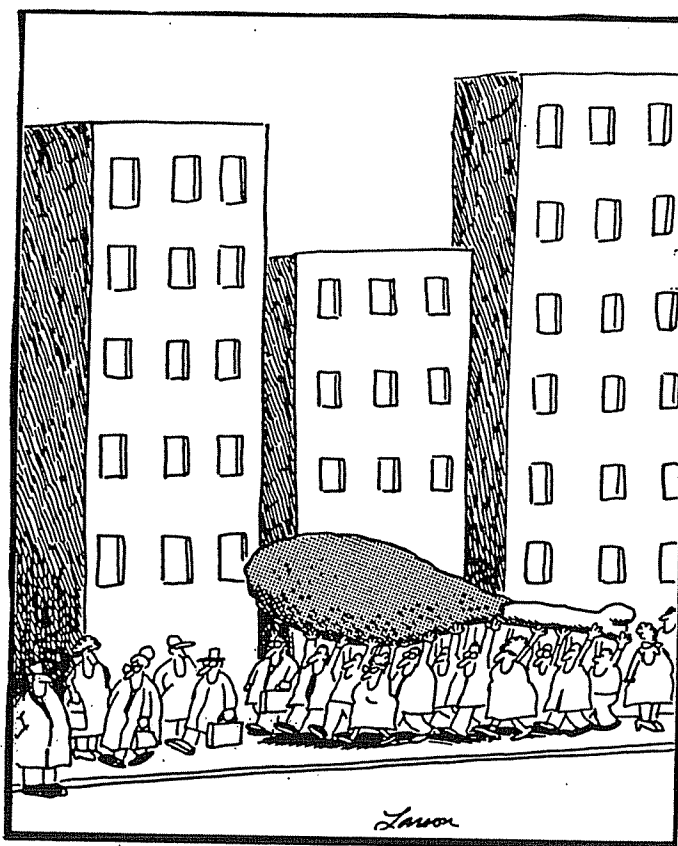
NPR (WSHU) Radio is having a series of articles on Long Island Sound every Thursday at 6:50 am and 8:50 am on "Morning Edition." The program will be repeated every Saturday at 10 am.



# INTERNATIONAL DINNER IS APPROACHING

MAY 7, 1993

7:00 PM



How social animals work together

HAVE YOU SIGNED UP TO MAKE FOOD ?

WE ALSO NEED ENTERTAINERS, SO IF YOU HAVE A  
TALENT, BRING THAT , TOO







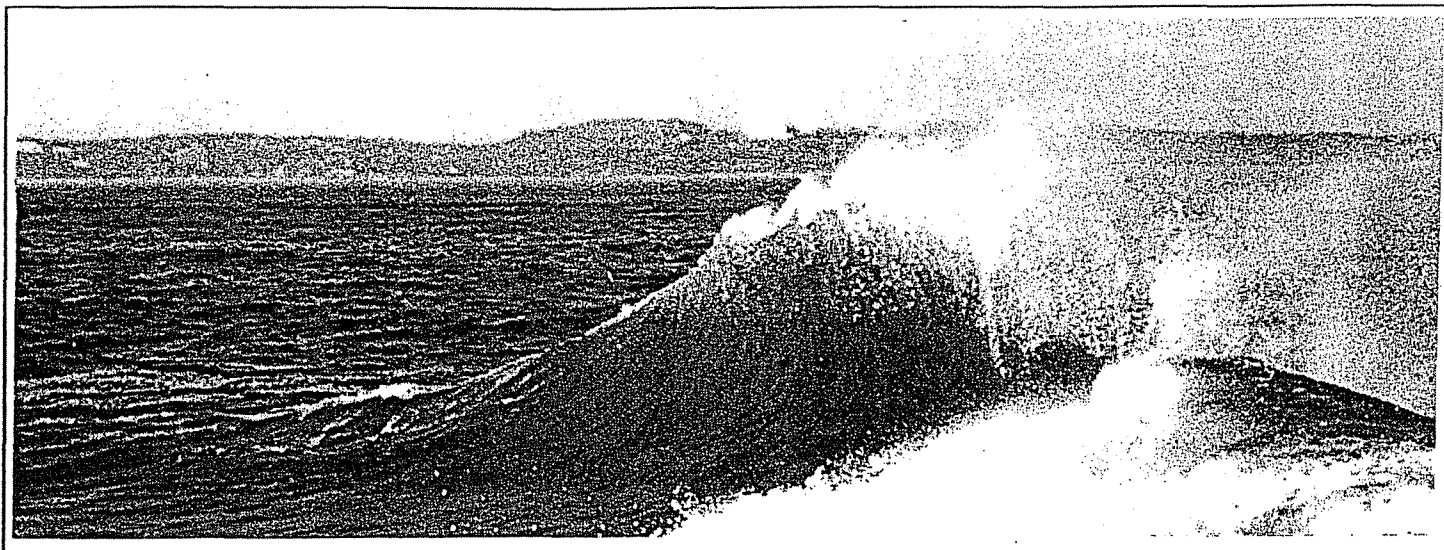


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No.14

MAY 3, 1993  
April 26, 1993

## Schedule of Events

April 26 - May 2, 1993  
MAY 3 - MAY 7, 1993

MON	0900	Faculty Meeting - Moved to May 10
TUE	1600	TAOS Seminar, Endeavour 120 "Sulfate Burdens over the North Atlantic and Adjacent Continental Regions: Evaluation with a Three-Dimensional Kinematic Model Using Observed Meteorology" Dr. Carmen M. Benkovitz, BNL
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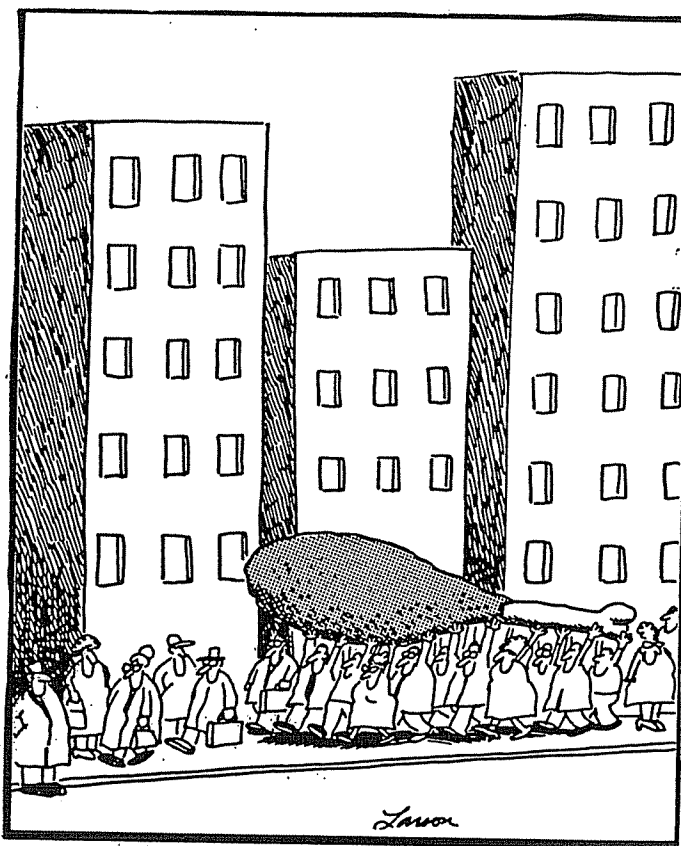
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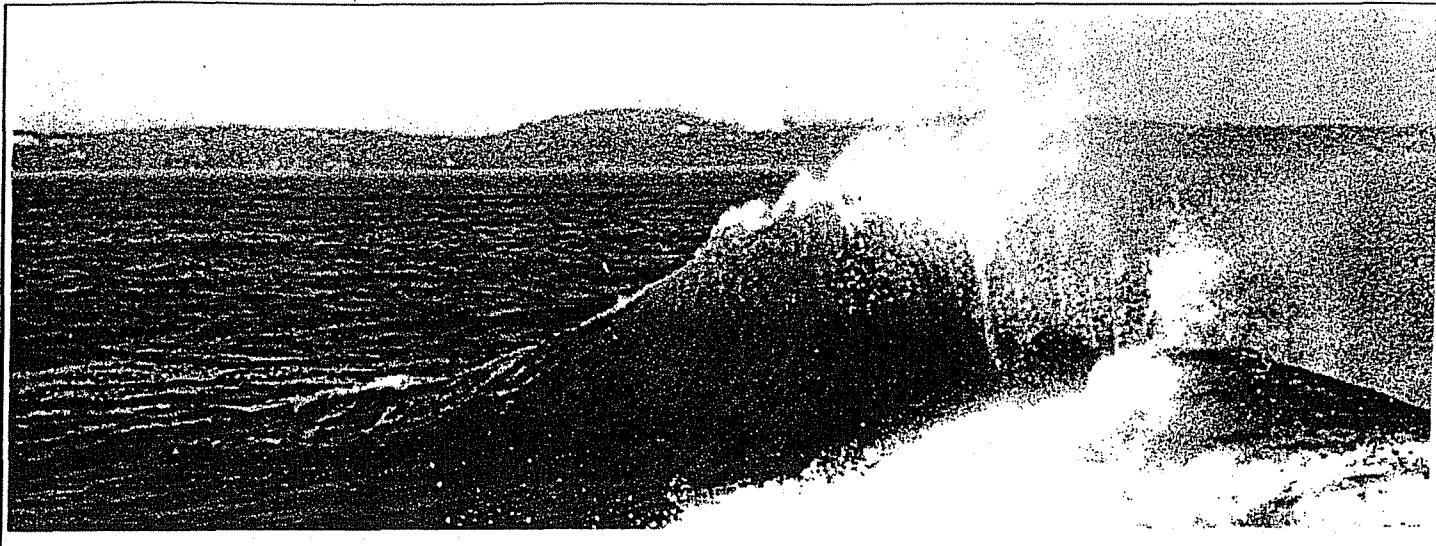


Photo by George Rowland

# ***MSRC SOUNDINGS***

Vol. VIII, No.15

May 17, 1993

## Schedule of Events May 17 - May 24, 1993

MON		
TUE		
WED		
THUR		
FRI		
SAT SUN		Commencement

## SUMMER SCHOOL FOR SOUNDINGS

Soundings will go on summer schedule after this issue. During the summer it appears monthly and is in your mailboxes the last week of the month.

Items for Soundings should be given to me by the 24th of May for the June issue. We will include student defenses and special seminars if the notices are typed (or at least neatly printed) and submitted by the deadline.

If you have suggestions for making Soundings more useful to you, let me know. I'll do my best to oblige all reasonable requests.

Jeri

## HOUSING FOR SUMMER INTERNS

Two undergraduate interns are seeking housing for two months in the summer. If you have space in your house, please let me know. Jeri Schoof

## EMPLOYMENT OPPORTUNITIES

The Three Village Central School District needs a marine biology assistant teacher July 1 - August 13. They will pay \$1200 for assistance during the mornings during that time period. Call Mrs. Weber at 474-7700 for more information.

The Waterways Experiment Station Environmental Laboratory in Vicksburg Mississippi seeks a Marine Biologist (Fishery Population Modeler). Deadline for application is June 15. Salary range \$33,623 - 40,298.

## NOMINATIONS FOR VICE PROVOST FOR GRADUATE STUDIES

Mary Scranton is chairing the Search Committee for the Vice Provost for Graduate Studies and is seeking nominations from within the University community. The successful candidate should be a tenured faculty member with a demonstrated commitment to graduate studies. CV's of nominated individuals should be sent to the Search Committee to the Provost's Office by May 21.

## FAX TIPS

The repairman told us the reason for the constant jamming of the fax is the rollers get dirty. He recommended only putting white paper through the fax (that means taking off the yellow second page of the transmittal form before transmitting) and not putting anything written pencil through. This will help decrease the dirt and residue that accumulates on the rollers and decrease down-time.

## FALL SEMINAR SERIES

We, seminar organizers, solicit for help in providing names of potential speakers for the Fall, 1993. Since our budget is tight, we are limited to invite speakers in our vicinity. Of course, you are quite welcome to give a (free) talk in MAR 580. In particular, we need a few speakers in the field of air-sea interaction and atmospheric problems somewhat relevant to marine sciences. Please leave the name of speaker, affiliation, and the subject of talk (if not the title of the seminar). Thus far the following dates are open: 9/1, 9/8, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/10, 11/17, 11/24, 12/1 and 12/8. Malcolm Bowman and Akira Okubo

## THANKS

Mr. Jim Brister joined the Center on 3 May as the new manager of the Flax Pond Marine Lab. Jim possesses on an extensive background in commercial and academic aquaculture, and in the design, operation and maintenance of seawater pumping and filtration systems. We are looking forward to Jim's advice and leadership as the Center undertakes to improve dramatically the facilities of the Lab over the next several years.

We extend our thanks to the Flax Pond Committee for their work in this recruitment. A special thanks goes to Steve Zahn, who has stood in as temporary manager of the Flax Pond Lab since the departure of Charles James last September.

Bill



12 May 1993

To: MSRC students, faculty and staff

From: Mary I. Scranton, chair, awards committee

Below please find an announcement of the 1993 competition for the Kenneth P. Staudte award and for the Ted H. Schubel award. We have not had much luck getting applications over the past few years. If response is poor this time as well, we will consider using the money for something else. *So please think about applying!!!* If you have any questions about whether your proposed work would be suitable for consideration for either of these awards, please contact Mary Scranton or other awards committee members (Breslin, Geller, Lonsdale, Nittrouer, Wilson).

If the committee judges that no high quality applications have been received, no awards will be given.

---

#### Kenneth P. Staudte Award

This award, given in memory of Kenneth P. Staudte, an alumnus of SUNY Stony Brook, is to facilitate innovative and important research which will contribute to the resolution of an environmental problem. Funds can be used for either field or laboratory studies, for either the MS or PhD degree. It is a competitive award and will be made on the basis of a short (3-5 page) proposal and a letter from the student's advisor. The proposal can be the student's approved thesis proposal to which has been attached a short budget. However, the following specific criteria will be used to evaluate proposal: a clear statement of the importance of the problem, evidence that the work can be completed successfully in a timely fashion, and evidence that the student is making a major personal contribution to development and completion of the project. (In particular, we are looking for evidence of originality and creativity on the part of the student, not the supervisor.) The deadline for applications will be 7 June 1993.

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#### Ted H. Schubel Award

This award is made annually to assist an outstanding student in the conduct of her/his field work. The award is for \$500 and must be used in support of field activities associated with the student's thesis research, either MS or PhD. It is a competitive award and will be made on the basis of a short (3-5 page) proposal and a letter from the student's advisor. The deadline for applications will be 7 June 1993.

12 May 1993

To: MSRC Faculty and Students  
From: MSRC Awards Committee  
Subj: Upcoming 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 1993 but before 1 September 1993.
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.
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.



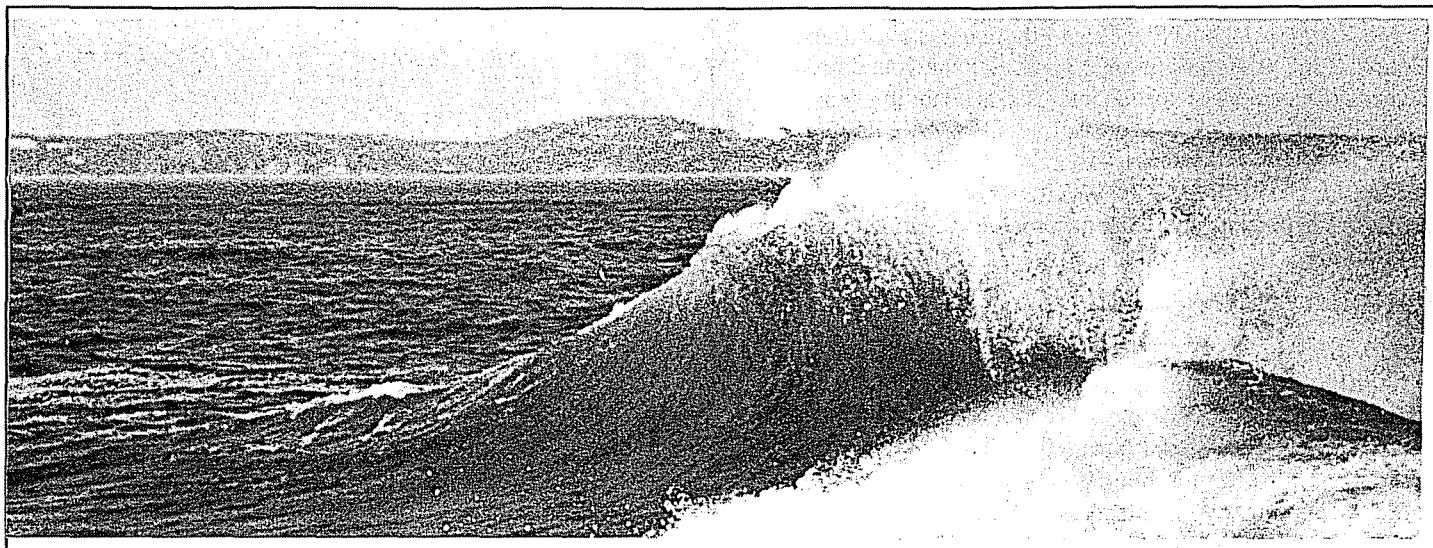


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No. 16

August 30, 1993

## Schedule of Events August 30- September 3, 1993

<b>Monday</b>		
<b>Tuesday</b>	1700	Soundings entries due to Jeri Schoof
<b>Wednesday</b>	1200	MSRC Weekly Seminar, Endeavour 120 "Signals in Atmospheric Variability—Real or Random" Sultan Hameed, MSRC/ITPA
<b>Thursday</b>	1300	Faculty Forum on the Teaching Lab, Endeavour 120
<b>Friday</b>	1500	New Student Welcoming Picnic, Volleyball Court

**WELCOME**

A warm welcome to our students—new and returning!

## JOB REFERENCE SERVICE

The Mississippi Alabama Sea Grant Program has established a Coastal Zone '93 Job Reference Service. Send your current resume and statement of special interests, availability, geographic location desires, etc. to Ms. Laura Howorth, Esq., Mississippi-Alabama Sea Grant Program, U. of Mississippi Law Center, University MS 38677. It will be filed in a prospective applicants notebook for prospective employers to examine.

## BLOOD DRIVE

Last April MSRC coordinated the first South Campus Blood Drive and it was very successful. We will hold a second blood drive on Friday, December 17, from 9-2:30 in Endeavour 120. The holidays are always a time when blood is critically needed. Please mark your calendars. You will be contacted sometime in the fall to pledge a very special gift—a pint of blood so someone else may live.

## COPIER NOTES

Please be sure to hit the \* and C buttons simultaneously on the copier to close out your account after you have finished using the copier.

Please keep paperclips and staples away from the copier. If they fall inside they will destroy the drum and that is a MAJOR REPAIR EXPENSE and means that you will be without a copier for a number of days.

Do not place transparencies in the lower drawer of the copier. They are to go in the upper drawer only and be sure to use only transparencies made for the Kodak copier. If in doubt, please see either Laura in the Grad Programs Office or Joanne in the Main Office for transparencies.

Close the cover on the copier when making copies. If copying from a book, close the cover as much as you can. Leaving the cover ajar causes too much toner to spill into the copier and leads to dirty copies.

## A/V EQUIPMENT NOTES

If you remove slide projectors from the A/V cabinet in the supply room, please be sure to sign them out and to return them when you are finished with them.

Do not remove overhead and/or slide projectors from classrooms and conference rooms. They are assigned to particular rooms and are to remain in them.

If you have a problem with a malfunctioning projector, please let the Main Office know so we may arrange for repairs.

When you have finished showing slides, be sure to allow the fan to run on the projector for a couple of minutes after you turn off the projector's light in order to permit the projector to cool down. If you turn the projector completely off immediately, you will damage it.

## LONG ISLAND ENVIRONMENTAL Writers Festival

On Saturday, October 16,  
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writers festival.

*The program will include*

Louis Simpson,  
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Donald Axinn,  
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Dennis Puleston,  
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*The registration fee* which includes the program, breakfast, lunch, reception, and local seafood dinner is \$45.00 for non-students, \$25.00 for students.

**MSRC will offer three student scholarships to this festival.**

*To apply for the scholarship*, please write a one paragraph statement explaining why you think this festival would be helpful to you and submit it to Jeri Schoof by Friday, September 17. Winners will be notified by Friday, September 24.

## ROGUES GALLERY UPDATE

If you are a new student, Faculty or Staff member, be prepared to have your picture snapped at the New Student Welcoming Picnic on Friday. If I miss you at the picnic, please stop by my office to make an appointment to get one taken.

Lori Palmer  
MSRC  
Graphic Arts Department  
Endeavour 109  
2-8678

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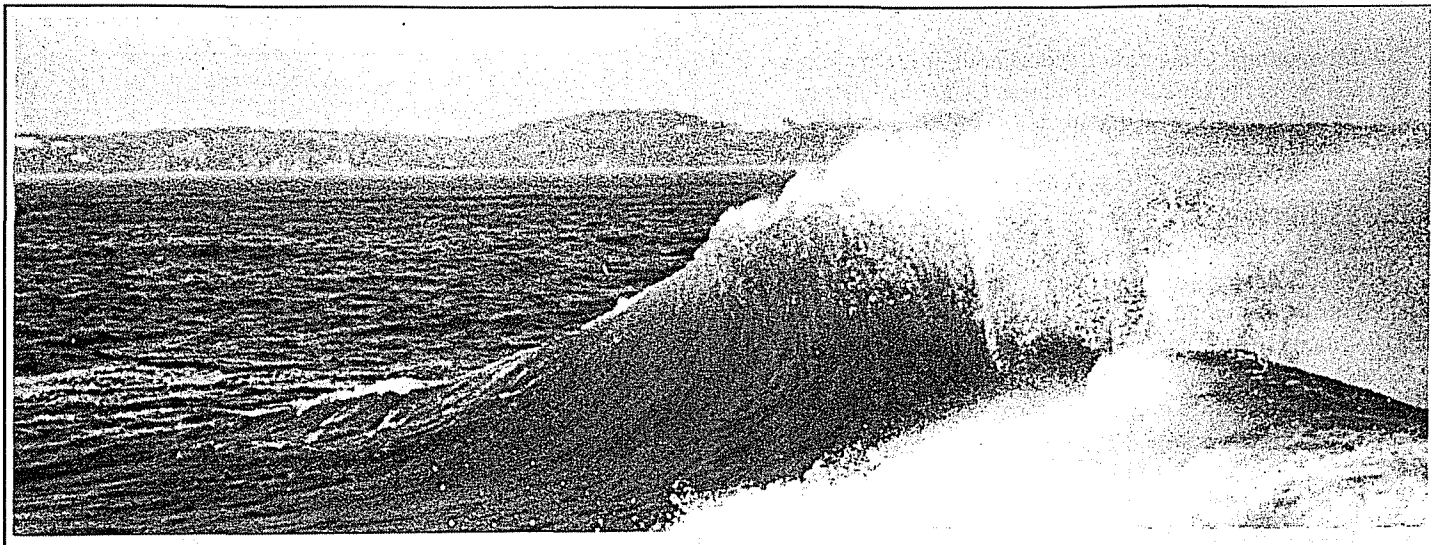


Photo by George Rowland

# MSRC SOUNDINGS

Vol. VIII, No. 17

September 6, 1993

## Schedule of Events September 6 - 12, 1993

Monday		Main Office Closed for Labor Day
Tuesday	1700	Soundings entries due to Jeri Schoof
Wednesday	1200	MSRC Weekly Seminar, Endeavour 120 "Bay scallop recruitment and predator-prey dynamics in eelgrass meadows" Monica Bricelj, MSRC
Thursday		
Friday	1100	TAOS Weekly Seminar, Endeavor 120 "Deep circulations of the worl's ocean" Peter Weyl, MSRC
	1530	Friday Discussion Group, Challenger 163 "Life as a Submarine Captain" Alan Chaloupka, a Submarine Captain

## CONFERENCES

13th International Congress of Biometeorology, September 12-18, 1993 at the Calgary Convention Centre in Alberta, Canada. Program is available in the Main Office.

## TIMESHEETS

The Payroll Rosters for State Faculty and Research Faculty and Staff for the month of August are next to the checkbox in the Main Office. These must be signed by September 10. State staff should return their "303's" to Jeri by September 10. Failure to comply may result in payroll holding your check until you do comply.

## TRAVEL VOUCHER ASSISTANCE DESK

Muriel Zito (or another representative) from the University's Travel Office is here on alternate Wednesday afternoons to assist individuals with completion of travel reimbursement vouchers—research and State. She also will answer questions about procedures and per diems to help you plan a forthcoming trip. She is not a travel agent so she will not make reservations or quote flight costs. You can find her in Room 121 between 2 and 4 on State paydays (September 11, 25, October 6, etc. She is a pro at filling out the vouchers and knows what will and will not be approved. You will save yourself a lot of time and aggravation if you seek her assistance before you submit your next travel voucher.

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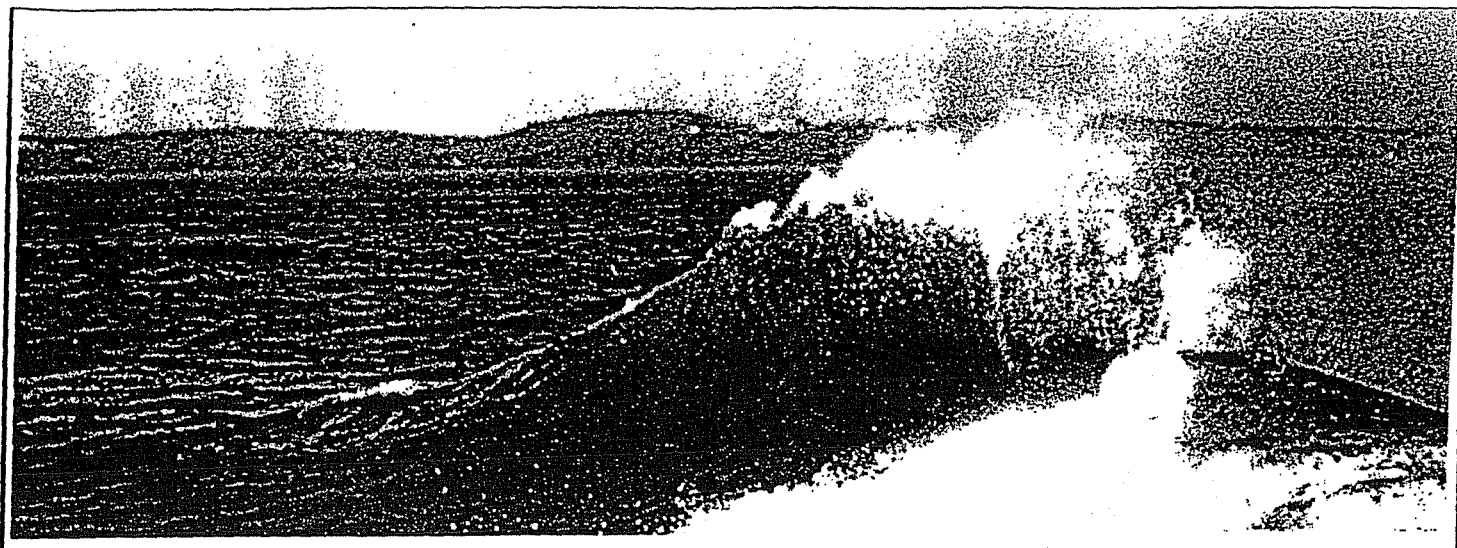
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VOLUME VIII, No. 19

Photo by George Rowland

# MSRC SOUNDINGS

September 20, 1993

## Schedule of Events

September 20 - 26, 1993

Monday		
Tuesday	0915 1700	Executive Committee, Endeavour 113 Soundings Entries Due to Jeri
Wednesday	1200	MSRC Weekly Seminar, Endeavour 120 "MSRC Science and LISS Management Strategies" Mark Tedesco, EPA-LISS Office
Thursday		
Friday	1130  1530	TAOS Weekly Seminar, Endeavor 120 "Accurate Measurements of Sea Surface Temperature from Space" Peter Minnett, BNL  Friday Discussion Group, Challenger 163 "New Release of the NCAR Community Climate Model" Minghua Zhang, MSRC/ITPA

## **USB Hunger Task Force Food Drive**

Bill Wise and Janice Barone's office (Discovery 155) will be the local food drop location for MSRC's participation in the USB Hunger Task Force's ongoing food drive. Suggested items to donate are:

Pasta  
Spaghetti Sauce  
Macaroni and Cheese  
Canned Lo-Salt Vegetables  
Canned Juice  
Peanut Butter  
Cereal  
Baby Food/Juice  
Diapers  
Deodorant  
Toothpaste  
Disposable Razors

Rice  
Canned Meals (e.g. Ravioli, Tuna)  
Chunky Soups  
Canned Lite Fruit  
Tea/Coffee  
Jelly  
Powdered Milk  
Baby Formula with Iron  
Toilet Paper  
Shampoo  
Soap  
Personal Items

That this is an ongoing drive reflects the persistent poverty and hunger that afflict too many Long Islanders, particularly children. Caring persons, MSRC folk have a history of contributing generously to help the less fortunate among us. We urge you to continue to do so through this important food drive. Thanks.

## **Over The Maximum Lodging Requests**

The Travel Office has been recently notified by the Office of the State Comptroller that effective September 1, 1993, lodging in excess of the allowable rates will no longer be considered for approval unless the request has been submitted at least four weeks prior to the commitment to attend a non-state conference.

Please contact Muriel Zito in the Travel Office at 2-6022 with questions or assistance in the preparation of over-the-maximum lodging requests.

## **Notices**

The first faculty meeting of the academic year will be Friday, October 1st at 1:00 p.m. in Endeavour 120. Please give agenda items to Jeri by Monday, September 27th.

Found (in Dana Hall) Heavy hoop earring for pierced ear. Contact Eric Schultz, Dana 108, 2-8796.



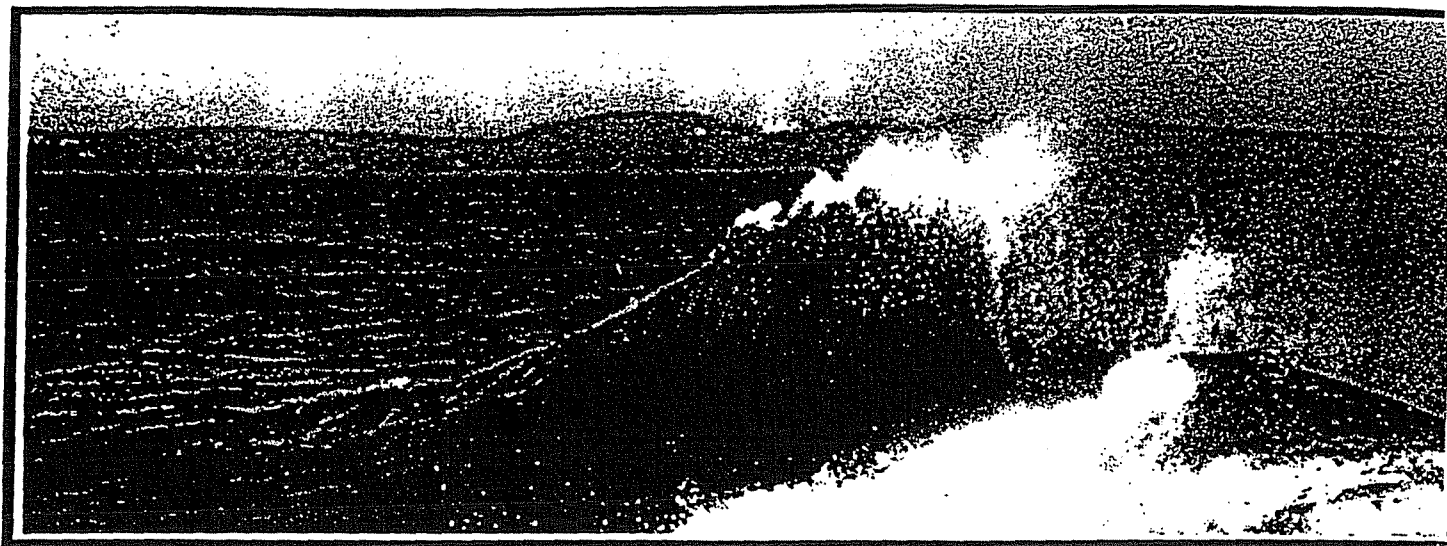
### ■ 'Polluter pays' principle applied to water cleanup

The chairman of the House Committee on Merchant Marine & Fisheries, Rep. Gerry E. Studds (D-Mass.), has introduced legislation, H.R. 2199, that would require many of those who pollute the nation's waterways to help pay the \$155 billion EPA estimates is needed to clean them up. The bill, designed to raise \$4 billion annually, would impose a tax ranging from 6 cents to \$63 per lb on discharges of 307 different chemicals, based on their toxicity. The greater the toxicity, the higher the tax. The tax rate would automatically be adjusted each year for inflation plus 3% to encourage pollution prevention measures. The nitrogen and phosphorus content of fertilizer would be taxed at a rate of 0.845 cents per lb, active ingredients in pesticides at 24.27 cents per lb, and processed animal feeds at a rate of \$2.68 per ton. Industrial and commercial consumers would pay a tax of 1.95 cents per 1000 gal of water used. All the taxes collected would be funneled into a clean water trust fund. Studds' committee, which has jurisdiction over the Clean Water Act, is expected to hold hearings on the bill this month.

### ■ New York State in trouble with EPA

EPA Administrator Carol M. Browner has written a letter to New York Gov. Mario M. Cuomo reminding him that the state needs to pass new legislation authorizing an operating permits program for pollution sources under the 1990 Clean Air Act. New York has until Nov. 15 to submit a detailed plan for the program. The state is already under the threat of federal sanctions for failing to submit to EPA a plan to control ground-level ozone and other pollutants. Cuomo cannot devise a plan, however, because the state legislature has not given the state authority to do so. The legislature is apparently concerned about the high costs of a program to reduce air pollutants—up to \$20 per ton. EPA can withhold federal highway funds from states that fail to meet regulatory deadlines, and Browner indicates in her letter that she intends to use such sanctions in New York's case.





Vol. VIII, No. 20

September 27, 1993

# MSRC SOUNDINGS

## *Schedule of Events* September 27 - October 3, 1993

### Monday

Tuesday	1700	Soundings Entries Due To Jeri
	1200	Open House Organizational Meeting, Endeavour 120
Wednesday	1200	MSRC Weekly Seminar, Endeavour 120 Steve Chiswell, University of Hawaii/NZOI
Thursday	1700	Research Funded Students Must Have Signed The Roster in Endeavour 107
Friday	1130	TAOS Weekly Seminar, Endeavour 120. "El Nino Prediction and Predictability" Mark Cane, Lamont-Doherty
	1300	Faculty Meeting, Endeavour 120
	1530	Friday Discussion Group, Challenger 163 "What In The World Is An Iron Trail?" Harmut Peters, MSRC

## UPCOMING EVENTS

Paul Smith, from the Southwest Fishery Center of NOAA, La Jolla, and Adj. Professor at the Scripps Institution of Oceanography, will give a talk on Wednesday, October 6 at Noon in Endeavour 120. The title will be: 'Long Term Changes in Pelagic Fish Populations and GLOBEC Trophic Models.'

Paul will be leaving after the talk to go to another meeting. Therefore, he will not be available for discussion then. However, he is arriving at 3:30 on October 5 and he has expressed marked interest in talking with MSRC faculty and students during that afternoon or the morning of the 6th. If you are interested in meeting with him, or in going out for coffee in mid-morning of the 6th, please leave a message in Alessandra Conversi's mailbox.

Environmental Writer's Festival, **October 16 and 17**

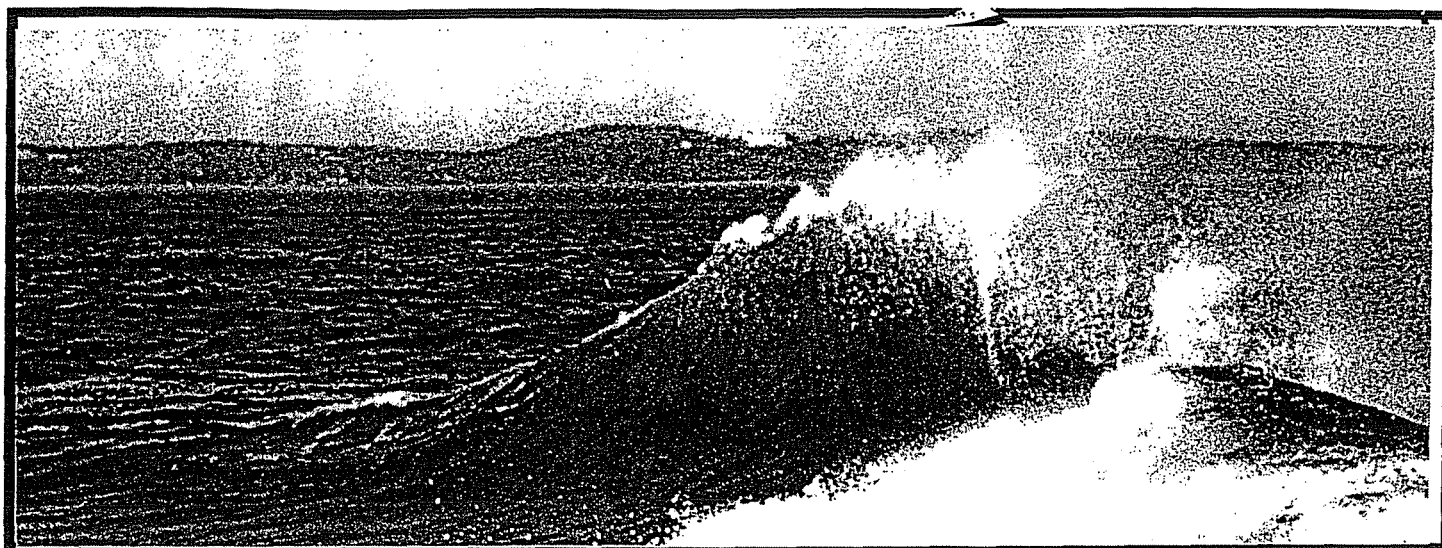
MSRC Open House, **October 23** (The next organizational meeting is scheduled for Tuesday, **September 28** at noon in Endeavour 120. We will provide pizza and coke for lunch.)

## TIMESHEETS

The Payroll rosters for state faculty and research faculty and staff for the month of September are next to the checkbox in the main office. These must be signed by October 10. State staff should return their "303s" to Jeri by October 10. Failure to comply may result in payroll holding your check until you do comply.

### ■ Arctic pollution declines during past decade

Springtime measurements of pollutants in the Arctic have declined significantly in the past 10 years, according to studies by the National Oceanic & Atmospheric Administration (NOAA). The decrease in the Arctic haze appears to be caused by declines of industrial output in the former Soviet Union and by less pollutants being emitted from European factories. Earlier studies showed that Arctic pollution is due, at least in part, to long-range transport of pollution from industrial regions, particularly Eurasia and, to a lesser extent, North America. Pollutant decreases of up to 50% have been observed since 1982 for the months of April and March at the NOAA Climate Monitoring & Diagnostics Laboratory in Barrow, Alaska. Scientists were concerned that Arctic warming due to pollutant haze could contribute significantly to global warming trends, but now they think that this potential effect may be reduced about 50%.



Vol. VIII, No. 21

October 4, 1993

# MSRC SOUNDINGS

## *Schedule of Events October 4- 12, 1993*

Monday

Tuesday 1700 Soundings entries due to Jeri Schoof

Wednesday 1200 MSRC Weekly Seminar, Endeavour 120  
"Long Term Changes in Pelagic Fish Populations and GLOBEL Trophic Models"  
Paul Smith, Southwest Fishery Center,  
Lajolla, CA

Thursday 2000 USB Poetry Center, 195 Humanities  
"The Poem: A Celebration"

Friday 1100 TAOS Weekly Seminar, Endeavour 120  
"Effects of Cloud-Radiative Forcing on the Atmospheric Response to SST Anomalies"  
Minghang Chan, MSRC/ITPA

1530 Friday Discussion Group, Challenger 163  
"A fluid dynamic model of the copepod feeding current"  
Melanie Stein, MSRC

1700 Deadline to submit State timesheets or  
sign the research and State faculty/staff rosters.



## **INTERNSHIP AVAILABLE**

**1993-94**

The New York State Department of Environmental Conservation's (NYSDEC) Hazardous Waste Remediation Citizen Participation Unit has an opportunity for an intern to assist in the development and utilization of a computerized database. The intern will design and create the database, manipulate and utilize it to generate reports, review external submissions, and produce mailing labels for the public that is interested in or affected by hazardous waste sites in Nassau and Suffolk counties. Fox Pro will be the software used. Though this assignment clearly has relevance to environmental protection, the bulk of the project will involve computer applications. There also may be an opportunity to engage in other activities with more of a community relations research and outreach component. The internship(s) will be supervised by NYSDEC Hazardous Waste Citizen Participation Specialist, Dr. Joshua Epstein. Specific hours, responsibilities, course work and/or credit, and other arrangements, will be worked out between Dr. Epstein, the intern's professor, and the intern. Please call Dr. Epstein at (516) 444-0249 for further information.

## **MABPOM'93**

**Date: 5 - 6 November 1993**

**Place: Dept. of Marine, Earth and Atmospheric Sciences  
North Carolina State University  
Raleigh, North Carolina**

The MABPOM'93 (Mid-Atlantic Bight Physical Oceanography and Meteorology) Meeting will be sponsored by the Department of Marine, Earth and Atmospheric Sciences of North Carolina State University. *The focus of this year's meeting will be on ongoing and planned research in the vicinity of Cape Hatteras, North Carolina. While the focus of the meeting will be on Cape Hatteras, all attendees are invited to present a short description of their project activities (to facilitate discussion, you are encouraged to select a project representative).*

## VISITING SCHOLAR SERIES

The Department of Marine Sciences at the University of Connecticut sponsors a Visiting Scholar Series. This fall the visiting scholar is Dr. Thomas Kiorboe, of the Danish Institute for Fisheries and Marine Research, who will be at the Avery Point Campus (Groton) from 4-8 October. Dr. Kiorboe will present three talks (schedule below) and will be available for consultation. Dr. Hans Dam will be the host for this visit and can be reached at (203) 445-3480. Everyone is welcome to attend the seminars.

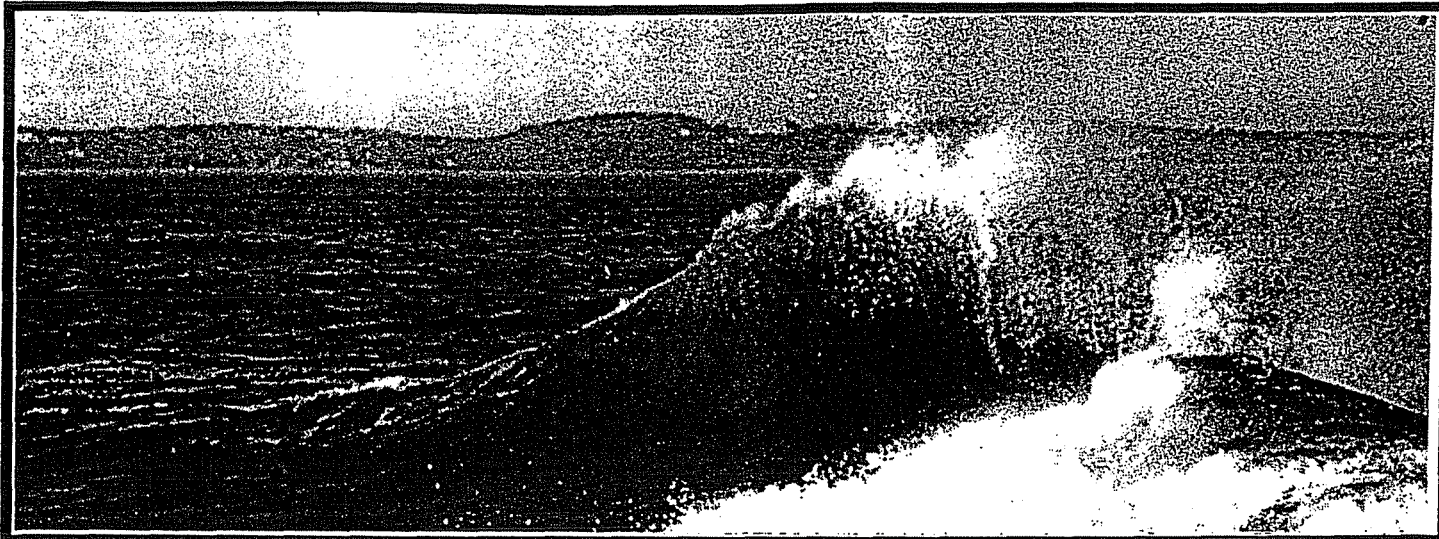
### Schedule of talks:

- 1) Hydrodynamic control of pelagic food web structure.  
Monday, Oct. 4, 11:00 a.m. (coffee and donut served at 10:30 a.m.)
- 2) Planktivorous feeding in a turbulent environment.  
Wednesday, Oct. 6, 12:15 p.m. (brown bag seminar--bring your own lunch).
- 3) Particle aggregation and sedimentation processes in the marine environment.  
Friday, Oct. 8, 3:00 p.m. (coffee and donuts served at 2:30 p.m.).

All talks will be presented at the Sung Y. Feng Seminar Room (222) in the Department of Marine Sciences Building, University of Connecticut, Avery Point Campus, Groton.

PLEASE POST AND CIRCULATE AMONG COLLEAGUES AND STUDENTS





Vol. VIII, No. 22

October 11, 1993

# MSRC SOUNDINGS

## *Schedule of Events October 11- 17, 1993*

Monday

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Tuesday

1700

Soundings entries due to Jeri Schoof

Wednesday

1200

MSRC Weekly Seminar, Endeavour 120  
 "Hydrodynamic and water quality impacts of the East River Tide Gates"  
 John St. John, Hydroqual Inc., N.J.

Thursday

---

Friday

1100

TAOS Weekly Seminar, Endeavour 120  
 "Data Assimilation Models"  
 Keith Thompson, Dalhousie

## CONGRATULATIONS

We congratulate Jeanne Gulnick as 2nd place female finisher in the Yankee Trader Biathlon. Honorable mentions go to Mark Green, Beth Lamoureaux, Kristin Romans and Joel Bruhn who also ran in this event.

## NSF PRESIDENTIAL FACULTY FELLOWS NOMINATIONS

NSF has announced a November 9 deadline for receipt of institutional nominations for the FY 1984 Presidential Faculty Fellows Program. Awards are intended to allow fellows to undertake self-designed innovative research and teaching projects, and to pursue related activities early in their academic careers. They carry a grant of \$100,000 per year for five years. Tenure track faculty who are U.S. citizens or permanent residents holding a Ph.D. awarded between 1/1/86 and 1/1/93 are eligible.

## AVAILABLE IN MAIN OFFICE

The Geological Society 1994 Publications Catalog

Hudson River Foundation Call for Proposals

1993 SETAC Program Announcement for Minorities in Environmental Toxicology and Chemistry

## WELCOME

John Mackey has joined the secretarial staff of the Main Office. He will handle the faxes, supplies, copiers and afternoon mail along with a number of other tasks. Please stop by and introduce yourself and make John feel welcome.

## LAST CALL

Faculty and staff who have not signed the research and/or state roster or submitted a "303" for September have until Monday to do so. Rosters and 303's will be delivered to Payroll Tuesday.

## OCTOBER 27 SEMINAR

*On Wednesday, October 27, the MSRC weekly seminar will be held in the Dental School auditorium. They do not permit food or beverages in the room so you will need to eat your lunch before or after you go to seminar but NOT in the auditorium. The Ocean Dumping Symposium is being held in our conference room that day and the Dental School was kind enough to allow us to use theirs for this seminar. Please be sure you leave the room in the same or better condition than you found it. We would like to be able to use the room again if necessary.*

## SEFA/UNITED WAY

*The State Employees Federated Appeal/United Way campaign starts on October 15. MSRC faculty and staff have been historically the most generous single unit on campus. Last year we contributed \$3,800. Bill Wise and I are serving as the MSRC "captains" for this year's campaign. We've set as our goal \$4,000. Please remember that a pledge of 50¢ per pay period is NOT too little. The campaign will run from October 15 to November 19. Watch Soundings for updates.*

## MISSING SPECIAL PARKING PERMITS

*At one time we had three special parking permits for use on Main Campus when running errands. All three have disappeared. We have requested new ones. University police will register the old permits as missing property. If one of these old permits is found in a vehicle, the car will be immediately impounded and the owner will be considered to be in possession of stolen property. If you have one of these permits or find one, please do not use it effective Friday, October 8.*

## NEXT FACULTY MEETING

*~~The next faculty meeting will be November 4, not November 9 as previously announced. It will be at 2:30 in Endeavour 120. Agenda items should be given to Jeri by Thursday, October 28.~~*

## DISCOVERY HALL KITCHEN

*In order to accommodate lab space for a new faculty member, Sergio Sanudo, we will need to renovate the Discovery Hall kitchen. In order to minimize the impact on those who use that kitchen, a microwave, refrigerator and the coke machine will be added to the Discovery Lounge. The stove and sink will no longer be available once the renovation begins.*

*We do plan to incorporate a full service kitchen into future renovation plans for Dana. There will be a period of time though that there will not be a stove in service.*

## IMPORTANT NOTICE

*If we are unable to keep all exterior doors closed and locked evenings and weekends, locks will be changed by Public Safety and only faculty and staff will have keys.*

## VOLUNTEERS!

*We need faculty and staff to help MSRC's 2nd annual Open House on Saturday, October 23. Especially needed are volunteers to set up on Friday, October 22 and to shepherd guests (there may be nearly 1,000 like last year). People are needed at the information booth to hand out maps, to announce video showings, to keep crowds from clogging corridors, and in general to aid those putting on demonstrations and displays.*

*For a list of activities planned and who is doing what, please see Trudy Bell. Also see special request in this issue from Bill Wise.*

*Free lunch from the food vendor on Saturday for all volunteers.*

## SEMINAR OPENING

*Wednesday, October 20 has opened up. If you have suggestions for a speaker, contact Malcolm Bowman or Akira Okubo.*

## **JOB VACANCY: RESEARCH SUPPORT SPECIALIST, MSRC**

Salary Range: \$22,000-\$25,000 to start; part-time position also possible. Available as soon as possible. Deadline for applications is November 1, 1993.

*Brief Description of Duties:* Laboratory technician working with cultures of marine microorganisms. Responsibilities include maintenance and routine transfer of cultures; participation in experiments on the bioaccumulation and depuration of metal radioisotopes in marine organisms; microscopy; gamma and beta counting of samples; CHN analysis; regular decontamination and washing of glassware and laboratory apparatus; general laboratory maintenance; some field work expected.

*Qualifications:* Bachelor's degree; experience handling radioisotopes and performing routine chemical analyses a plus.

*Applicants should send a resume and names of three references to:*

Professor Nicholas S. Fisher  
Marine Sciences Research Center  
State University of New York  
Stony Brook, NY 11794-5000

Women and minorities are strongly encouraged to apply. The University at Stony Brook is an equal opportunity/affirmative action educator and employer.

## **FOOD DRIVE**

Last week's (9/27-10/1) Hunger Task Force food drive collection -- 1/4 collection box.

## **FLAX POND LAB FORUM**

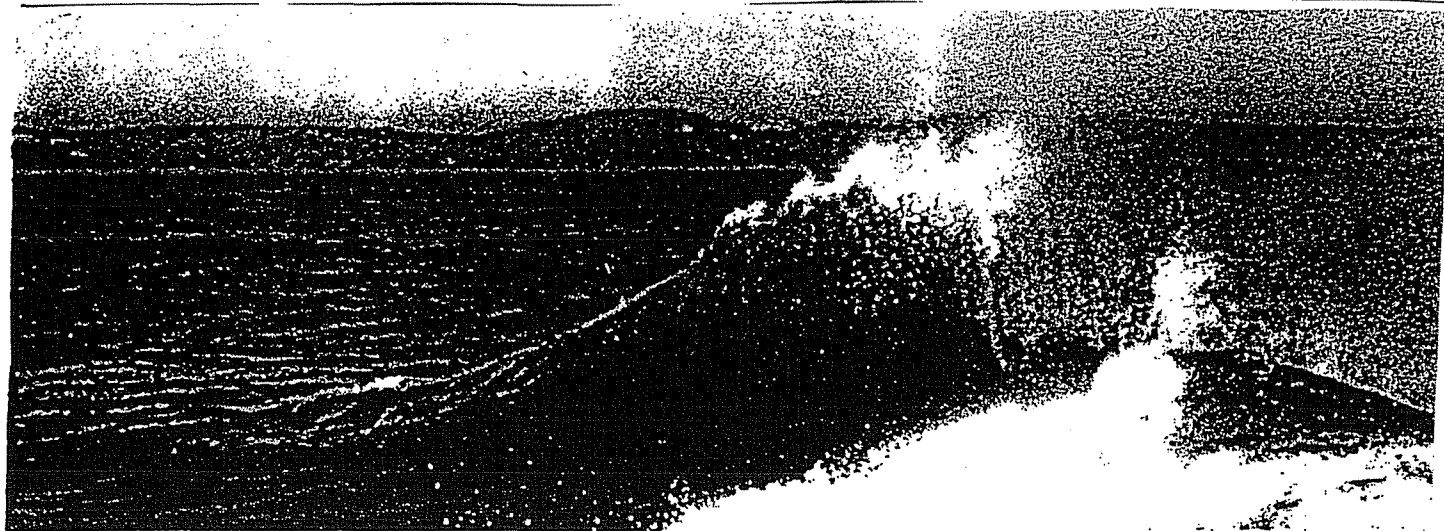
In the continuing series of forums designed to assess and plan for the future development of the Center's various research and instructional support functions, the Flax Pond Lab forum will be held from 4:30-6:30 p.m. in Endeavour 113 on October 21, 1993. All interested persons are encouraged to attend. Pizza and soft drinks will be served.

## GSO SENATORS NEEDED

Two graduate students from MSRC are needed to represent our department as Senators in GSO, the Graduate Student Organization. GSO works on issues important to all graduate students ranging from the allocation of Federal Work Study money to the construction of the new Graduate Student Lounge to the search for Stony Brook's next President. Serving as a GSO Senator is an excellent way to obtain experience with University policy and affairs, and provides an opportunity to voice the concerns and interests of MSRC's graduate students. If you are interested in being one of the Senators, please see Rob Cho or leave a note in his mailbox.

## OPEN HOUSE ORGANIZATION MEETING

The final Open House organization meeting is scheduled for Monday, October 18th at 1:00 p.m. in Endeavour 120.



Vol. VIII, No. 23

October 18, 1993

# MSRC SOUNDINGS

## *Schedule of Events October 18- 24, 1993*

Monday

Tuesday

16:15

TAOS Seminar, Harriman Hall 137  
"VARS satellite sensing of atmospheric winds"  
Paul Hays, University of Michigan

1700

Soundings entries due to Jeri Schoof

Wednesday

1200

MSRC Weekly Seminar, Endeavour 120  
"Hyperthermophiles: the origin of life"  
Yaeko Masuchi, Center for Marine Biotechnology,  
University of Maryland

Thursday

Friday

1530

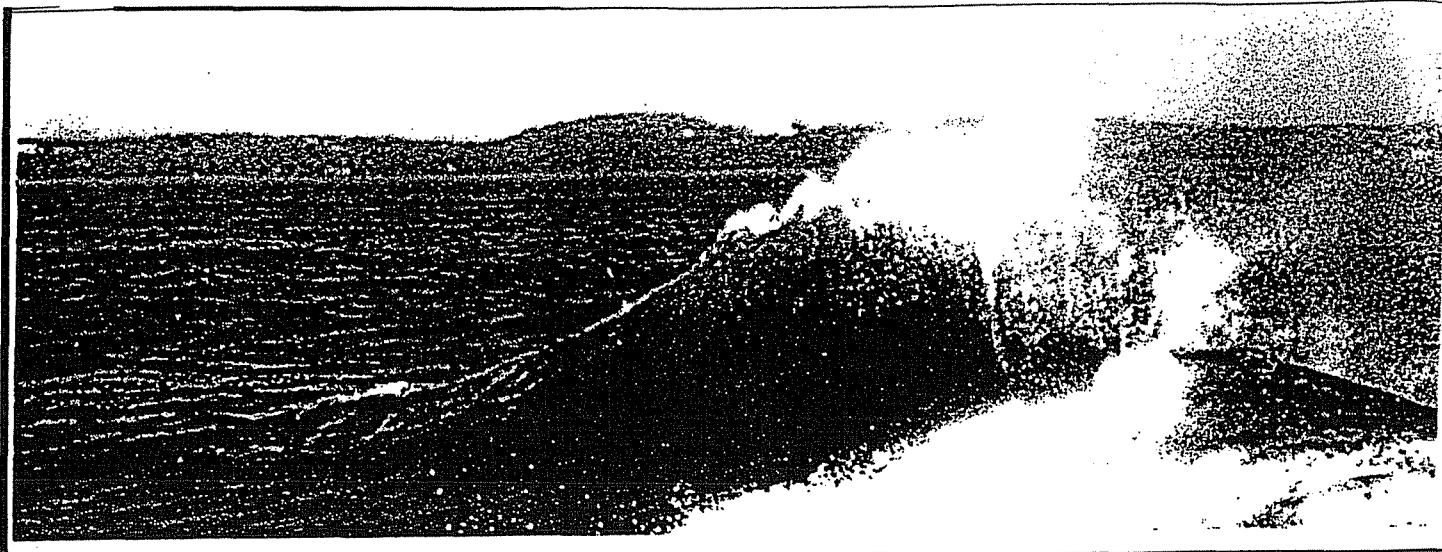
Friday Discussion Group, Challenger 163

12 October 1993

Entry for "Soundings"

**Last Week's (10/04-10/8) Hunger Task Force Food Drive Collection - 3/4  
Collection Box.**





Vol. VIII, No. 24

October 25, 1993

# MSRC SOUNDINGS

## Schedule of Events October 25-31, 1993

Monday

Tuesday 1700 Soundings entries due to Jeri Schoof

Wednesday 1200 MSRC Weekly Seminar, Dental School Auditorium  
"Eddy shedding in the Gulf of Mexico"  
Charles Lin, McGill University

Thursday 1530 Executive Committee Meeting, Endeavour 113

Friday 1530 Friday Discussion Group, Challenger 163  
"Beneath the Southern Cross-  
a cruise on the Benguela"  
Peter Woodhead and Mark Reiss, MSRC

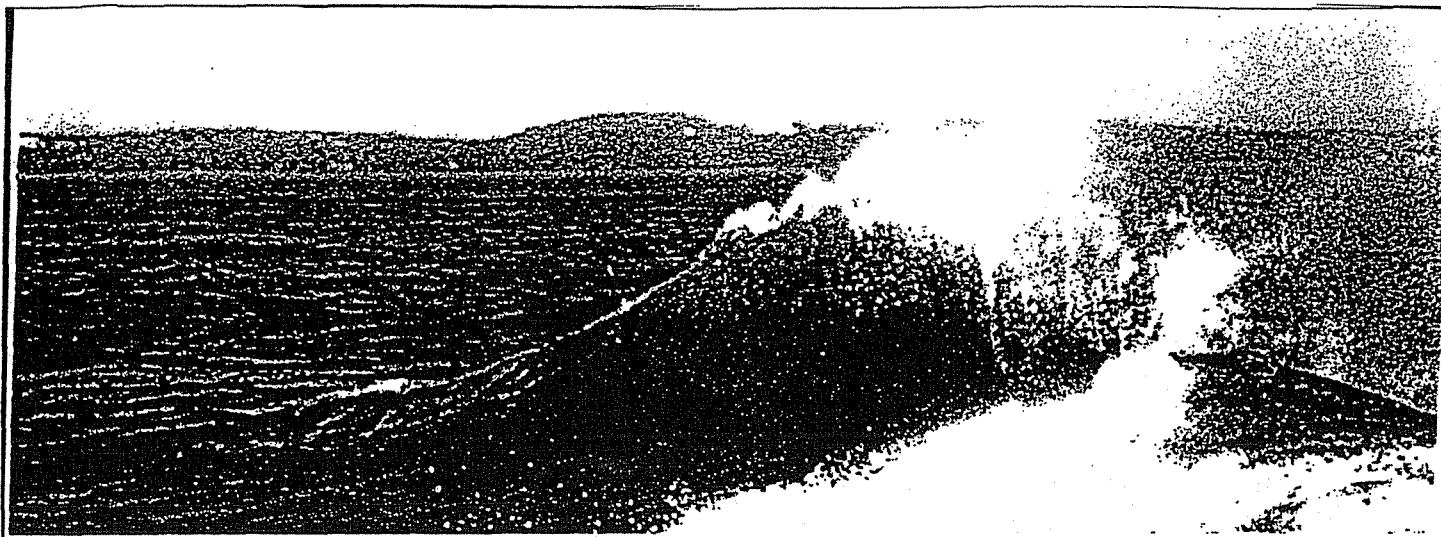
### **EMPLOYMENT OPPORTUNITIES:**

Scripps has a programmer and analyst I position available for someone to administrate cluster silicon graphics workstations, HP, DEC alpha and DEC 5000 workstations as well as optical jukebox data archive system.

Penn State Erie, the Behrend College has a biology faculty position for a tenured track assistant professor for fall 1994. Deadline January 1994 Bida Chen, a graduate student majoring in biological oceanography at University of Southern Mississippi is seeking a position for January 1994.

### **REMINDERS:**

Faculty meeting November 4, at 2:30 in Endeavour 120. Agenda items due October 28.



Vol. VIII, No. 25

November 1, 1993

# MSRC SOUNDINGS

## Schedule of Events November 1-7, 1993

### Monday

Tuesday 1000 Reception for Mary Silver, DVS, Endeavour 113

1200 DVS Seminar, Endeavour 120  
 "Marine Snow studies with an ROV"  
 Mary Silver, U. of California, Santa Cruz

1700 Soundings entries due to Jeri Schoof

Wednesday 1200 MSRC Weekly Seminar, Endeavour 120  
 "Marine Snow: what it is and why it matters"  
 Mary Silver, DVS

Thursday 1200 DVS Round Table Talk, Endeavour 120  
 "From the Sisters of St. Joseph to the deep blue sea"  
 Mary Silver  
 1430 Faculty Meeting, Endeavour 120

Friday 1130 TAOS Seminar, Endeavour 120  
 "The stratospheric quasi-biennial  
 association (QBO)."  
 James Holton, Washington State U.

1330 Friday Discussion Group, Challenger 163  
 "Toxic diatoms (domoic acid producers)  
 and marine food webs in central California."  
 Mary Silver, DVS

### **EMPLOYMENT OPPORTUNITIES:**

The Dept. of Geological Sciences of the University of Kentucky seeks to fill a tenure track faculty position in environmental geochemistry, aqueous geochemistry, or low-temperature geochemistry. Deadline is November 15.

Woods Hole Oceanographic Lab seeks applications for one-year Postdoctoral Scholar Awards from new or recent doctorates in the fields of biology, molecular biology, microbiology, chemistry, engineering, geology, geophysics, mathematics, meteorology, and physics, as well as oceanography. Stipend \$35,000.00 per year. Deadline is January 15, 1994

SEA/United Way Campaign

All faculty and staff should have received a SEFA/United Way pledge card in their mailbox. If you did not receive one and would like to contribute to this worthwhile cause, please see Jeri. Our goal this year for MSRC is \$4,000.00

**Marine Sciences' Food Drive last week (10/18-10-23) - 5 contributions**

### **HELP!**

I need a section of a book written in Czech translated. Anyone able and interested in doing this, see me. Thanks - Bill Wise

### **MAR 580 Wednesday Seminar Spring 1994**

It is not too early to think about suggestions for seminar speakers for next semester. We particularly need more speakers in the Atmospheric sciences, as well as chemical and geological oceanography. As I expect to be away on sabbatical leave next semester, please pass your suggestions to Akira Okubo or Darcy Lounsdaile

Malcolm Bowman

## LABORATORY TECHNICIAN

The Marine Sciences Research Center seeks analytical technician to do analyses of marine samples for dissolved nutrients, dissolved organic carbon, particulate organic carbon and nitrogen and trace elements.

Duties: maintaining analytical laboratory and its supporting instrumentation (currently including a nutrient autoanalyzer, DOC analyzer, C-H-N-S analyzer, UV spectrophotometer and atomic absorption spectrophotometer); instructing MSRC personnel in the use of the analytical equipment and maintaining records for billing purposes. Some participation in research cruises may be required.

Bachelor's degree in a science, with demonstrable experience in analytical chemistry and familiarity with the required analytical techniques required. A strong background in chemistry or biology is preferred, as is prior experience gained through an advanced degree or employment in a technical capacity. Starting salary: \$25,000 - \$30,000.

Send letter of application, resume and three letters of recommendation by November 9, 1993 to:

Dr. J. Kirk Cochran  
Marine Sciences Research Center  
The University at Stony Brook  
Stony Brook, NY 11794-5000

The University at Stony Brook is an equal opportunity educator and employer. Women and minorities are strongly encouraged to apply.



# MSRC SOUNDINGS

## Schedule of Events November 8-14, 1993

### Monday

**Tuesday** 1130 TAOS Special Seminar, Endeavour 120  
 1230 "Information Content of Data and Probability  
 Density Functions-Theory and Some Examples from  
 Sedimentology, Oceanography, etc."  
 Daniel Hartmann, Ben Gurion University

1700 Soundings entries due to Jeri

### Wednesday

1200 MSRC Weekly Seminar Endeavour 120 "Oysters and  
 Benthic-Palagic Coupling in Chesapeake Bay"  
 Roger Newell, U. of Md., Horn Pt.

1700 Deadline for signing Research Roster, State Roster  
 or submitting "303"—i.e. Timesheet Deadline!

### Thursday

**Friday** 1130 TAOS Weekly Seminar, Endeavour 120  
 "A shell-based approach to marine environmental  
 modeling".  
 Malcolm L. Spaulding, U. of R.I.

1330 Friday Discussion Group, Challenger 163  
 "Ways of quantifying bioturbation"  
 Magali Gerino, MSRC

### **SABBATICAL DEADLINES:**

Those faculty planning a sabbatical for next academic year should submit a sabbatical leave request form by February 15, 1994 to Jerry Schubel. If you need the form please see Jeri.

### **CONFERENCES:**

Nov. 16-19, International Symposium on Work and the Environment, Cornell University, Ithaca, NY.

Dec. 10, After Lucas: The Public Trust Doctrine and Public Nuisance law in New York, Albany Law School, Albany, NY.

### **WARNING:**

The Open University textbook series contains some grave and blatant errors and some misleading passages. Thus, I advise against using it for exam preparation or the like.

In the past, I have lauded the illustrations in the series while warning about errors at the same time. Recent experience suggests that this was too much encouragement and too little warning.

Harmut Peters

Dr. Daniel Hartmann from the Ben Gurion University of the Negev will be visiting the Center on Tuesday the 9th of November. Dr. Hartmann's interests regard the information content of data and probability density functions. He has applied this work primarily in sedimentology but also in such diverse areas as wave climate statistics, geochemistry and droplet generation. If anyone is interested in speaking with Dr. Hartmann on Tuesday, call Daniel Conley at 2-9251.

### **HOUSE TO RENT:**

Stony Brook, furnished, 4 bedrooms, convenient to campus, train, village, shops. Available Jan 4 to July 9. No smoking, no pets.

For further information contact Malcolm Bowman.



### **EMPLOYMENT OPPORTUNITIES:**

Rutgers seeks a tenured professor or associate professor in its Dept of Marine and Coastal Science and resident Director at the Haskin Shellfish Research lab. Application deadline is December 31.

Mississippi-Alabama Sea Grant seeks a Director. Position to be filled by July 1, 1994.

Monterey Bay Aquarium seeks a full-time Oceanographic Research Technician for data processing and quality control. Deadline for applications is November 22.

Texas Parks and Wildlife Dept. has an opening for a Conservation Scientist in the Coastal Fisheries Branch. Application deadline is December 2, 1993.

Steven Kibler, a student at LIU-Southampton majoring in Marine Biology, is looking for a position. His resume is in the Main Office.

### **SEFA/UNITED WAY:**

Faulty and staff who have not yet returned their pledge forms to Jeri or Bill are encouraged to do so. The end of the campaign is November 19. To the 15 individuals who have responded, a heartfelt "Thanks!"

### **BLOOD DRIVE:**

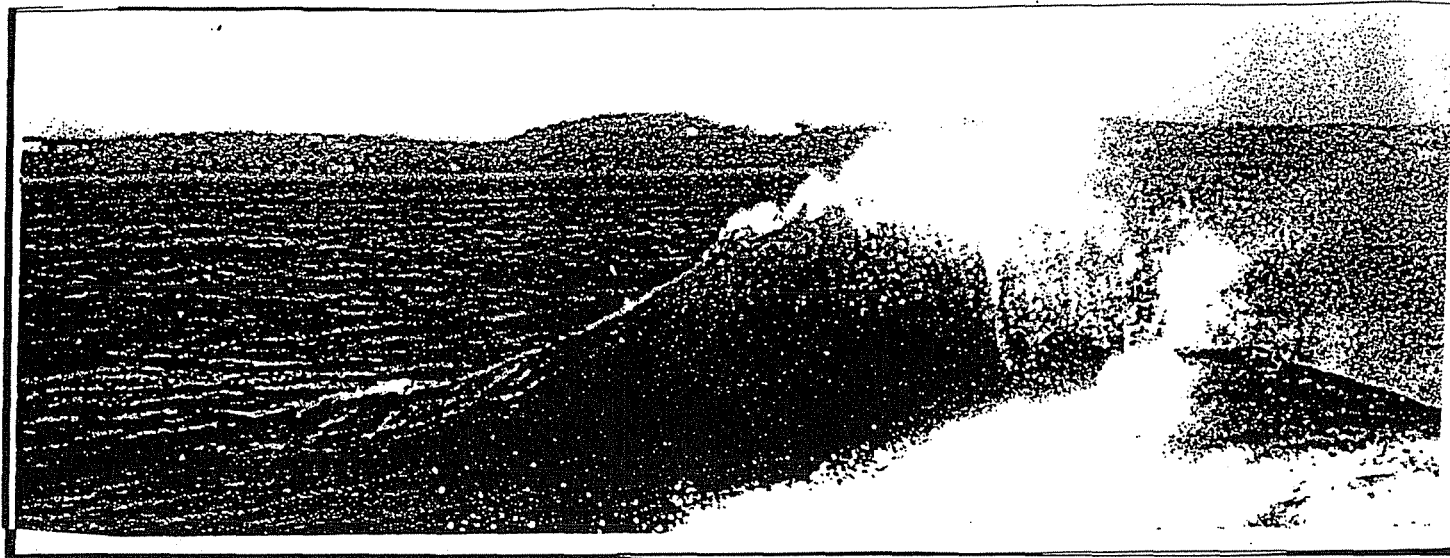
MSRC's 2nd blood drive will be held on Friday, December 17. Please mark your calendars and plan to donate. The need for blood is especially critical around the holidays. By donating you give the most unselfish gift of all.

### **HOLIDAY PARTY:**

For the brave soul who is coordinating the Center's Holiday Party, I have Michael Steinberg's "Official Coordinator's Handbook." It contains everything you need to know to plan a successful party.

Jeri





Vol. VIII, No. 27

November 15, 1993

# MSRC SOUNDINGS

## Schedule of Events November 15-21, 1993

### Monday

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**Tuesday**      1700      Soundings entries due to Jeri

**Wednesday**      1200      MSRC Weekly Seminar Endeavour 120  
 "Biophysics of suspension-feeding, locomotion, and  
 Mesoscale distribution of marine zooplankton"  
 Scott Gallager, WHOI

### Thursday

---

**Friday**      1130      TAOS Weekly Seminar, Endeavour 120  
 "Differences in Forcing and Feedback among General  
 Circulation Models"  
 Robert Cess, MSRC

1530      Friday Discussion Group, Challenger 163  
 "New directions for teaching with computers"  
 Jim Mackin, MSRC

**NEW ITEMS IN THE GENERAL STORE:**

T Shirts--2 new designs--one of which celebrates MSRC's 25th anniversary \$8.00 each. 25th anniversary mugs--\$5.75

**BLOOD DRIVE:**

I haven't heard from anyone about serving as a Captain for December's blood drive. I can't do it alone-I need help! Please volunteer to represent your building.

Jeri

**SEFA/UNITED WAY:**

28 people have submitted pledges to SEFA/UNITED WAY! If you haven't handed in your pledge, there's still time. Please help make the next year a little easier for those in need. Remember even 50 cents a biweekly helps!

**EMPLOYMENT CORNER:**

Katherine Bidwell, a Social Studies major who graduated magna cum laude from Harvard, is seeking a position. She has served on the steering committee for Harvard College's First-Year Outdoor Program and has led minimum impact camping trips.

**CALL FOR PAPERS:**

Abstracts for the Coastal Zone '94 Conference are due November 30, 1993. Full manuscripts must be submitted by March 31, 1994.

**POSTDOCTORAL OPPORTUNITY:**

The NOAA Climate and Global Change Program announces the continuation of its postdoctoral program which pairs recently graduated postdoctorates with host scientists to work in an area of mutual interest. Application deadline March 1, 1994.

**Marine Sciences' Food Drive last week (11/1-11/6) - 4 contributions**

Geoff Trager, our next Coastal Marine Scholar, and his wife seek housing, starting in January 1994. Please contact J. Yen at 2-6913 if you might know of a place for them to live. Thanks.

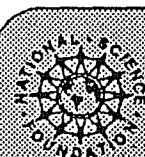
(after 12 November 1993)

from Training and USS

(after 25 October 1993)

Division of Ocean Sciences  
National Science Foundation  
4201 Wilson Blvd.  
Arlington, VA 22230

Room 725



## NSF Ocean Sciences

(703) 306-1580

FAX (703) 306-0390

### Ocean Sciences Research

306-1582

#### Biological Oceanography

306-1587

#### Chemical Oceanography

306-1589

#### Marine Geology & Geophysics

306-1586

#### Ocean Technology

306-1584

#### Physical Oceanography

306-1583

### Ocean Centers and Facilities

306-1576

#### Facilities

306-1579

#### Instrumentation

306-1578

#### Ocean Drilling Program

306-1581

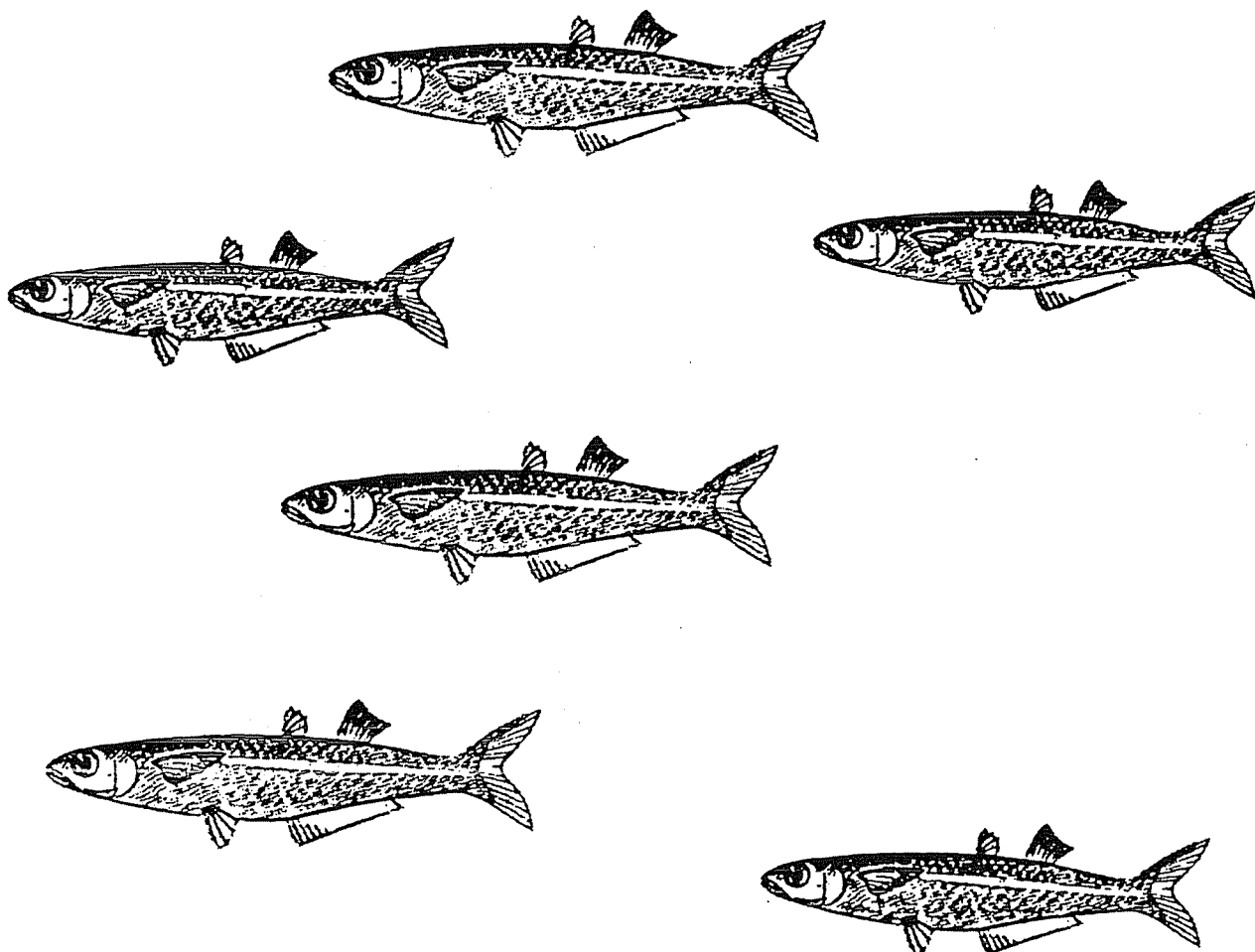
#### Ship Operations

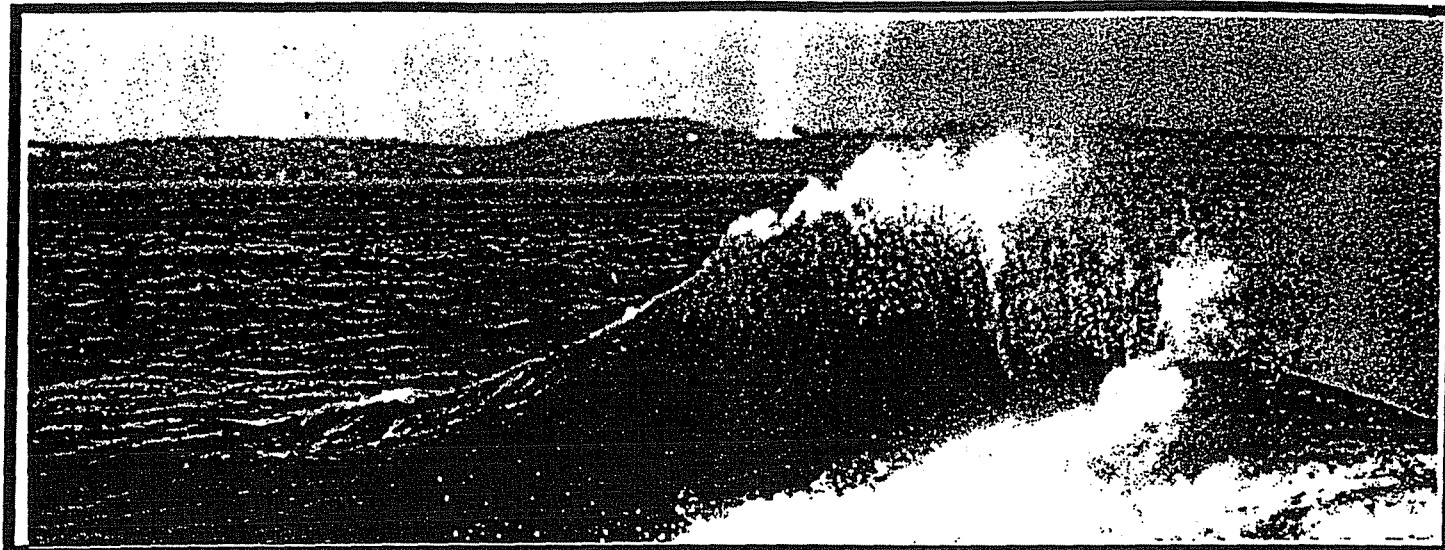
306-1577

E-Mail addresses are unchanged  
Reviews: [ocerev@nsf.gov](mailto:ocerev@nsf.gov) (Internet)  
compose oce.review (Omnet)

## Opportunity for Undergraduate Research Experience

Undergraduates interested in marine biology, evolution, ecology, and physiology who would like to participate in a research project might consider contacting us. We are studying evolutionary responses to seasonality in a marine fish, the silverside *Menidia menidia*. In particular, we are exploring how energy (lipid) reserves function to sustain individuals through periods of winter starvation, and the evolutionary effects that size-selective winter mortality have on life-history traits. The student that joins this project can expect to participate in the following: 1) lipid extractions, involving dissections, extraction of lipids, gravimetric analysis, and ashing of samples; 2) maintenance of fish cultures at the Flax Pond Marine Lab; 3) field sampling in Great South Bay and the Hudson River. This is an opportunity to join a group of students and faculty, working on a broad range of interesting questions in several fish species, including silverside, bluefish, and striped bass. Funding is being sought for this position, but initially the student must be willing to volunteer. Call Eric Schultz in Marine Sciences, 2-8796.





Vol. VIII, No. 28

November 22, 1993

# MSRC SOUNDINGS

## Schedule of Events November 22-28, 1993

**Monday 1700 Soundings entries due to Jerl**

**Tuesday**

**Wednesday 1200 No MSRC Seminar**

**Thursday Happy Thanksgiving**

**Friday Main Office Closed for Thanksgiving Holiday**

**1530 No Friday Discussion Group**

## **EMPLOYMENT CORNER:**

The Marine Science Department of Coastal Carolina University seeks applications for a lab instructor position. Deadline to apply December 1.

The Maryland Department of Natural Resources Fisheries Research Program seeks a fisheries scientist. Salary range \$27,942-36,699. Application deadline December 10.

Shannon Point Marine Center has a tenure track Assistant Professor position for a vertebrate physiologist. Deadline for applications January 18, 1994.

## **SEFA/UNITED WAY**

Thank you to the 30 individuals who have pledged to SEFA/UNITED WAY. If you would like to be part of this generous group, please give your pledge form to Jeri or Bill by Monday, November 22.

## **BLOOD DRIVE**

Captains are now recruiting donors for the December 17 blood drive. When you are asked to pledge, please say yes unless a medical reason or business trip prevents you from doing so. Blood is urgently needed during the holidays. Your one donation can save the lives of up to seven people. If you would like more information, please see Jeri.

## **INFLUENZA VACCINATION**

Flu vaccine is now available to University employees through the Preventive Medicine clinical service. We are already in the height of the influenza season and the vaccine is becoming increasingly difficult to obtain. The cost of the vaccine is \$20 and appointments can be made on Tuesdays and Thursdays between 8:30 a.m. and 4:00 p.m. by calling 42167.

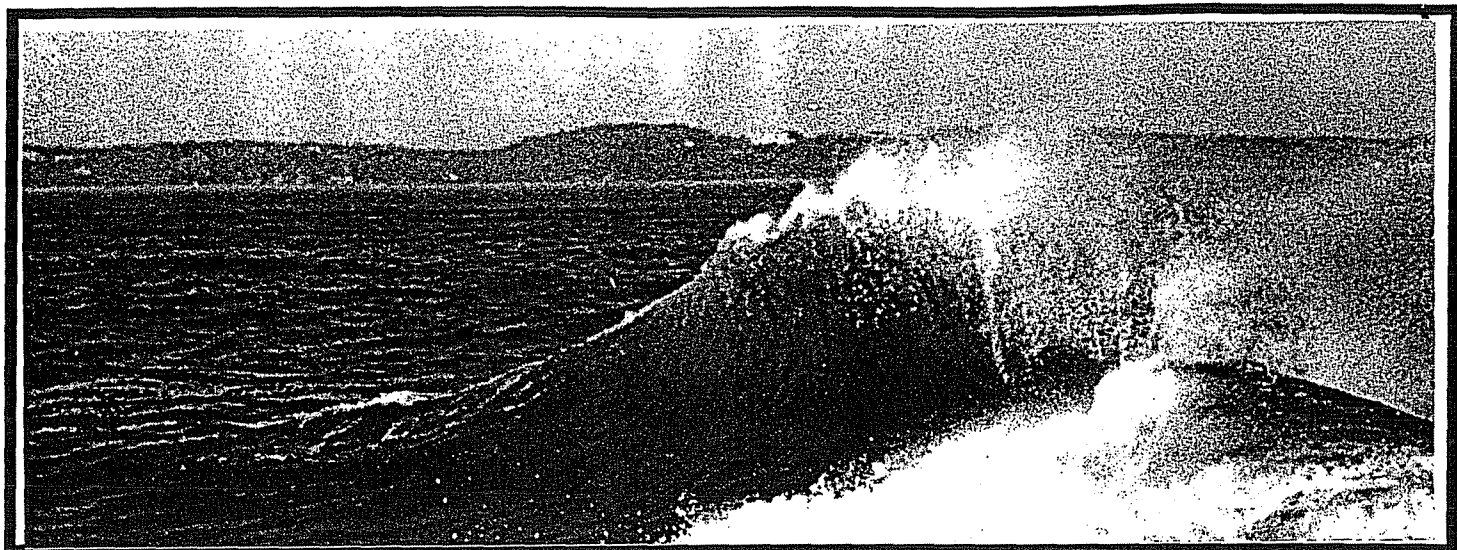


As you know, our department is allowed to have two representatives on the Graduate Student Organization (GSO) Senate. Two students, Kathy Mitchell and Felix Edwards, have expressed interest in serving as our Senators. In accordance with the GSO Constitution, they may serve in this capacity after demonstrating the support of our department, either with a department-wide election, or with a petition signed by at least 30% of our department's graduate students.

In the interest of time and energy, there will be two petitions on the wall outside the mailroom, one each for Kathy and Felix. If you would like them to serve as our Senators, please sign them now. We need 42 signatures in order to make them our official Senators, and the sooner we get them, the sooner we will have a voice in the GSO Senate, and the sooner we can get our departmental allocation (\$\$\$)!

If for any reason you object to the petition method, please see Rob Cho ASAP. If you have any questions, please contact Kathy, Felix or Rob.





Vol. VIII, No. 29

November 29, 1993

# MSRC SOUNDINGS

## Schedule of Events November 29-December 5, 1993

<b>Monday</b>	<b>1030</b>	<b>Reception for Robert Beardsley, Endeavour 113</b>
<b>Tuesday</b>	<b>1300</b>	<b>DVS Seminar, Endeavour 168 "Tides on the Amazon Shelf" Robert Beardsley, WHOI</b>
	<b>1700</b>	<b>Soundings entries due to Jeri</b>
<b>Wednesday</b>	<b>1200</b>	<b>MSRC Weekly Seminar, Dental School Auditorium "Zooplankton distribution and right whale feeding behavior in Great South Channel (from a physical oceanographer's point of view)" Robert Beardsley, DVS</b>
<b>Thursday</b>		
<b>Friday</b>	<b>1130</b>	<b>TAOS Weekly Seminar, Endeavour 120 "Oceanography of the East China Sea" Robert Beardsley, DVS</b>
	<b>1530</b>	<b>Friday Discussion Group, Challenger 163 "Optical Modelling of trichodesmium" Ajit Subramaniam, MSRC</b>

### **EMPLOYMENT OPPORTUNITIES:**

Moss Landing Marine lab seeks a Director. Application deadline January 15.

Darcy Lonsdale and Gordon Taylor have a research assistant position available for a biologist interested in the impact of brown tide on microbial food web processes in the Peconics.

### **SEFA/UNITED WAY:**

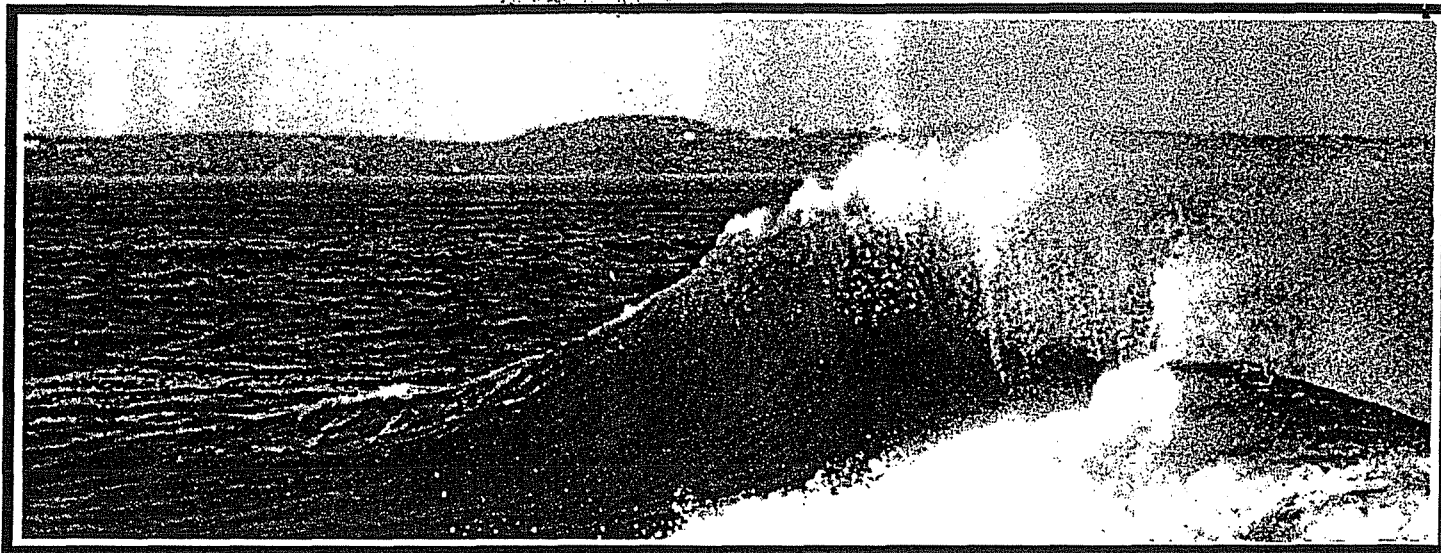
The SEFA/UNITED WAY campaign has been extended two weeks to December 5, 1993. If you've been procrastinating in making a pledge and thought you'd procrastinated too long and had missed the chance to participate...WRONG! You can still make a pledge. See Jeri if you need a pledge form. To the 36 non-procrastinators, THANKS!!

### **BLOOD DRIVE, DECEMBER 17:**

If you were given the opportunity to save someone's life over the holidays, would you turn your back and say "no thanks?" I doubt it. When you decline to donate blood, that's exactly what you are doing. Please say yes when asked to pledge a blood donation. It's the only way to guarantee blood will be there when you or someone you love might need it to save their life. See Jeri, Laura, Kristin Chaloupka, Susan Bauer or Shino Tanikawa-Oglesby if you haven't been asked to pledge.

### **REMINDERS:**

The faculty meeting is December 16, 0900. Please give agenda items to Jeri by Monday, December 13.



Vol. VIII, No. 30

December 6, 1993

# MSRC SOUNDINGS

## Schedule of Events December 6-December 12, 1993

### Monday

**Tuesday 1700 Soundings entries due to Jeri**

**Wednesday 1200** MSRC Weekly Seminar,  
"Tragedy of the commons stood on its head!" Making money  
by environmental protection"  
Charles Wurster, MSRC

1400 Executive Committee Meeting Endeavour 113

### Thursday

**Friday 1130 TAOS Weekly Seminar, Endeavour 120**

1430 **Friday Discussion Group, Endeavour 120**  
"OPS Class Presentation: Creation of Wetlands  
in Stony Brook Harbor"

1700 **Deadline to submit timesheets or sign research and State  
faculty and staff rosters**

## **REMINDERS**

**Blood Drive, December 17. Did you pledge? If not, please see Jeri Schoof.**

**Faculty meeting, December 16 at 900. Agenda items due to Jeri by Friday, December 10.**

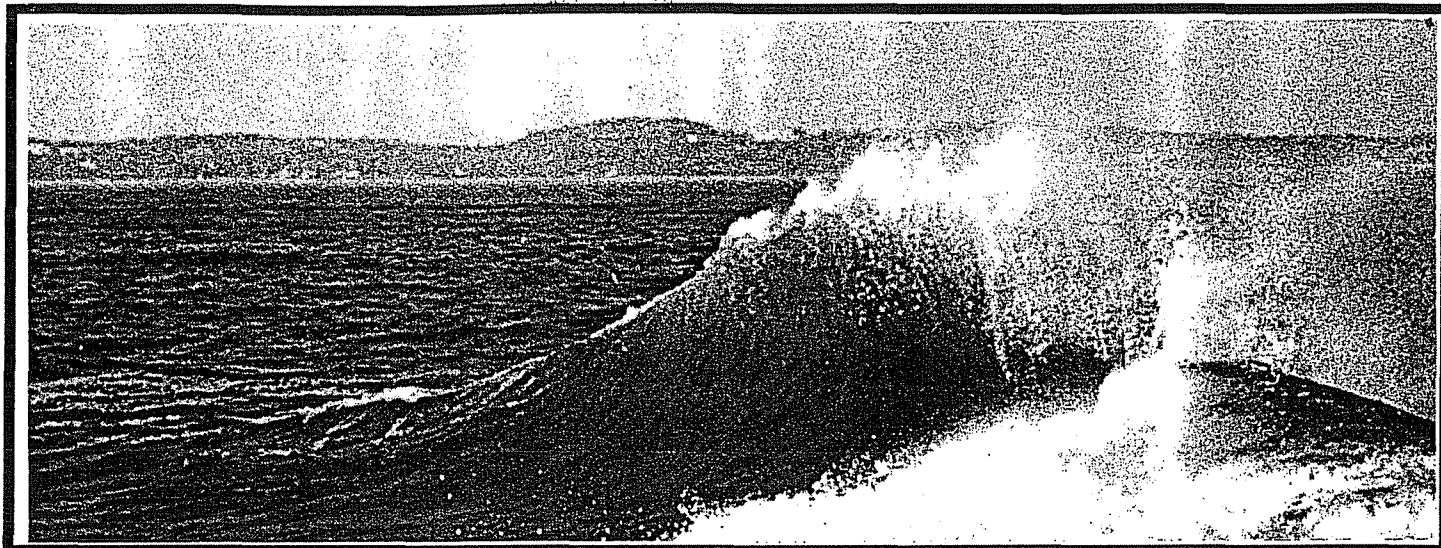
**December 13 and 14 the Coastal Summit will be held. All faculty, staff and students are welcome to attend the presentations. Participation in other activities is restricted to those who have already expressed an interest in participating. Endeavour 113 will be set up with a closed circuit tv for all who would like to view the inaugural use of the environmental situations room.**

## **HOLIDAY SCHEDULE**

**The Main Office will be closed December 24 and 27. Soundings will be on holiday December 20 through January 21.**

## **HELPING THE NEEDY**

**Last year a number of us sponsored a family for the holidays by buying gifts for each member of the family. If you would like to participate this year, please drop a note in my mailbox or stop by to see me. I am willing to serve as coordinator but will need people to sign up to purchase gifts.**  
**Jeri**



Vol. VIII, No. 31

December 13, 1993

# M S R C      S O U N D I N G S

## Schedule of Events December 13-December 19, 1993

<b>Monday</b>	<b>1230</b>	<b>"Nutrients, productivity and the eutrophication of Coastal Waters"</b> Scott Nixon, U. R.I.
	<b>1630</b>	<b>"Coastal Ocean Chemistry--25 Years in the Caldron"</b> John Farrington
	<b>ALL DAY</b>	<b>Closed circuit TV of Coastal Summit War Room Activities, Endeavour 113</b>
<b>Tuesday</b>	<b>1000</b>	<b>"A Thermostat in the Tropical Oceans"</b> V. Ramanathan, Scripps
	<b>1230</b>	<b>"Physical Fashions"</b> Chris Garrett, U. of Victoria
	<b>1600</b>	<b>"Coastal Geological Oceanography: Some Important Advances of the Past 25 Years"</b> Don Wright, VIMS
	<b>ALL DAY</b>	<b>Closed Circuit TV of Coastal Summit War Room Activities, Endeavour 113</b>
<b>Wednesday</b>	<b>1900</b>	<b>Holiday Party, Endeavour 120</b>
<b>Thursday</b>	<b>0900</b>	<b>Faculty Meeting, Endeavour 120</b>
<b>Friday</b>	<b>1130</b>	<b>TAOS Weekly Seminar, Endeavour 120</b>
		<b>"Turbulence, diffusion, and patchiness in the sea"</b> Thomas Powell, U. of California, Davis

The following letter was sent to me by the L.I. Blood Center because I am a regular blood donor. I found it very moving and wanted to share it with those of you who may be hovering between donating and not donating. Please donate--it's real people out there who need us. Thanks, Jeri

Dear Donors,

My name is Steven Carr,  
I'm 28 years old, I live in East  
Northport, Long Island, N.Y.

I have aplastic anemia, my bone  
marrow cannot produce white  
blood cells, red blood cells or  
platelets. Until my bone marrow starts  
producing blood products again I'm  
living on your donations.

I wish I could meet and thank  
each one of you personally for keeping  
me alive until I can do it on my  
own. But since that's not possible (I'm  
a patient at Westchester Medical Center)  
please know I will be forever greatfull  
to you for your life sustaining gifts.

Sincerely,  
Steven Carr

**Although Steve died in mid-September, 1993, his family wanted  
you to know how special blood donors were to him.**

## **TUITION WAIVERS**

The University has a tuition waiver assistance policy. Full-time State employees may apply for a 50% tuition waiver for up to 3 credits for the spring semester. Waivers will be approved until funds are exhausted. Dec. 17 is the deadline to apply. Forms available by calling 29350.

## **FOOD/GIFT CONTRIBUTIONS**

Contributions to the MSRC Food Drive for the week of 11/29-12/3 were 3 contributions.

The Center is "adopting" a Shinnecock Indian family for the holidays. Please remember to bring in a can of soup, a box of pasta, etc. to Bill Wise for the food basket for this family. Please bring wrapped gifts for the children to Jeri's office.

## **EMPLOYMENT CORNER**

SoundWaters is looking for an environmental educator and education assistant for their Shipboard Education Program. Positions are available for three and 1/2 month sessions (April 15-July 30 and August 1-November 15). Stipend is \$125/wk for the educator and \$75/wk for the assistants.

The American Association for the Advancement of Science sponsors five fellowship programs each year for scientists and engineers. Four programs apply to postdoctoral to mid-career scientists and engineers to work in Washington, D.C. and the fifth targets student scientists and engineers for 10-week summer programs. Deadline to apply is January 15, 1994.

The U.S. Army Summer Faculty Research and Engineering Program sponsors faculty associates to participate in research and development efforts of U.S. Army laboratories in a variety of technical disciplines. Deadline to apply is January 15, 1994. Stipend is \$900/wk for up to 12 weeks.

## **REMINDERS**

The Main Office will be closed December 24 and 27.

Research Checks will be available after 3 p.m. on December 23.

SUPPORT FOR GRADUATE RESEARCH ASSISTANT interested in doing thesis research in physiological ecology. Two years of support starting Spring or Summer '94 on NSF grant examining physiological and enzymatic basis of high-temperature tolerance in local ecotype of the common kelp, *Laminaria saccharina*. See Val Gerard for further information.

ATTENTION GRADUATE STUDENTS! If there is sufficient interest, Val Gerard is considering offering a new graduate course in Fall '94: The Marine Biology and Ecology of Long Island. The course would examine environmental conditions, species composition, and community structure of saltmarshes, eelgrass beds, sand and mudflats, fouling communities, barrier islands, rocky shores, and estuarine habitats. The focus would be on field sampling, species identification, natural history, and community ecology. If you are interested in learning more about local marine, estuarine, and maritime communities, CONTACT VAL BEFORE THE END OF FALL SEMESTER (by 17 December).

Senior Transportation Planner - The Port Authority of New York and New Jersey - Port Department. Responsible for developing policy and action recommendations by performing technical analysis of transportation legislation and its impact on port facilities, operations and business; develop testimony and represent the agency as a technical expert before federal, state and municipal authorities on marine related transportation and environmental issues; investigate and analyze the latest technological advances in the marine and related fields to determine their effect on existing and new facilities. Requirements: Undergraduate degree in engineering/science, transportation, planning or economics (Graduate degree highly desirable); several years experience in marine planning, economics and operations; knowledge of environmental laws applicable to water resources, the maritime industry and harbor development highly desirable; knowledge of the physical, functional and institutional structure of the port business; knowledge of federal agencies and processes; negotiation skills; strong broad-based knowledge of maritime/transportation technology; demonstrated creative and analytical problem-solving skills and assertive leadership ability. Send resume and salary history to:

The Port Authority of New York and New Jersey  
Human Resources Department

One World Trade Center, 44 North  
New York, NY 10048

CONTACT: John Bennett (212) 435-4713