

MSRC

SOUNDINGS

Vol. VI, No. 1

January 28, 1991

SCHEDULE OF EVENTS January 28 - February 3, 1991

MON

TUE 1700 Soundings Entries Due

WED 1200 MSRC Weekly Seminar -- Challenger 165
"Diel Variations in Methane -- the Anoxic
Waters of Pettaquamscutt Estuary"
Mary Scranton, MSRC

THU

FRI 1530 Friday Discussion Group -- Challenger 163
"Safety at Sea -- What You Should Know
Before Participating in Oceanographic Cruises"
Ian Stupakoff, MSRC

JANUARY 30TH STATE CHECKS

Reminder -- State employees gross salary will be reduced by one day's pay in this check and in each of the following four State paychecks for a total of 5 days pay. These 5 days pay will be paid to you when you terminate employment with the University. This lag is different for faculty, than the initial two weeks pay lag which is returned at the end of each academic year.

For State graduate students only: to offset the lag for graduate students the University is increasing the gross pay for graduate students by 11% so that when 10% is removed each pay day, the net amount will be essentially the same. Students will be terminated one week earlier than originally stated on the appointment forms and will receive a final "lag" check for one week's pay after their termination. A memo will be distributed on January 30th to describe this in more detail.

FACULTY MEETING

The next faculty meeting will be March 1st at 0900. Student tuition will be a main agenda item. Other agenda items should be given to Jeri by February 26th.

FAX ROOM

Faculty may request from Christine a key to the fax room so they can have access evenings and weekends. A supply cabinet has been added to the fax room and will be stocked with basic supplies that faculty may need when the Main Office is not open.

HUDSON RIVER PROPOSALS

Pre-proposals are due February 8th. If you are invited on March 1st to submit a full proposal, you can either submit to Marie Murphy by March 15th

*full proposals from anyone wishing Marie's office to mail their application to the Hudson River Foundation or

*the budget, justification pages, cover page, 4 page form, and all supporting documentation for subcontracts and cost sharing. Those choosing this option would be able to pick up from the reception area, the signed documents on the morning of the 25th. Responsibility of putting the package together and getting it to Hudson River on time would be that of the faculty member. And, of course, Marie would need a copy of the full proposal no later than April 1, 1991. Jeri will

collect these and submit them as a package.

Recommended student stipend level is \$16,500 to allow sufficient funds for students to pay their share of tuition since Hudson River Foundation will not permit tuition as a line item in the budget.

NOTICES

The Minerals Management Service, Gulf of Mexico Region, has sponsored an electronic bulletin board named "GULFMEX" on the OMNET electronic mail service.

The "Association of Sea Turtles with Petroleum Platforms in the North-Central Gulf of Mexico" by R. Lohofener, Wayne Hoggard, Keith Mullin, Carol Roden and Carolyn Rogers is available through the Minerals Management Service at a cost of \$4/copy.

A videotape "Impact of Exploratory Wells: Offshore Florida" is available from the Minerals Management Service at a cost of \$5/copy.

The Proceedings of the Gulf of Mexico Environmental Studies Meeting on April 4, 1990 is available at no charge from the Minerals Management Service.

HELP!!

As part of a lab legacy from S. Horrigan and J. Fuhrman, I inherited an ancient Bausch & Lomb Spectronic 600 scanning spectrophotometer which appears to be operational. However, it lacks cuvet holders or any other accessories that would render it useful. Alas, this instrument is so old that the manufacturer no longer has parts available of any description. If anyone knows anything about this instrument or has compatible accessories, I would greatly appreciate your assistance. Thanks.

Gordon Taylor (2-8688)

LONG ISLAND BOAT SHOW

We have been invited to participate in the Long Island Boat Show (Nassau Coliseum, 15-24 February 1991) with an MSRC display located in the exhibitors area in the lower lobby of the Coliseum. The show is open in the afternoon and evenings on weekends and in the evening on weekdays. We need your help in staffing the display and talking about MSRC -- our research, educational, and public service activities -- to the interested throngs at the show. We would like to have at least two people

from the Center on-hand at the display throughout the duration of the show. If you are interested in helping out, look for a sign-up sheet in the Mail Room later this week. We will provide transportation to and from the Center.

LIMO

The L.I. Airport Limousine Service will provide transportation to NYC airports for \$25 per person from the Stony Brook area. Door-to-door service requires advance reservation and may make a maximum of two additional stops. To make a reservation call 234-8400 and identify yourself as a USB employee.

AWARDS

Donald Squires and Marian Steinberg have endowed a President's Award to Distinguished Doctoral Students in recognition:

*The candidate's dissertation and its research base are of outstanding merit, or

*the student, in the conduct of his or her doctoral work, has made exceptional contributions in ability or service to the university of such a nature as to warrant special citation, or

*the student in completing his or her candidacy overcame personal or social handicaps of an unusual nature, warranting special recognition.

Five awards shall be granted each year, during the commencement weekend. Nominations are due to Alex King, Vice Provost for Graduate Studies with supporting documentation by February 15, 1991. Only students who are eligible to attend May Commencement Exercises may be nominated. The award carries no monetary value but a reception will be held in the awardees honor.

LERNER-GRAY GRANTS FOR MARINE RESEARCH

Deadline is March 15th. Provide financial assistance to individuals starting careers in marine zoology. Support is limited to projects dealing with systematics, evolution, ecology, and field-oriented behavioral studies of marine animals. Grants are not made for research in botany or biochemistry.

2-
6960

SHARING. . .ANYONE??

Anyone interested in splitting the cost with me for a copy of the "1991 Tax Guide for Teachers (for

filing 1990 returns)" published by academic Information Service, Inc.? The total cost is \$24.75: I have found this quite a useful book in past years, especially for things like sabbaticals, home office deductions, and miscellaneous deductible items.

Malcolm Bowman

WANTED: A PEN-PAL

I would like my son, Vladimir, to have pen-pals in other countries including the United States. He is 15 years old and has a serious interest in computers, and lateral interest in biology and postal stamps. Vladimir attends a school with additional studies in math, physics and computers. He is one of the best in his class in programming, in spite of the fact that he is younger than the majority of his classmates. He also studies English at the school. He attends special seminars on computers at Moscow University. Unfortunately, Vladimir is not good at sports, however, he is in good health. He is fair and dislikes games where the rules are unfair. He prefers classical music, e.g. the organ. He is a good brother to his younger sister. If your child, or anyone you know is interested in writing to him, please use this address:

Vladimir Ostroumov
Tsurjupy Street 7-2-31
Moscow 117418
RUSSIA

Sergie Ostroumov

INTERNSHIPS

NYS Assembly Internship Program

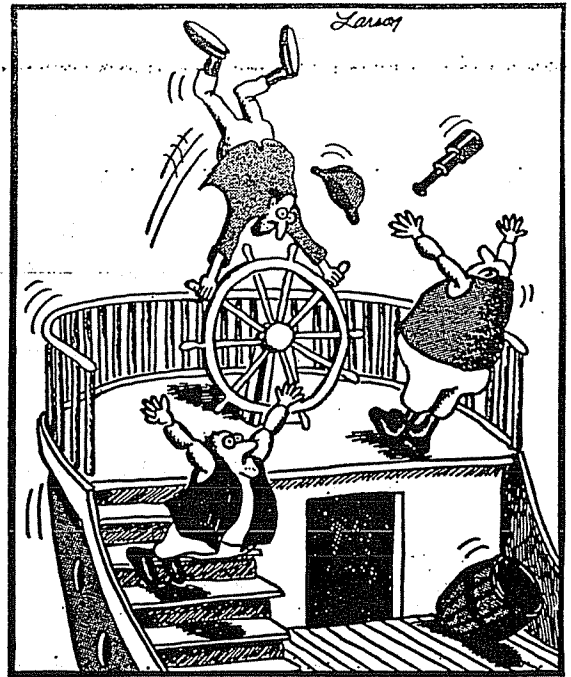
A brochure describing internships available with the NYS Assembly is available from Laura Richardson.

Due to an increase in its work load and the impending loss of our present intern at the end of January, the Ocean Studies Board office is looking for a temporary staff member/intern. We are looking for Master's or Ph.D level student to help us for a period of 2-12 months. This is a good opportunity to expose your students to the Washington environment. We have projects in all fields of marine science, with which we can get a student intern involved. Please contact Jerry Schubel as soon as possible if you are interested.

**POSITIONS
SOUGHT/AVAILABLE**

The Department of Oceanography and Coastal Sciences at Louisiana State University is seeking a chairperson. Applications are due February 1st. See Jeri for announcement.

James Farr, an environmental scientist with 10 years experience, is seeking a position. He has a Master's in Marine Biology from C.W. Post and in Entomology from Fordham University. His resume is in the Main Office.



Columbus discovers America.

January 1991

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 for travel after 1 February but before 15 June 1991. NOTE: THESE DATES INCLUDE THE SUMMER ASLO MEETING.
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.
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.

The Willingness to Risk Failure

Let me focus for a moment on the willingness to take informed risks. The willingness to risk failure is an essential component of most successful initiatives. The unwillingness to face the risks of failure—or an excessive zeal to avoid all risks—is, in the end, an acceptance of mediocrity and an abdication of leadership. To use a sports metaphor, if you do not come to bat at all, or, when at bat, wait hopefully for a walk, you cannot hit a home run. At best, you can get to first base. Major leaguers can decide to play in the minor leagues, and they may have more hits and fewer failures there, but their impact on the game and on society would be very much diminished. The risk of failure is intrinsic to significant accomplishment. Even the great Babe Ruth struck out almost twice as often as he hit home runs. Successful change depends on experimentation with uncertain results. A willingness to occupy new ground always involves the risk of losing your footing along the way.

We must also beware of raising the flag of failure too quickly. The world too often calls it failure if we do not immediately reach our goals; true failure lies, rather, in giving up on our goals. When 10,000 experiments with a storage battery failed to produce results, Thomas Edison said, "... I have not failed. I've just found 10,000 ways that won't work." Few battles result in immediate and full victory. For example, instead of being frustrated and immobilized by the continued hardship experienced by many around the world, we must keep alive the idea of eventual deliverance from suffering and oppression by demonstrating our willingness to move forward along those paths actually available to us.

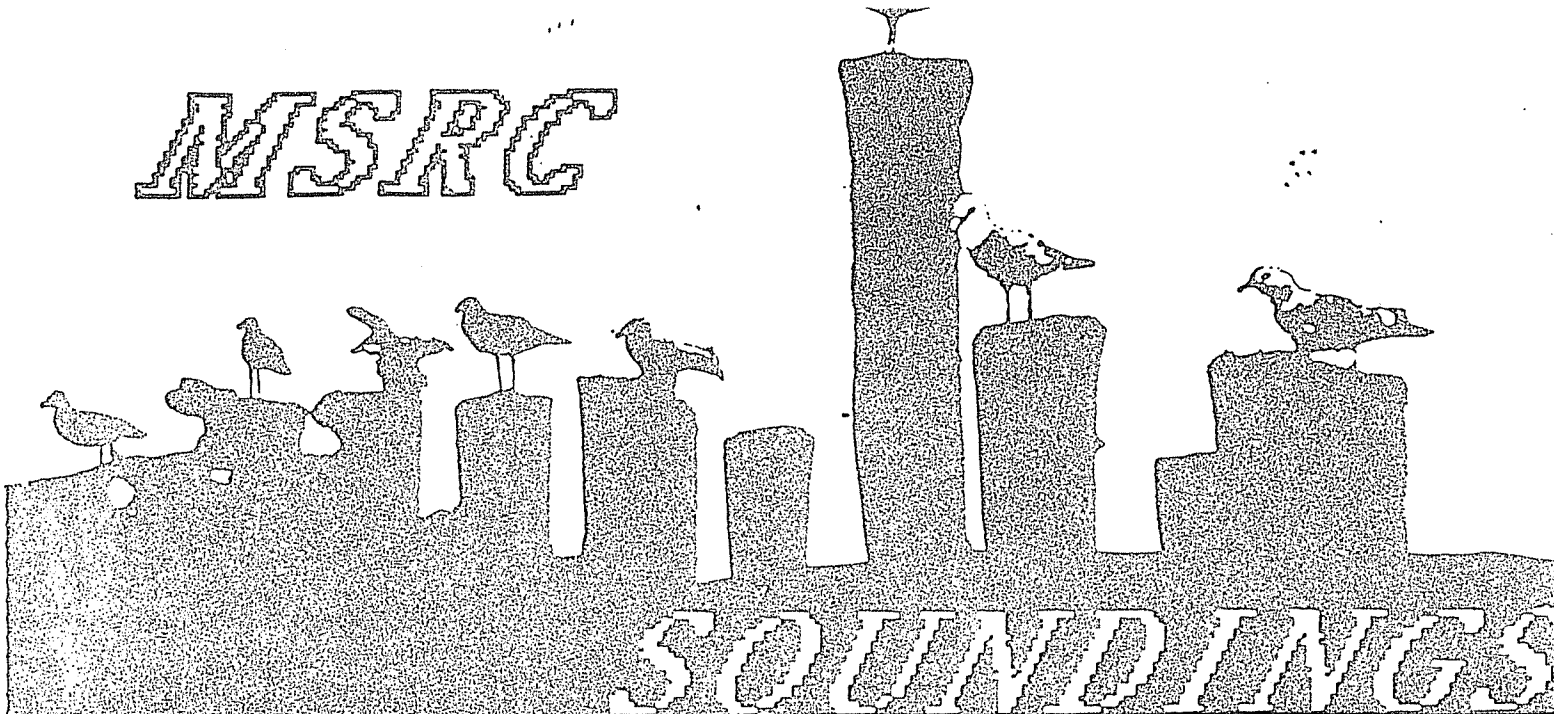
As we begin to prepare for the challenges that will face humanity in the 21st century, we know that we need new ideas and a renewed determination. We face challenges in health care from infancy and childhood to elder care and long-term care. We confront challenges in education, the economy, and the environment. We have an inventory of unfilled aspirations for families and communities and in connecting ourselves to the rest of humankind in a world that becomes ever more interdependent.

If we approach these challenges with a grim determination to avoid risk, we will sentence ourselves to the status quo—or worse. If we rely exclusively on old solutions, we not only will resign our leadership position in economic, political, and cultural affairs, but also will fail to reach our objectives. If our collective fear of failure, our fear of taking the risks of listening to new voices, or our demand for all or nothing immobilizes us, we will achieve little change.

My own observation is that American society has become too risk averse for its own good. Moreover, as individuals become more risk averse in their own lives, they seem to become less and less tolerant of the risks taken by those in leadership positions. We are less tolerant of our leaders' mistakes and seem increasingly to exhibit a fear of failure even in the face of the compelling national challenges before us. Indeed we often speak of failure as malfeasance and at the same time accuse our leaders of lacking courage and vision. Courage, vision, and change require not only our personal willingness to shoulder the risks of failure, but also our willingness to understand that some failed projects are an inevitable part of the great successes that we hope will characterize the efforts of our leaders.

Let me reflect, for example, on the "failure" of last year's demonstrations in Beijing. In a certain sense they failed. The daring and courage of these students, workers, and others seem, in the short run, to have produced only a more repressive situation. History, however, has shown us that these seeming failures are often just threads of a larger tapestry; until this tapestry is on the wall, the nature of the final pattern is difficult to discern. Let me be clear, I do not recommend failure. Nor am I attracted to the idea that failure builds character. But a willingness to accept the risk of failure is one of the costs of leadership and, therefore, the price of all success.—HAROLD T. SHAPIRO, *President, Princeton University, Princeton, NJ 08544* [Excerpted from his commencement address, 12 June 1990]

MSRC



REVISED EDITION

Vol. VI, No. 2

February 4, 1991

SCHEDULE OF EVENTS

February 4-10, 1991

MON

TUE 1700 Soundings Entries Due

WED 1200 MSRC Weekly Seminar -- Challenger 165
"Testing the Gaia Hypothesis of Climate
Regulation by Marine Dimethylsulfide
Emissions."

Dr. Stephen Schwartz, Brookhaven Nat'l Lab

THU 1430-1630
1930-2030 ROGER D. STONE, author of *Voyage of the Sanderling*,
will conduct a writing workshop in 165 Challenger.
R.D.Stone to read from his book in 165 Challenger.

FRI 1530 Friday Discussion Group -- Challenger 163
"Travelogue: A 3000 Foot Dive in the
Caribbean."

Carol Diebel, SUNY Health Sciences Center

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FACULTY/STAFF PHOTO EXHIBITION

The 3rd Annual SUSB Faculty/Staff Juried Photography Exhibition will be held March 11-14 1991. A new category "Scenic Vistas" has been added. A flyer will be sent out in February.

TIME SHEETS

All research personnel and state professional staff must submit timesheets by February 10. State faculty must sign the roster by February 10. Anyone who does not certify their time by February 10 will have to bring their timesheet to Payroll themselves or risk delayed paychecks.

CAMPUS CONSULTING POLICY

The primary concern of the IRS is the use of consultant payments in instances where an employer-employee relationship actually exists. Organizations found to have made payments in such instances are liable for significant fines and the recipients of the payments must settle tax issues with IRS. The campus consulting policy is

given in the Faculty/Staff handbook. Its two most salient features are: (1) Consulting privileges are extended only to individuals with faculty status. (2) The campus does NOT permit intra-campus consulting. If there is a need to engage a campus individual in an activity outside his/her normal duties, the vehicle of extra-service compensation (which results in salary payments) must be used.

RF INSURANCE

If you request that equipment be insured through the Research Foundation, be sure to prepare an Equipment Insurance form for EACH item being insured AND one requisition to cover the entire premium.

STONY BROOK AUTHORS AND EDITORS

Each year information is sought on books and journals published during the previous calendar year and authored or edited by Stony Brook faculty and staff. Books should be first editions, unless the later edition reflects extensive revisions. Book-length

translations by Stony Brook faculty and staff may be submitted as well as books by Stony Brook faculty and staff that have been translated into another language. These authors and editors will be invited to a Recognition Reception hosted by President Marburger in the middle of April. Forms are available in the Main Office.

EMPLOYMENT OPPORTUNITIES

The Marine Biological Lab in Woods Hole is seeking two tenure track faculty at the assistant/associate/full professor level for September 1991. Areas of interest are (1) cellular neurobiology/biophysics using marine organisms and (2) ecology with a focus on the marine environment. Application deadline is February 15. See Main Office for details.

McGill University is seeking an Assistant Professor of Marine Ecosystem Ecology for September 1991.

SUMMER FIELD PROGRAMS

NSF is sponsoring a research experience for undergraduates

in the geosciences, July 1-August 24, in Juneau, Alaska. The Main Office has the poster.



Sucker fish at home

MSRC



Vol. VI, No. 3

February 11, 1991

SCHEDULE OF EVENTS February 11-17, 1991

MON

TUE 1700 *Soundings Entries Due*

WED 1200 *MSRC Weekly Seminar -- Challenger 165*
"The Dissolution of Calcite in Deep Sea Sediments:
An In-Situ Microelectrode Study"
David Archer, Lamont-Doherty

THU

FRI 1530 *Friday Discussion Group -- Challenger 163*
"Eco-Touring in South East Alaska and Baja,
California"
Charles Wurster, MSRC

UNDERGRADUATE EXCELLENCE RECOGNITION

Nominations of undergraduate students who excel in service, performing arts, visual arts, athletics, academics, research and/or student government are requested by February 27, 1991. Nomination forms and more details are available in the Main Office.

REMINDER

Keys are distributed by Christine between 8:30 and 12:00 in Discovery 155. Also, if there is a problem with timesheets, see Christine between 1:00 and 5:00 in Endeavour 159.

FACULTY MEETING

The next faculty meeting will be March 1. Agenda items are due to Jeri by February 26.

RESEARCH FOUNDATION INSURANCE

Requests for equipment insurance from the Research Foundation must be accompanied by a request form for each item to be insured and a requisition for the total premium. Requests should be submitted at least one week before the equipment is to be deployed or shipped.

MSRC

SOUNDINGS

Vol. VI, No. 5

February 25, 1991

SCHEDULE OF EVENTS February 25 - March 3, 1991

MON

TUE 1700 Soundings Entries Due

WED 1200 MSRC Weekly Seminar -- Challenger 165
"Deep-Sea Biodiversity"
Dr. Fred Grassle, Rutgers University

also

"Funding Opportunities for Women Graduate
Students and Faculty"
Wendy Katkin, Provost Conference Room
407 Admin

THU

FRI 1530 Friday Discussion Group -- Challenger 163
"A 'Better than Nothing' Model for Interactions
Between Bacteria and Viral Particles in the Sea"
Akira Okubo, MSRC

FACULTY MEETING - OOPS!

The faculty meeting is postponed yet again. I goofed and forgot to check the availability of Challenger 165 for March 11. It is being used that day for an all-day conference. The new date for the faculty meeting is March 18 at 9:00 am. Sorry.

Jeri

EMPLOYMENT OPPORTUNITIES

The National Ocean Service seeks a surveying technician for its Rio Vista, CA office. No deadline for application.

The National Environmental Satellite, Data and Information Service seeks an oceanographer grade 9 for its Washington, DC office. Deadline is March 26.

INTO ANTIQUES??

If so, the University Employee Relations Council is sponsoring a trip to an "Antique Extravaganza" on March 17 in Atlantic City. \$25 includes bus and admission. Reservations are due by March 6 to Cynthia at 2-6136.

CREW NEEDED FOR CRUISE

We are looking for volunteers to participate in a spring bluefish cruise. The cruise will be aboard

the NOAA ship FERREL and is from March 22 to March 28 out of Norfolk, Virginia working along the edge of the Gulf Stream. If you are interested please see Jon Hare in Dana 108 or Dana 115.

CONGRATULATIONS!!!

Congratulations to Cliff Jones for winning the President's Award for Excellence in Professional Service!! If anyone deserved it, he did!!

FORUM ON THE WAR IN THE MIDDLE EAST

The classes on the Forum on the War in the Middle East will be held on Wednesday, Feb. 27 from 12:40 to 2:10 p.m. in the Recital Hall in the Staller Center.

CONGRATULATIONS MSRC

OCEAN SCIENCE RESEARCH* AWARDS, FY/1990

(in thousands of dollars)

Woods Hole Oceanographic Institute	17,523.4
University of California	10,263.7
Scripps Institute of Oceanography	(7,468.6)
Santa Barbara	(1,808.6)
Santa Cruz	(729.8)
Los Angeles	(256.7)
University of Washington	6,500.8
Columbia University, LDGO	6,487.9
University of Hawaii	4,059.0
Oregon State University	3,972.9
University of Miami, RSMAS	3,117.0
State University of New York, Stony Brook	1,753.4
University of Rhode Island	1,555.6
Massachusetts Institute of Technology	1,423.7
University of Maryland, CEES	1,315.8
Texas A&M University	1,275.7
University of North Carolina	970.9
University of Texas	901.4
University of Southern California	880.1
Bigelow Laboratory	748.6
Nova University	736.8
University of Georgia, Skidaway	679.7
Brown University	661.5
Princeton University	644.9
University of Alaska	613.4
University of South Carolina	587.7
University of South Florida	582.7
Bermuda Biological Station	555.7
University of Delaware	545.4
Florida State University	540.9
North Carolina State University	500.2
San Jose State Univ., Moss Landing Marine Lab	499.7
Old Dominion University	488.4
University of Georgia	477.7
Duke university Marine Laboratory	467.0
Harbor Branch Oceanographic Institution	435.4
Stanford University	402.1

*Research, instrument development, education and human resources

*Dr. S.A. Ostroumov in cooperation with
Dr. N. Fisher, Dr. M. Bowman, and Dr. M. Garrell*

next seminar on

**ENVIRONMENTAL PROBLEMS AND
BIOSPHERICS**

*Will be held on Monday, ^{March 4}~~February 18th~~ at 4:00 p.m.
in Room 113 Endeavor Hall,
Marine Sciences Research Center*

- 1. MSRC proposal for designing solutions to aquatic environmental problems in Eastern Europe.*
- 2. Additional news from Annual Meeting, Society of Environmental Toxicology and Chemistry (November 11-15, 1990, Arlington, Virginia)*
- 3. Current Environmental News from U.S.S.R.*
- 4. U.S.S.R. Red Data Book and Living Resource Conservation.*
- 5. Color slides of Washington, D.C. and Moscow: Art and Architecture.*

Everyone is welcome.

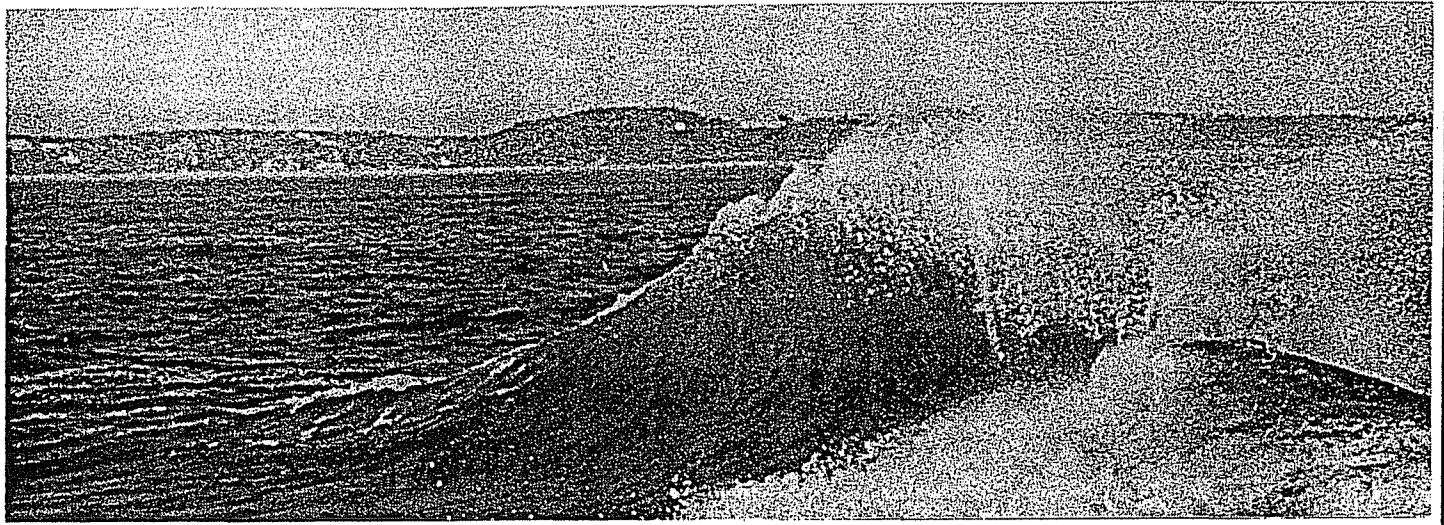


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 5

March 4, 1991

Schedule of Events March 4-10, 1991

MON	1600	"Environmental Problems and Biospherics" S. A. Ostroumov - Endeavour 113
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar - Challenger 165 "Zooplankton in 3D: Where Does the Food Come From?" - Dr. J. Rudi Strickler, Univ. of Wisconsin
THU		
FRI	1530	Friday Discussion Group - Challenger 163 "An Assessment of New York Fisheries Processes and Practices on Long Island" - Yuval Eshet, MSRC

Marine Sciences Club

Fishing Meets "Star Wars" by Chris Romano

The National Marine Fisheries Service along with National Aeronautics and Space Administration and the state of Mississippi have developed a system that will place this country's satellites and computers at the service of fishermen. All that a fishermen would have to do is link up with the National Weather Service to get satellite data on weather surface temperature joined with a map of the Gulf of Mexico, showing depth readings and bottom formations. The fisherman then pops in a computer program written about his particular target species (ex. Spanish mackerel). The computer program contains information on mackerel behavior- the temperatures the fish prefers, depths the fish is usually found in and the underwater terrain preferred by this particular fish. Then the program is coupled with a math formula. The system provides an environmentally correct model of the Gulf of Mexico for any given day. This fisherman can review his printout and motor straight out to the site he is most likely to find Spanish mackerel.

The program was designed to promote economic development within the fishing industry. An experiment with the system over a three year period proved very successful. The Japanese Butterfish fishermen who got to use this system in the experiment were able to flood their home market.

The entire package will be given free to the company that appears most likely to develop the system into a large scale but locally based project. Several companies have already submitted bids for the system. The designers of the system hope to see it used by commercial and sport fishing boats. They would like to see

it at marinas and bait shops so any fisherman can pick up a copy of the days forecast fairly cheaply.

However, there is a large amount of concern over the wisdom of this project. Many of the voices of protest have come from the scientists who work for the very agencies who developed this computer package.

One NMFS researcher believes the program is good only if it is used on abundant (or under utilized) species but that it should not be used on species such as tuna which are already under fishing pressure.

Jerry Clark who is a biologist on the Gulf Fishery Management Council, a federal agency charged with protecting fish while defending the fishing industry at the same time, stated that a government that limits fishing on one hand and encourages more efficient killing methods on the other is typical of the American way. "Remember, this is the country that subsidizes tobacco growers while trying to get people to quit smoking", Clark said. "This is a government that seeks better ways to grow crops, then pays farmers not to grow them. Its in the fine tradition of the United States. At best it's wasteful," Clark said.

Gary Matlock, also a biologist with the Gulf Council stated that "As an individual, if I'm going to do something, I'm going to do it as efficiently as I can. But as resource managers, It really seems like the only way we have to respond to a crisis is to reduce fishing efficiency." He feels trapped because "As a member of the Gulf Council, I'm supposed to protect species in the Gulf, on the other hand, I'm supposed to promote the consumption of seafood."

Deputy Director of the NMFS Dan Furlong, stated that people do have the right to question an agency that protects fish while developing a better way to kill them. "Here we've invested taxpayers money to invent this system that if taken to an extreme, could have a bad effect on fish stocks."

The supporters of the system hope eventually to expand from the Gulf of Mexico to world wide coverage. They plan on awarding the bid for the program package on December 1.

I think this system should not be implemented, much less design in the first place. This country already has a bad reputation going from the local level straight up to the federal level in which the resource managers buckle under to industry. It's about time that fisheries managers actually TRY to save a resource from over exploitation. One of the keys to helping protect fish stocks is to decrease the efficiency of the fishing fleet. Wider net mesh sizes, closed areas and limits on trip length and boat size are all ways to help decrease fishing efficiency.

I'm disgusted by the fact that the NMFS would even release this program (no matter what it cost to develop) after the statements made by their new Director, Dr. William Fox, in which he states that he wants his agency to take stronger stances on protecting the fish rather than jobs within the fishing industry or keeping the "sport" fishermen happy (The National fisherman 10/90). Of course if one looks at the vents of the last year within the fishery management system, one can see that Jerry Clarks' comments about American tradition are true.

The plan to protect Red Snappers from commercial and recreational fishermen started out as a fairly strong management plan that was aimed at protecting the fish while allowing a reduced commercial and recreational catch. But now the plan has become so watered down due to the whining of the fishing interests that its a sad joke.

The Atlantic Shark Management Plan STILL has not been implemented. I have a strong feeling that when it is released, it too will give fishing interests very liberal quotas.

A strong Swordfish protection plan that was in the pipeline has been defeated. If you haven't guessed already, swordfishing is very lucrative and the people who benefit from this fact were not going to allow some silly "environmentalists" from the government stop them from making a pretty penny.

Tuna populations are still being decimated. A party boat with 20 people on board can bring home 80 Bluefin tuna plus an unlimited number of other species of tuna that they might catch yet they are still considered a recreational vessel rather than a commercial vessel.

Shrimp trawlers in the Gulf of Mexico are not using their Turtle Exclusion Devices and they have defeated the NMFSS attempts to regulate them. The shrimpers are also dead set against plans to make them use a Fish Exclusion Device to help them cut down on fish by-catch. Shrimpers tend to kill more fish than shrimp just like ~~long-line tuna fishermen who kill more sharks than tune.~~

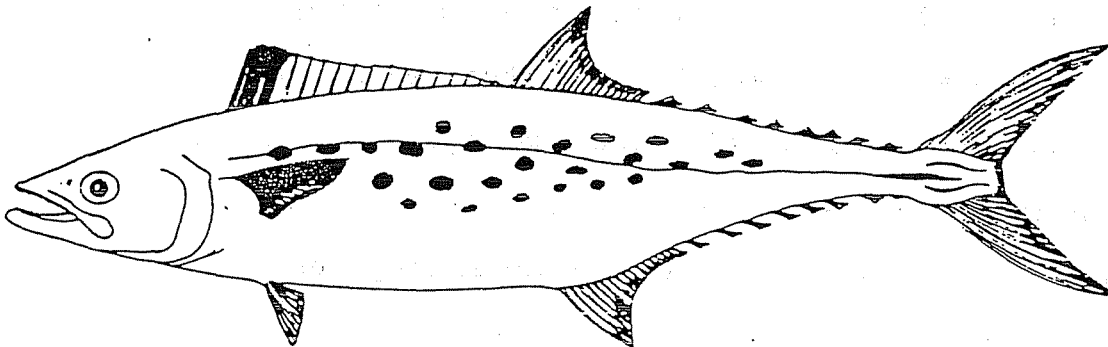
As soon as Striped Bass started to make a comeback- commercial fishing was allowed to start again and recreational

anglers were given less restrictions. It probably will not be too long before the Striped Bass stocks get depleted to the point where there has to be a moratorium on fishing for it.

I would like to conclude on a happy note but it is hard to think of one. The only thing that I can really say is that I think the general public is starting to become more aware of the poor state the U.S. (and the worlds) fisheries are in. The public is becoming more aware of environmental problems in general. As members of the public, it is our duty to contact our governmental officials and agencies and to tell them to stand up to big business and special interest groups (such as "sport" fishing associations). It is the governments job to protect our natural resources for future users, not just for the present users.

The quotes by Mr. Clark, Mr. Matlock and Mr. Furlong cam from the Times-- Picayne (La.) 10/28/90 pp. B1, B4.

Scomberomorus maculatus (Mitchill)



Club Officers:
Hiram Szeto
Silvia Sey
Cathy Krupski

COMMON NAME: Spanish mackerel.

Don't Touch The Coral!
By Chris Romano

A recent study by the Nature Conservancy reveals that the coral reefs of the United States are being damaged by SCUBA divers and snorkelers. Helen Talge, a University of South Florida graduate student, spent 66.6 hours underwater marking an underwater slate every time she saw someone touch, kick or scrape the coral reef. The study was conducted out at the Looe Key National Marine Sanctuary, the Key Largo National Marine Sanctuary and several smaller reefs.

Some of the results of her study were that 58% of divers touched the reef between two and ten times in a half hour dive. The average number of touches for all SCUBA divers was seven in a half hour dive. Just touching the coral polyps can kill them.

She found that while snorkelers touched the reef an average of only once per half hour dive, they were most likely to stand on top of the living reef. Standing on the reef would bring the snorkler into contact with large numbers of the polyps. If a part of the reef became well-traveled by divers it could end up as bare ground.

Divers taking pictures, lobstering, shelling or spearfishing were more likely to touch the coral. People with gloves on, in particular men, were more likely to touch coral rather than people without gloves.

Most of the divers who touched the coral were Florida residents rather than tourists. This may surprise some people but it doesn't surprise me. After all, just because you live in an area teeming with natural beauty doesn't mean that you will be more environmentally aware than anyone else.

Over the past five years the number of divers at the reefs has increased more than three times what it had been.

The Nature Conservancy and representatives from the dive industry believe that greater education may be the key to stopping coral-touching and its stress related damage to the polyps. I partially agree with both groups. I think that education of divers and boaters in general (anchors can cause damage) is important, but the best way to protect the coral reefs is to have stiff fines for touching coral, lots of enforcement officers, and closed areas (or at least limit public access).

ATTENTION ALL WOULD-BE OF FINE FOODS

There is to be an International Dinner on March 15. Help is needed. All cooks welcomed! Entertainment: all of you with innate talents other than eating come forth. The United Nations has decreed that this must be multi-lateral force, so if you have any input or want to help contact Sanjay, Marcia, Vera, Rob C. or Silvio.

STATE LAW

Don't forget! State law now requires that a vehicle's headlights be on whenever it's windshield wipers are on.

SUMMER COURSE

Again this summer, the Center will put on a summer course in the marine sciences for junior and or senior high school students. This program will provide at least partial summer support for two graduate students responsible for conducting the course. Anyone interested in planning or actively participating in the course should contact Bill Wise by Monday, March 4.

REMINDER

Faculty Meeting, March 18, at 0900 in Challenger 165.

PRE-MOVING SALE/GIVEAWAY

Piano - \$300, Electric Potter's Wheel - \$300, 10-Speed Bicycle - Free!! See Val in Dana 107A.

RECYCLING FISHING LINE

Many of us who are on the banks of estuaries, streams, lakes and ponds as part of our daily work routine see the problem. Tangled webs of used mono fishing line discarded by some thoughtless angler. While it may be impossible for us to pick up all of this litter, picking up some, especially at the end of a work day in the field sets a good example and removes at least part of the hazard and ugliness. Berkley Fishing Tackle is sponsoring a national collection and recycling effort. Collection bins are available from them by calling 800-BERKLEY, extension 320. We all can do a little more to protect the resource that we love and that attracted us to the fisheries profession in the first place.

BAN ON DOMESTIC DRIFTNETS

Driftnets, to which the deaths of thousands of marine mammals and birds have been attributed, have been banned from large-scale domestic use. The Dolphin Protection Consumer Information Act of 1990, signed into law on 11/28/90, prohibits use of the nets by any fleets within 200 miles of U.S. shore and by domestic fleets in any waters.

TOILET ARTIFICIAL REEFS

Artificial reefs are structures added to a body of water to attract fish and improve fishing. Tires, brush piles, concrete debris, old oil rigs and ships have been used with great success. California is often ahead on many social trends and so it is that they are planning to replace many of the high water consumption toilets with the new improved low water use models. It has been proposed that the older toilets are ideal for reef construction what with their many nooks and crannies.

EMPLOYMENT OPPORTUNITIES

The Department of Geology at Ball State University, Indiana, is seeking a tenure-track assistant professor for the 1991-92 AY. Announcement is available in the Main Office.

The U.S. Fish & Wildlife Service is re-opening its Islip, LI office and is seeking two biologists - one to serve as project leader for the LI Fish & Wildlife Enhancement Field Office and one to serve as staff specialist for the Environmental Contaminants Program. Salaries are \$33,605/year. Deadline is March 18 and March 25, respectively.

MEETINGS/CONFERENCES

Northeast Fish and Wildlife 47th Annual Conference will be held May 12-15, 1991 in Portland, Maine.

PHOTOGRAPHY EXHIBITION

The 3rd Annual USB Faculty and Staff Juried Photography Exhibition will be held March 11-14 in the Alliance Room in the Main Library.

RESEARCH EMPLOYEES COMPLAINT PROCEDURE

The Research Foundation has established new procedures for resolving employee workplace complaints. To initiate a formal complaint, an employee must notify the supervisor in writing on a "Workplace Complaint Form" within 40 days of the occurrence on which the complaint is based.

A copy must be forwarded to the Manager of the Complaint Procedure: Karen Nimmons (2-6140) for workplace complaints; Phyllis Hughes (2-6280) for discrimination complaints. Within 10 days the supervisor will confer with the employee to discuss the complaint. Within 10 days after the meeting with the employee, the supervisor will render a decision in writing furnishing a copy to the employee and the Manager of the Complaint Procedure. If the employee accepts the supervisor's decision in writing, the complaint is resolved. If not, a review of the decision by the next supervisory level may be requested.

NEW FIELD STATION IN THE BAHAMAS

A new support facility, the ABACO Field Station is opening mid-May in the Bahamas. It is designed expressly for the purpose of supporting marine science field courses. Space includes a private dock, kitchen, dining room, classroom/meeting room, study area, screened porch and two dorm-style rooms each with a bath and a separate bedroom for instructors. Cost is \$595/student/week.

UNDERGRAD RESEARCH OPPORTUNITIES

The University of Maryland Sea Grant College has two summer research programs for undergraduates:

May 31 - Aug. 23 for Research Experiences Estuarine Processes in Chesapeake Bay.

May 31 - Aug. 9 for Remote Sensing of the Oceans

TIMESHEETS

All research personnel and state professional staff must submit timesheets by March 10. State faculty must sign the roster by March 10. Anyone who does not certify their time by March 10 will have to bring their timesheet to Payroll themselves or risk delayed paychecks. If anyone does not receive a timesheet and should, see Christine between 1:00 and 5:00 in Endeavour 159.

WORKSHOP

If there is sufficient interest, Dr. Schubel and I will hold a short workshop on "How to Run a Workshop" on Monday, May 6, between 3-7 p.m. Pizza will be provided. If you will participate, please let me know what you would like on your pizza.

H. Bokuniewicz

UNIVERSITY OPEN HOUSE

The University will hold its annual open house on March 16 this year from 10:30 - 1:30 in the Indoor Sports Complex. MSRC will have an exhibit and needs faculty and staff to volunteer to speak with visitors about Center research and educational activities. Please complete the form at the bottom and return to Jeri Schoof:

Yes, you can count on me to help on March 16. I prefer the following time:

_____ 10:30 - 12:00

_____ 12:00 - 1:30

Name (Please Print)



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 7

March 18, 1991

Schedule of Events March 18-24, 1991

MON	0900	Faculty Meeting - Challenger 165
	1600	"Environmental Problems and Biospherics" S.A. Ostroumov - Endeavour 113
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar - Challenger 165 "Effects of Plankton Community Structure on Nutrient Cycling Processes in Freshwater Ecosystems." Dr. Nelson Hariston, Jr., Cornell
	1300	Meeting with Research Services regarding insurance for equipment - Challenger 165
THU		
FRI	1530	Friday Discussion Group - Challenger 163 "Habits of Productive Writers and/or Studies of Quick Starters Among New Faculty." Bob Boice, FISO

RESEARCH SERVICES

Kitty Rockett will speak with faculty and staff about three issues: cost-sharing, equipment insurance and journal entries. These areas are headaches for everyone normally, but with all the increased attention and shortness of funds she thought it might help if she could try to explain not only the process but why it is the way it is. She will be in Challenger Hall, room 165 on Wednesday, March 20 at 1:00. All are welcome.

MEETINGS

NATO Advanced Research Workshop on "Deep Sea Food Chains and Their Relation to the Global Carbon Cycle" will be April 2-5 at Texas A&M University.

"1991 Regional Assembly: Shaping the Region Tomorrow" will be in the NY Hilton on April 11.

RESEARCH FUNDING

The National Science Foundation has funding opportunities through its U.S Joint Global Ocean Flux Study Program. Brochure available in the Main Office.

SUMMER EMPLOYMENT SOUGHT

Sabine Hoelting of Glasgow, Scotland is looking for experience in field work this summer. She will complete her undergraduate work in June in Aquatic Bioscience. If you have a field project and need assistance, please come to the Main Office for her address.

NOTES FROM THE REFERENCE ROOM

The Reference Room staff has completed our inventory of MSRC dissertations and theses. We are missing quite a number of them going back to 1971. The following is a list of the author, year done and advisor for each of the missing dissertations or theses. Please take a minute to check your office or individual area now to see if you may have the original or a copy to furnish the Reference Room, as we attempt to maintain a complete collection. For those papers that remain missing, we will have to go to Special Collections in the Main Library and have copies made which is a time consuming and expensive process.

(continued on next page).

<u>Author</u>	<u>Year</u>	<u>Advisor</u>
Paul Lin	1971	M. Grant Gross
Yu-Jean Liang	1971	M. Grant Gross
Allen Li Tsao	1971	Ronald Caplan
Dewitt Davies	1972	M. Grant Gross
Richard Hoffman	1972	M. Grant Gross
Tsu-Chiu Teng	1972	Charles Wurster
Morris Beller	1972	-----
Ann Kempner	1973	Joel S. O'Connor
William Mederios	1974	John L. McHugh
Lorraine Lagna	1974	Orville Terry
Jay Ginter	1974	John L. McHugh
William Wise	1975	John L. McHugh
Jeffrey Parker	1976	Iver Duedall
Christopher Zeppie	1977	Iver Duedall
Glynis Nau-Ritter	1980	Charles Wurster
Michelle Schnitzer	1979	Wayne Esaias
Margaret Lounsbury	1981	John L. McHugh
Paul Flagg	1981	Robert Malouf
Timothy Cross	1982	Peter Woodhead
Rochelle Araujo	1983	Iver Duedall
Kim McKown	1984	W.T. Peterson
Carrie Paige	1984	H. Bokuniewicz
Moon-Jim park	1985	Gary Zarillo
Seth Yarish	1985	James Mackin
Kyeong Park	1987	Frank Roethel
Jennifer Cahalan	1988	Scott Siddall
Christopher Nelson	1988	Scott Siddall
Jonghyeon Lee	1988	James Mackin
Kenneth Swider	1988	James Mackin
Debra Keith	1985	Robert Cerrato

All theses and dissertations are now being kept alphabetically in my office and will be available for in-library use only when a staff member is present. We appreciate your cooperation.

NOTICE

THE MARITIME CENTER OF LONG ISLAND

IS LOOKING FOR

GRADUATE STUDENTS

TO SERVE DUAL ROLES ON A DAILY BASIS

AS INSTRUCTORS AND BOAT CREW

IN AN EDUCATIONAL PROGRAM FROM

APRIL 1 - MID JUNE 1991

BOATS OPERATE OUT OF HUNTINGTON, PORT JEFFERSON

AND PORT WASHINGTON

\$50/DAY (0800-1430 hrs)

IF INTERESTED, CALL DENNIS WATSON

AT (516)549-0118 AND LET ME (JERRY SCHUBEL)

KNOW IF YOU WILL BE PARTICIPATING.

MARINE SCIENCES CLUB

DATES TO REMEMBER

<u>DATES</u>	<u>EVENT</u>	<u>TOPIC</u>
March 20, 1991	Video	How Sound is Long Island Sound? Nominations for Elections
April 3, 1991	Guest Speaker	Malcolm Bowman- The Voyages of Captain Cook.
April 7, 1991	Trip	Museum of Natural History.
April 17, 1991	Guest Speaker	William Wise- Aquaculture.
April 20 or 27	Trip	New York Aquarium.
May 1, 1991	Final meeting for Spring '91 Possible Guest Speaker	Elections Jerry Schubel- Waste Management.
May 4, 1991	Final Trip	Whale Watching.

(Tentative)

All Club meetings are held in the Union, Room 216,
at 4:00 pm. Please look for flyers for any changes. Come

MARINE SCIENCES CLUB

to meetings for further information on the trips. If you cannot make it to the meetings, call Silvia (2-1868) or see Dr. Jim Makin. Anyone wishing to submit articles for the Newsletter, please call Silvia.

HOPE YOU ENJOY

THE

SPRING BREAK!

MARINE SCIENCES CLUB

HELP WANTED: Dolphin Trainers

by Chris Misciagno

Ever since I first flipped on the television and saw my first "Flipper" re-run I've been interested in dolphins. I remember watching all kind of National Geographic specials (like the ones they show on channel thirteen) in hopes of catching a glimpse of my finely finned fantasy. Anything I could get my hands on about dolphins was studied and enjoyed until the next little bit of info about them came into my little eager hands.

Then one day my parents announced that our family was going to take a trip to Walt Disney World and on our way we would stop in at Sea World. The first words out of my mouth were, "Do they have dolphins?!" And sure enough - they did! They had this fabulous show with seals, Killer Whales, and of course the back-flipping, high flying, fin waving, hoop jumping dolphins. And I said, "I want to do this when I get older. I want to play with the dolphins", I remember saying to my Mom. She said, "You don't play with them. You train them." I asked her, "How do you learn to train them?" She said, "I don't know." And from that day on, the mystery of how to become a dolphin trainer was thrown in my face and seemed unsolvable. I figured it was an impossible goal and the only way you could become one was through some act of God.

That is until a recent trip sponsored by the Marine Science Club to Mystic, Conn. taught me otherwise. When I was there I had an opportunity to speak with the head biologist there and he told me the answers to my long unanswered question..."How do you become a dolphin trainer?" He said, "It's easy!" My mouth dropped from hearing those two words in response to my question. Then I picked up my jaw and started to listen, and he told me the following information... In order to become a dolphin ~~trainer you must be a college student (or graduate) majoring (or graduated with) in a~~ science. You can apply to a program they have at Mystic for people interested in working with dolphins, tropical fish, etc. The program consists of basically working and feeding and getting familiar with the dolphins, and the training comes from on the job experience. In order to get into this program, you have to have a good reason why

MARINE SCIENCES CLUB

you want to work with dolphins so bad. The reason has to be scientific. For example, you may want to study the dolphins' language of clicks and whistles and try and figure out what they're trying to say, or you may want to try and figure out just how these amazing creatures are put together physically. Whatever the reason, it has to be better than "I like dolphins. They're cute!" If you are not a science major and still are interested in getting close to dolphins, then you can become a volunteer at Mystic and just be able to enjoy them without having to do some type of experiment on them. It also helps if you live in Connecticut because the program is quite time consuming, and commuting there is impractical. If you are really serious about studying dolphins, then you can transfer to the University of Connecticut and apply to the internship program the university has with Mystic Aquarium.

Well, after all this time the answer to my question was finally answered. The path to become a dolphin trainer is pretty straight forward. It takes a lot of time and a lot of commitment, and I think that after so many years of undying commitment to the pursuit of becoming a trainer I should be allowed to become one - sort of like an "honorary member" or something! Some how I doubt that will happen, but it's worth a shot. So, the next time anyone out there sees a "HELP WANTED:Dolphin Trainer" give me a call, and I'll apply. And if I don't get the job, well that's no problem. You see, I've moved on to my next phase. Now I want to train tigers. And you know what? I'm having a lot of problems finding some info. I asked my Mom and she didn't know. So, I guess you guys should be looking for another article from me in about ten years!





Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 8

March 25, 1991

Schedule of Events

March 25-31, 1991

SPRING BREAK!

Best Wishes for a Happy Easter/Passover!

MON	1600	"Environmental Problems and Biospherics" S. Ostroumov Endeavour 113
TUE	1700	Soundings Entries Due
WED		
THU		
FRI	1400	Main Office Closed for Holiday

MEETINGS

Human Genes and Health Risk - Scientific Ethical and Legal Considerations. April 18 in the Bishop Center, University of Connecticut.

EMPLOYMENT OPPORTUNITIES

Associate Professional Scientist, Office of Environmental Chemistry, Illinois State Water Survey. Ph.D or M.S. with 5 years experience. Deadline is March 31.

BOG CLEAN UP

We need your help once again. Phase II of the Bog Clean Up will take place on Saturday, 23 March, at 0900. We agreed to try to complete the fine job we began in December.

Unfortunately I was only notified today that Phase II would take place this weekend so I apologize for the short notice. If you can at all see your way clear, please help MSRC, the University and the Community. Meet at the bog at 0900. FREE T-shirts to MSRC participants!

SOUND WATERS INTERNSHIP

Once again Sound Waters is looking for an intern. They need a "head educator" and an intern with musical ability to lead the passengers in singing sea shanties and environmental songs. An MSRC student ran the fish identification program last year and she was described as "really terrific" but we don't know who it was. The pay is \$1200/month plus room and board. The period is 01 May through 31 October 1991. They prefer one person for the entire period, but would accept two. All information is in the Main Office.

REMINDER

The water to South Campus will be cut off almost completely on 26 and 27 March (Tue. & Wed.) so main line flow preventers can be installed. Please take any needed precautions. Thanks.

C. Jones

CAT FOR ADOPTION

Elderly cat needs more attention than being given. Very playful and affectionate. Extremely friendly. She's an indoor/outdoor cat. See Christine if interested.

FROM THE REFERENCE ROOM

We have completed our inventory of MSRC Special Reports and we are missing the following. If any of you could furnish the Reference Room with a copy of the following, it would be greatly appreciated. We have already checked with the Publications Room and the Main Office.

# of Report	Ref. #	Title	Author
48	83-2	Depuration and its implications...	Kelpin, G.
80.	87-4	Report on the Fish Community...	Woodhead
81	87-5	Assessment of the Fish...	Woodhead
82	88-1	Brown Tide Research Summary...	Wise, WM

Please remember that the Reference Room will be staffed during Spring Semester Break (March 25-29) from 9:00 am - 4:00 pm only.

HELP

If anyone has an original copy of any "Man of the Year" issue of Time Magazine, I would greatly appreciate it if I could borrow it for a slide presentation I am preparing.

Jerry Schubel

MARINE SCIENCES CLUB

SEASCAPES

by Chris Kelly

I don't know about you, but I'm tired of going to Port Jefferson for my dive shop needs only to get this courteous service and poor prices. I found a good place in Smithtown called Seascapes. They've told me they will offer two dollar fills, 10% off all items, as well as other breaks for Stony Brook students and faculty. They offer PADI instruction at the in-store pool and their very own 13 acre clear water aquari in the Hamptons. The store owns and operates the dive charter Northern Star. The shop also does repairs for most equipment. To get there, go west on 347 and make a U-turn at the Watermill Inn. It's on your right. Seascapes Dive Center. The phone number is 366-4588.

CLUB OFFICERS:

President-- Hiram Szeto

Secretary-- Silvia Seu

Treasurer-- Cathy Krupski

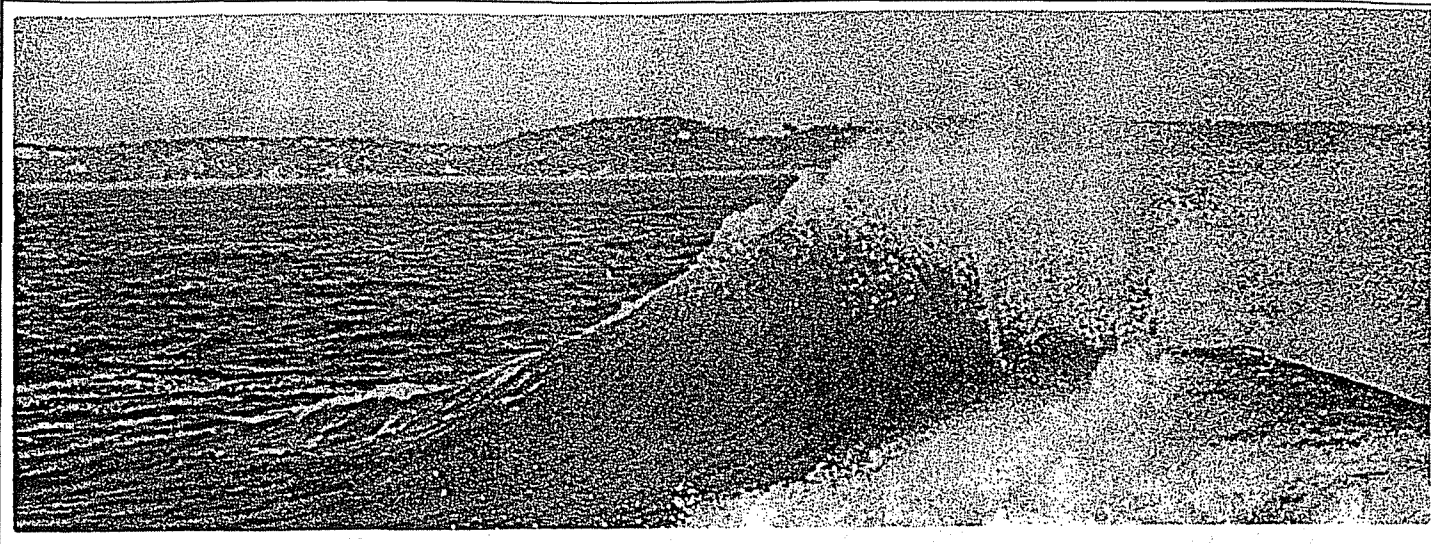


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 9

April 01, 1991

Schedule of Events April 01-05, 1991

MON	1530	Institute for Terrestrial and Planetary Atmospheric Seminar, Room B-120, Physics "Measurements of Winds in Venus' Upper Mesosphere Based on Doppler Shifts of the 2.6 mm ^{12}CO Line" Kathryn P. Shah, California Tech.
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar, Challenger 165 "The Kinetics of Pyrite Formulation and Its Control on Fe^{++} Concentrations in Pore Water" Martin Schoonen, ESS
THU		
FRI	1530	Friday Discussion Group, Challenger 163 "Bioaccumulation of Dioxins in Food Animals: Controlled Exposure Studies" R.D. Stephens, California Dept. of Health Service, Berkeley
SUN	1300	Flax to Vax Picnic

NEW COURSE FALL 1991

Larval Ecology, MAR 516, will be offered by Steve Morgan in the fall. This course will examine (1) physical, chemical, and biological processes that regulate timing of reproduction, larval dispersal and larval settlement, (2) selective forces in the plankton that shape life histories, and (3) ecological and evolutionary consequences of complex life cycles.

DEPT. OF STUDENT UNION AND ACTIVITIES AWARDS

1991 Senior Leadership and Service Award and 1991 Elizabeth D. Covey Award nominations are due by Friday, April 5. Both are for graduating seniors. The Leadership Award recognizes outstanding contributions to campus life through leadership or community service. The Covey Award recognizes a student who has exhibited outstanding contributions towards the improvement and growth of student services and student programs.

EMPLOYMENT SOUGHT/ OPPORTUNITIES

William Schade, an undergraduate at the University of Maine, is seeking a summer position as a

research assistant in the areas of marine biology or marine geology. His resume is on file in the Main Office.

The Department of Physics and Astronomy, University of Hawaii at Hilo, has an opening for a tenure-track position in physics at the assistant or associate professor level effective August 1. Deadline for applications is April 30.

WHAT IS CONGRESS' IMAGE OF SCIENTISTS?

Sarah Horrigan, formerly an assistant professor at MSRC, is currently working as an assistant to Congressman Markey. She will discuss Congress' image of scientists on Friday, April 19 at 1:30 in Challenger 165.

TIMESHEETS

All research personnel and state professional staff must submit timesheets by April 10. State faculty must sign the roster by April 10. Anyone who does not certify their time by April 10 will have to bring their timesheet to Payroll themselves or risk delayed paychecks. If anyone does not receive a timesheet and should, see Christine between 1:00 and 5:00 in Endeavour 159.

FOREIGN TRAVEL

When using federal grant funds, you must use an American airline if at all possible. Exceptions may be approved if you can document that an American carrier does not fly near your ultimate destination. This documentation must be provided each trip since airline schedules and flight paths change continuously.

MEETINGS/CONFERENCES

"Our World--Underwater" May 3-5, 1991 at the Hyatt Regency O'Hare, Chicago.

CONGRATULATIONS

J.R. Schubel was selected to be the Vice Chairman of the Natural Research Council's Marine Board. He has been a member of the Marine Board for two years and a member of the Executive Committee for the past year. The Marine Board is one of two boards of the Natural Academy of Sciences' National Research Council which deal with the ocean. The other is the Ocean Studies Board.

ELECTRONICS SHOP NEWS

Tom Wilson will be on the R/V Columbus Iselin from 9 April to 2 May. David and Henry will be staffing the Electronics Shop

during Tom's absence. Anyone who anticipates needing shop services during this time should see Tom by Tuesday, 2 April.

FOR SALE

Large Sundog day (back) pack. Little used -- as new, narrow (suitable for climbing), padded belt and shoulder straps, sternum strap, suitable for person 5'5" or taller. See Hartmut Peters, Endeavour 203 (2-8682).

Don Riepe
Director, N.Y. Chapter
American Littoral Society
28 West 9th Road
Broad Channel, NY 11693
(718) 634-6467

Smith Point Co. ta.
Feel free to volunteer
to be a captain for
other beaches
Doreen Ask me if
you need more
info.

3/17/91

Dear Beach Captain,

Spring is here and we must start planning for the next **National Beach Cleanup Day** taking place on **Sunday, Sept. 22, 1991**. If possible, please attend a meeting on **Thursday, April 4th, 4:30pm** at Roberta Weisbrod's office at NYS Dept. of Environmental Conservation, 47-40 21 Street (Hunters Point Plaza), ^{← ZIP 11101} Long Island City (2nd flr.) to discuss organization, funding, media coverage, etc. for the event. Please call Roberta to confirm: (718) 482-4992. If you cannot make the meeting, please send her the information sheet below so we can begin to coordinate needs. Last year's cleanup was the biggest ever so let's keep the momentum going. Roberta and I look forward to seeing you at the meeting or hearing from you soon.

Best wishes,

Don Riepe
Citizen Coordinator

tear off here and send to Roberta Weisbrod (address above)

Name _____ Group _____

Address _____

Phone number (work/home): _____

Alternate contact person _____ Phone # _____

Beach name and location: _____

Size of beach (yards/miles) _____ No. of people expected _____

Needs: gloves (no. pair) _____ bags (amount) _____ T-shirts _____

Is your group able to provide any funding? _____ Press coverage? _____

Do you plan to have event on Sunday, Sept. 22 _____ or Saturday, Sept. 21 _____ ?

Special needs/concerns: _____



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 10

April 08, 1991

Schedule of Events April 08-14, 1991

MON		
TUE	1200	Meeting to discuss plans for June field trip to Nova Scotia and the Bay of Fundy -- Challenger 165
	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar -- Challenger 165 "A Numerical Study of Flows Over a Tall Sea Mount" Dale Haidvogel, Rutgers
	1600	Special Seminar -- Challenger 165 "Global Change -- Toward an Unprecedented Climate in the Lifetime of Our Children?" Richard A. Anthers, University Corporation for Atmospheric Research
THU		
FRI	1530	Friday Discussion Group -- Challenger 163 "PC Applications for Scientists and Teachers" Jim Mackin, MSRC

ATTENTION AUTHORS

Dr. John B. Pierce, Deputy Center Director of the Northeast Fisheries Center is the new North American editor for the Marine Pollution Bulletin. He wrote to us earlier this week requesting that you consider submitting some of your important papers to his journal.

J.R. Schubel

REMINDER

Timesheets are due April 10!!

EMPLOYMENT OPPORTUNITIES

The Environmental Defense Fund's Eastern Water Program, located in NYC, is seeking a science intern for the summer. The likely project for this year's intern will focus on wastewater treatment impacts on marine water quality.

The U.S. Environmental Protection Agency, Region II in NYC has three potential positions for the summer. For more information contact Dr. Joel O'Connor at (212) 264-5356.

PROGRAM ANNOUNCEMENTS RECEIVED

NSF - Equipment and facilitators for research at biological field

station and marine laboratories (April 15).

USGS - National Coastal Geology Program (April 22).

EPA - Effects of ultraviolet radiation on ocean carbon cycles (May 1).

(contact Kirk Cochran for more information)

VIRUS ALERT!!

The Jerusalem virus has recently been found on Chuck Nittrouer's Dell Computer. If you have used this computer recently to print documents, please come by and see us.

AEROBICS AT MSRC?

I know an instructor who would be willing to lead an aerobic exercise class at MSRC if there is sufficient interest. Class would be held twice a week at 4:30 or 5 p.m. Cost would be \$2 per person per session. Please let me know ASAP if you are interested.

Val Gerard

SPECIAL SEMINAR

Richard A. Anthes, President of the University Corporation for Atmospheric Research (a consortium of 59 universities in pursuit of atmospheric sciences) will speak on "Global Change -- Toward an Unprecedented Climate in the Lifetime of Our Children?" This will be held Wed., April 10, 1991 at 4:00 p.m. in Challenger 165.

GRADUATE ASSISTANT POSITIONS

The following are anticipated vacancies for Fall Semester, 1991.

Assistant Residence Hall Director

Assist the Benedict RHD in daily operation of a 400 bed residence hall; assist with student discipline, programming and facilities management; participates in staff duty rotation; 20 plus hours/week. COMPENSATION: Apartment, stipend, meal plan discount, ROLM phone service and tuition waiver (must be full time matriculated, graduate student).*

Community Development Assistant

Coordinates programs that increase the level of community within a quad, such as newsletters and advising quad council; assist with preparations for discipline hearings; serves in "on call" duty rotation; participates in staff duty rotation; 20 plus hours/week. COMPENSATION: Apartment or large single room, meal plan discount, and ROLM phone service.*

*The Bachelors degree requirement for the above two positions will be waived for any individual who meets all of the following criteria:

- two years full-time work experience
- upper division student status (junior or senior)
- at least one year as a residence life paraprofessional

Office Manager

Supervise 3-5 office assistants in the Quad Office; monitor keys, core changes and key inventories; follow through with maintenance reporting system; maintain accurate forms and files in Quad Office; 20 hours/week. COMPENSATION: Apartment or large single room, meal plan discount, and ROLM phone service.

Building Coordinator for Chapin and Graduate Apartments

Coordinates educational programs appropriate to graduate students; maintains living environment that helps students complete academic objectives; serves in "on call" duty rotation; 16 hours/week. COMPENSATION: Rent waiver, ROLM phone and phone mail, 12 month position with 3 weeks vacation.

Graduate Assistant, Keller College International Studies

Coordinate educational programs that promote student awareness of international issues; assist the RHD with discipline and facilities issues; 20 plus hours/week. COMPENSATION: same as Office Manager.

APPLICATION PROCESS: Submit a resume, letter of application, and names of three (3) references to:

Graduate Assistant Search, % Dann Grindeman
Campus Residences, Central Office
The University at Stony Brook
Stony Brook, New York 11794-4444

APPLICATION DEADLINE: Monday, April 29, 4pm, 1991.

The State University of New York at Stony Brook is an affirmative action/equal opportunity educator and employer.



MEMORANDUM

Office of the Vice President for Finance and Management

TO: Blood Drive Captains & Blood Drive Participants

FROM: Glenn Watts - V.P. for Finance & Management

SUBJECT: Spring Blood Drive

DATE: March 26, 1991

I want to express my appreciation for the enthusiasm, time and effort contributed by our Blood Drive Captains in past years, and also thank all those employees who participated in the drives and made them successful. Many lives may have been prolonged, or saved, because you cared.

We were disappointed to learn last week that the head of the Long Island Blood Services has postponed all blood drives on campus pending the federal licensing of a new test for the HIV-2 virus. Campus drives in the Northeast have been the target of protests by Haitians and other minority groups because of federal Food and Drug Administration requirements that limited donations by Haitians and those from sub-Saharan countries.

In January 1991, the FDA modified its regulations to permit Haitians to donate, but individuals from sub-Saharan countries remain excluded until their blood donations can be tested for the HIV-2 virus. Blood donations are currently tested for the HIV-1 virus, but there is no effective test for the HIV-2 virus available at present for use in the United States. The HIV-2 strain is rare in the U.S., but common in sub-Saharan Africa.

Although an effective test for the HIV-2 virus is not currently available to U.S. laboratories, licensing of a new test is expected in the near future. The Long Island Blood Services will resume drives at Stony Brook and other metropolitan campuses as soon as area laboratories are able to conduct the test.

Stony Brook faculty, staff and students who had planned to donate at the Spring Blood Drives are encouraged to set up appointments with the Blood Service Unit of the Stony Brook University Hospital. The Blood Service Unit will schedule donor appointments from 7:30 a.m. to 4:00 p.m. weekdays, and on Thursday as late as 7:45 p.m. Please call 444-2626 to arrange an appointment.

Although the Spring Blood Drives are postponed, Long Island Blood Services will soon be conducting a special program to identify potential bone marrow transplantation donors. Special screening procedures are used to identify donors who can literally "give life" to many individuals undergoing chemotherapy for leukemia and other forms of cancer. The marrow transplant replaces the cancer patient's marrow destroyed by the chemotherapy.

If you would like information about this program, please call the Benefits section of Human Resources at 2-6167 or 2-6150.

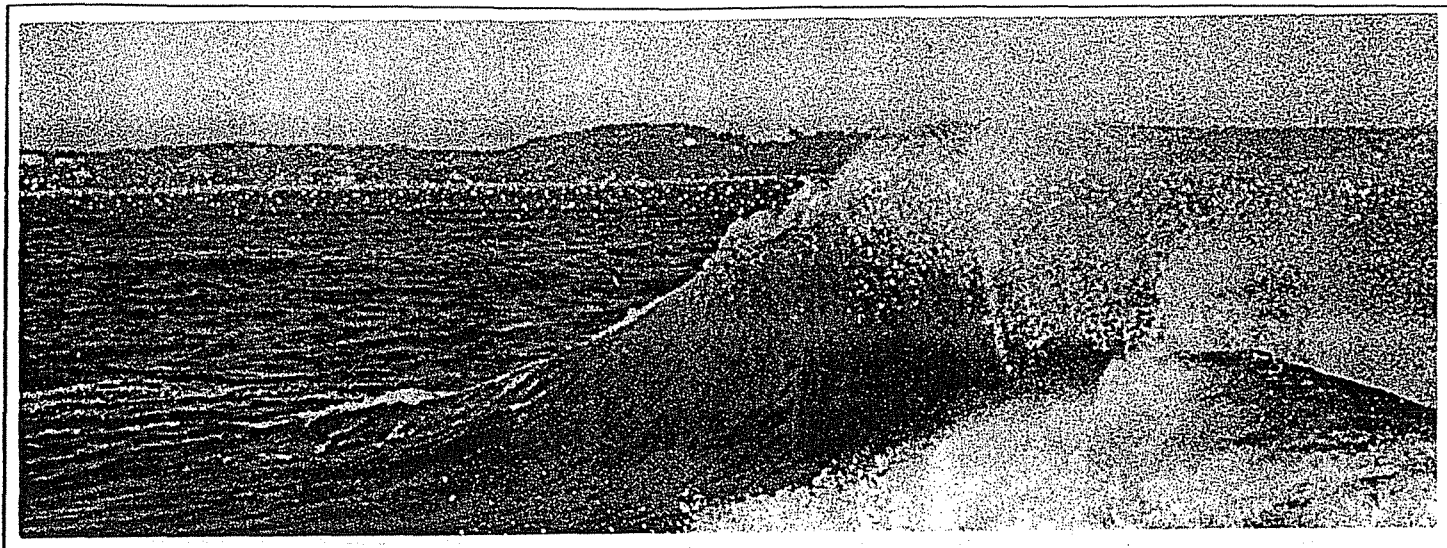


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 11

April 15, 1991

Schedule of Events April 15-21, 1991

MON		Income Tax Forms Must Be Postmarked Today
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar -- Challenger 165 "Marine Chemistry of Rare Earth Elements from Chesapeake Bay to the Sargasso Sea" Edward Sholkovitz, WHOI
	1530	Ecology and Evolution Seminar -- Life Sciences, Room 038 "Qualitative Modeling" - Dr. Tony Starfield, U. of Minnesota
THU		
FRI	1330	Special Seminar -- Challenger 165 "Congress' Image of Scientists" Sarah Horrigan, Adjunct Assistant Professor, MSRC
	1530	Friday Discussion Group -- Challenger 163 "Vertical Mixing, Pigments and Fluorescence" Miguel Olaizola, MSRC

RESEARCH SERVICES NOTES

Special arrangements have been made with Marie for NSF proposals for the May 1 deadline. If she receives: *the fully endorsed four page form, *the budget pages, *the budget justification, *the signed commitment letters for any matching commitments, *the properly endorsed subcontract proposals, and *the current and pending support statements by April 16, 5:00 p.m., the above materials would then be reviewed and made available for pick up in the reception area on April 23 after 3:00 p.m. Faculty can make the assumption that if they brought the materials in by the 16th and Marie has not called them by the 23rd that their materials will be ready on the 23rd.

Some guidelines for review:

*Fringe benefits should be budgeted at 27% for year 1 and increase the rate by .5% for subsequent years.

*Indirect costs - The rate for all years of the proposal are to be at 52.3% for on-campus activity and 31% for off-campus activity.

*On the current and pending support page, faculty are to show "all" time being devoted to the project, both the time shown on the NSF budget page and the time

they are putting in which is supported by their state salary.

MEETINGS/CONFERENCES/ CLASSES

All MSRC people are invited to attend the BNL Meeting "Primary Productivity and Biogeochemical Cycling in the Sea" which will be held at BNL from June 2-6 1991. There is no charge for attending the conference, but there is a charge for meals.

"Nuisance Plants in Aquatic Environments: Ecology and Management." May 15-16, 1991 at the Radisson Hotel, Poughkeepsie, NY.

"Summer Program and Expedition Training in Arctic and Mountain Sciences." July 1-August 25. Juneau Icefield, AK.

Geological Society of America 1991 Annual Meeting on October 21-24, San Diego, CA. Abstracts due July 3. Pre-registration due September 20. Forms in Main Office.

FELLOWSHIPS

The Simons Fellowship encourages academically talented high school students to come to Stony Brook for summer research experience. Faculty who will supervise students in their lab for a summer

research program are sought. Faculty sponsor forms are in the Main Office and must be submitted by April 20. Names and application materials from student candidates will be provided to interested faculty by late April.

AV EQUIPMENT

The problem of AV equipment not being signed out/returned continues. Please cooperate with your colleagues. Next time it may be you looking for a projector without success.

EMPLOYMENT OPPORTUNITIES

NOAA's Pacific Marine Lab is seeking an oceanographer, grade GS 13 or 14 to be an independent researcher and senior principal investigator in chemical oceanography. Closing date is April 25.

LIPIDS ANALYSIS

Mark Jackson, owner of RSS, the company that markets the Iatroscan, will be visiting J. Yen's lab from 1 p.m. Sunday, April 21 through 5 p.m. Monday, April 22. He will demonstrate the use of the Iatroscan for analyzing lipid class composition. Anyone who would like to learn this technique should

please J. Yen in Discovery 159 (2-6913) prior to his visit.

A NEW ADDRESS

Myrna is off to work on artificial and natural reef productivity. Her new address is:

Dr. Myrna Jacobson
Univ. of Miami
Rosenstiel School of Marine and
Atmospheric Science
Div. of Marine Biology & Fisheries
4600 Rickenbacker Causeway
Miami, FL 33149-1098

AVAILABLE

Round trip ticket to San Francisco. June 6-12. \$235. Contact Myrna Jacobson (473-0416) till April 20 and then Jeannette Yen.

4th ANNUAL CLEAN-UP

On April 26, the University will hold its 4th Annual Clean-up. Time slots are 9-11, 11-1 and 1-3. People are encouraged to form teams and work together. I have volunteered for the 9-11 time slot. If you would like to join my team, please let me know by Wednesday, April 17. If you prefer a different time slot or want to form your own team, see me for a sign-up form.

Jeri Schoof

RECEIVED APR 10 1991

Seminar on Nonlinear Dynamics

PHY 670.2
Professor Kahn

Fall 1991

It is clear that a rich variety of physical phenomena under investigation have roots in nonlinear aspects of theories. Often a small parameter is present which can be used as the basis of a perturbational approach to the description of the behavior.

I envisage an informal interdisciplinary seminar that attempts to draw together researchers in a variety of fields to study systems that are described as "weakly nonlinear". For example, one finds such systems in ecology, epidemics and disease, circadian rhythm, fluid flow, accelerator design, nuclear magnetic resonance, Josephson junction equations, etc. (There will be a limited discussion of problems associated with chaos.)

The seminar would be primarily for graduate students with diverse interests who are interested in nonlinear phenomena. It would use a journal such as the new "Journal of Nonlinear Science", published by Springer-Verlag as the basis for discussion. There would be an informal luncheon meeting each week at which time the general aspects of some problem would be discussed. In addition, there would also be a weekly "classroom" meeting at which time there would be a discussion of the literature relevant to the topic under discussion. Students would be active as "speakers" at the meetings. On occasion, outside speakers would join the group and share their expertise. However, the basic thrust would be for students to explore these topics and to help one another resolve the variety of questions that would emerge.

Interested students please contact Professor Kahn.

Days, Hours and Room to be announced.

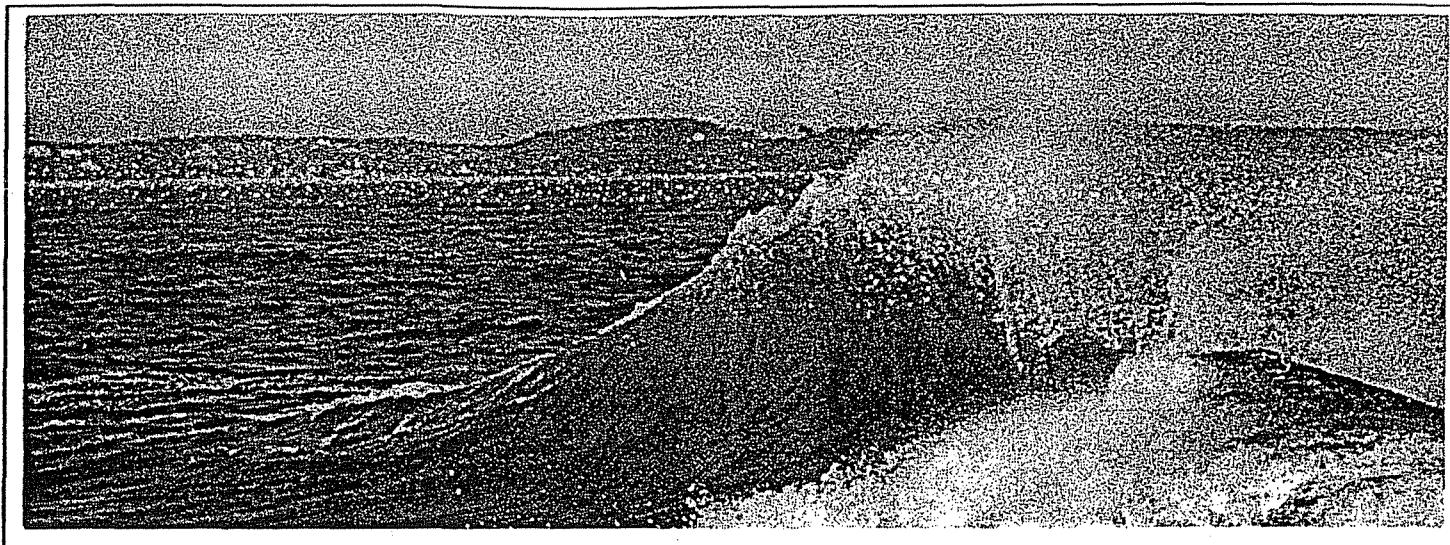


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 12

April 22, 1991

Schedule of Events April 22-28, 1991

MON	1000	Reception, Distinguished Visiting Scholar - Ken Bruland, Endeavour Lounge
	1200	DVS Seminar - Challenger 165 "Oceanic Chemistries of Particle-reactive Hydrolysis Elements: Insight from Th-234."
TUE	1200	DVS Seminar - Challenger 165 "The Importance of Methylation in the Aquatic Chemistries of Metalloids and Metals."
	1530	Physical Oceanography Journal Club - Endeavour 168 "Massively Parallel Computers and Application to Large Scale Scientific Computing." Yufan Deng, Dept. of Applied Math and Statistics
	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar - Challenger 165 "Oceanic Chemistries of Bioactive Trace Transition Metals: Interactive Influences with Plankton Productivity." Ken Bruland, DVS
THU	1200	DVS Seminar - Challenger 163 "Thoughts on the Future of Marine Chemistry." Ken Bruland, DVS
FRI	1530	CAMPUS CLEAN-UP DAY Friday Discussion Group - Challenger 163 "Summer-Winter Transitions in Polar Copepod Physiology and How Yen Adapted from Hawaii to Antarctic Conditions." Jeannette Yen, MSRC

STATE PURCHASING DEADLINES

The Deadline for submitting requisitions to Purchasing for this fiscal year is May 31. All orders must be shipped by July 26 or Purchasing will cancel the order and the funds will be lost! The new fiscal year will begin July 1 and requisitions against those funds (whatever they may be) may be submitted starting June 1.

SECRETARIES DAY

Don't forget - this is National Secretaries Week!

EMPLOYMENT OPPORTUNITIES

The National Marine Fisheries Service seeks a Hydraulic Engineer for its Portland, Oregon office. Deadline is April 30.

RESEARCH NOTES

We continue to receive proposals for Jerry Schubel's signature without the extra file copy for the Main Office. It is our policy (which has not been strictly enforced) to return proposals without the signature if the file copy is not included. This is a warning that this policy will be enforced effective April 22.

J. Schoof

SEARCHING FOR EMPLOYMENT

Christopher Post is seeking half-time employment as a laboratory research assistant. He is employed 1/2 time as a laboratory technician by Barbara Bently in Ecology and Evolution. Chris has a B.S. in Biology from Reed College, has chemical and biological lab experience, and has conducted research in the area of nitrogen fixation. Anyone with an interest in hiring Chris (even for the summer) can contact him at 2-8583 or 474-1569.

Jungin Wertz from Brooklyn College will be a new graduate student at MSRC in the fall. She would like to move to Stony Brook this summer and work on a research project, if support is available. If you could use extra help this summer, call Jungin at 718-858-0593 or contact Val Gerard.

NO AEROBICS AT MSRC

Thanks to all who expressed interest in an aerobics course at MSRC. The response was enthusiastic but not quite high enough in volume to justify the time and effort of an instructor. Maybe we'll try again some other time.

Val

NOTES FROM THE REFERENCE ROOM

The Stony Brook Automated Retrieval System (STARS) can now be accessed (when my office is closed) in the Terminal Room in Endeavour Hall, Room 177. It should be running on one of the computers at all times. For further information, please see George E. Carroll.

In addition to conventional literature searching, in which bibliographic references are retrieved on specific topics, the ASFA CD-ROM can also serve as a multipurpose directory of the aquatic sciences.

1)Mailing List Source - Over 30,000 records are added each year. Assuming an average 2.2 authors per paper that translates to some 60,000 current authors and addresses that can be searched by topic, region, etc., down loaded and converted with a work processing package into mailing labels, form letters, etc.

2)Index to Common Names - a quick way to look up the Latin taxonomic names for aquatic organisms when you only have the common name, and vice versa.

3)Multilingual Technical Dictionary - If you need to look up an unusual technical term or foreign word and can't find it in your usual references, seeing it in

context in an abstract or title can often help. ASFA includes original titles in some 40 languages, accompanied by their English translations.

4)Address Locator/Zip Code - Quicker than looking in a specialized directory, you can retrieve an author's/ organization's address, check the street address and zip code, and verify that you have the correct spelling.

CONFERENCE

The 9th Annual PC EXPO in New York will be held at the Javits Center in Manhattan June 25-27, 1991. A large number of vendors will be on hand demonstrating both hardware and software for the MS-DOS microcomputer community. In addition, seminar and tutorial sessions will be held. Advance registration must be received by June 17. Advance registration forms and further details are available in my office.

George E. Carroll

NOTICE!

Faculty meeting is rescheduled for May 13 at 1 pm in Challenger 165.

CONFERENCES

"A Statewide coastal Conference"
June 10-11, 1991, Albany, NY;
sponsored by the Governor's Task
Force in Coastal Resources.

SUMMER HOURS

Most University offices will
operate on summer hours (i.e. 8-4
pm) effective May 21 through
August 26 as an energy-saving
measure.

HOUSING NEEDED

Alberto Figueiredo and his wife
are looking for a place to live for
the month of August. They would
be interested in house-sitting if
you are going on vacation for the
month. They are flexible on size
and location. Please contact
Alberto in Endeavour 129 or at
home at 331-1743.

CONGRATULATIONS!!

Akira Okubo was awarded the
MSRC Associates Distinguished
Teaching Award for 1990/91 by
MSRC's students. He will be

presented a \$200 check and
certificate in the near future.

FLAX POND CLEAN-UP

We need your help to clean up the
Flax Pond marsh. On Saturday,
May 18 at 10 am we will meet at
the Flax Pond Lab parking lot.
Please wear your boots and your
garbage picking clothes. All
participants will be entitled to
receive one or more souvenir
tires. These tires make attractive
planters for the front yard or can
be fashioned into decorative
coffee tables. Refreshments will
be served and lavish praise
heaped on all. Please call David
Berg at 2-8709 or leave a note in
my mailbox.

FLAX POND SAMPLES AND DATA BOOKS

The Flax Pond Lab has
accumulated many mystery
samples and several unlabelled
data books. If you can lay claim
to any of these or need some
"unknowns" to fill in some of your
missing data please pick them up
by the end of the month or
Bianculi and Sons will find a more
permanent resting place for them.
Please call David Berg at 2-8709
or leave a note in my mailbox.

OPPORTUNITY FOR STUDENT INTERN(S)

The NYS DEC's Division of Hazardous Waste Remediation seeks a student intern(s) to assist it's Citizen participation Program in Region 1 (Nassau and Suffolk counties). The program seeks to enable full, two-way communication between the public and our department on the identification, investigation, and remediation (clean-up) of inactive hazardous waste sites. To do this, it is essential to analyze and appreciate the views and information of various sectors of the public. These sectors include; residents in the area of a site, interested/affected public interest groups, government at different levels, economic interest, and the press. Our program seeks to inform the public; early-on, and on a protective and continuing basis, about the procedures for and milestones in the efforts to eliminate any threats to the environment or public health posed by such sites. Just as importantly, we need to learn more from the public; about community interest and needs, and about the circumstances associated with a site. An intern(s) may also have the opportunity for involvement with the LI Citizen's Advisory Committee on Hazardous Waste (LICAC). LICAC operates primarily at the policy/process level, rather than on specific sites.

Further details about an internship would be determined between the intern, academic advisor, and Region 1's citizen participation specialist in hazardous waste. In this way, arrangements can be reached that are beneficial and instructive for all parties. Though the department cannot pay an intern, academic course credit is possible and incidental expected can be covered. For more information please contact Joshua Epstein, citizen participation specialist, at 751-5078. Larry Swanson also has a list of tasks that are to be performed.

GOVERNMENTAL INFORMATION AVAILABLE

In continuing the ideas that Sarah Horrigan brought up at her seminar this month, some of you may not be aware of the governmental information available at your computerized fingertips. You can access a government menu through All-in-1's BB (bulletin board). After getting into BB, access DB (department bulletins), then GOV. The menu you will then get includes MA (mailing addresses - a listing of up-to-date addresses for town supervisors, Nassau and Suffolk County legislators, state assemblymen and senators, and U.S. congressmen and senators); PA (political activity - lists bills and rulings currently under

discussion or consideration for adoption); PH (public hearings); FR (federal register); and RN (research university network). This last menu option is most interesting. It has news blurbs on such things as the ongoing fall-out in Washington over the indirect cost scandals, workshops being held on issues involving science and higher education; and "news-breaking" scientific findings. If you don't have time to read the newspapers, this should be your alternative way to keep up on science and education politics.

Trudy Bell

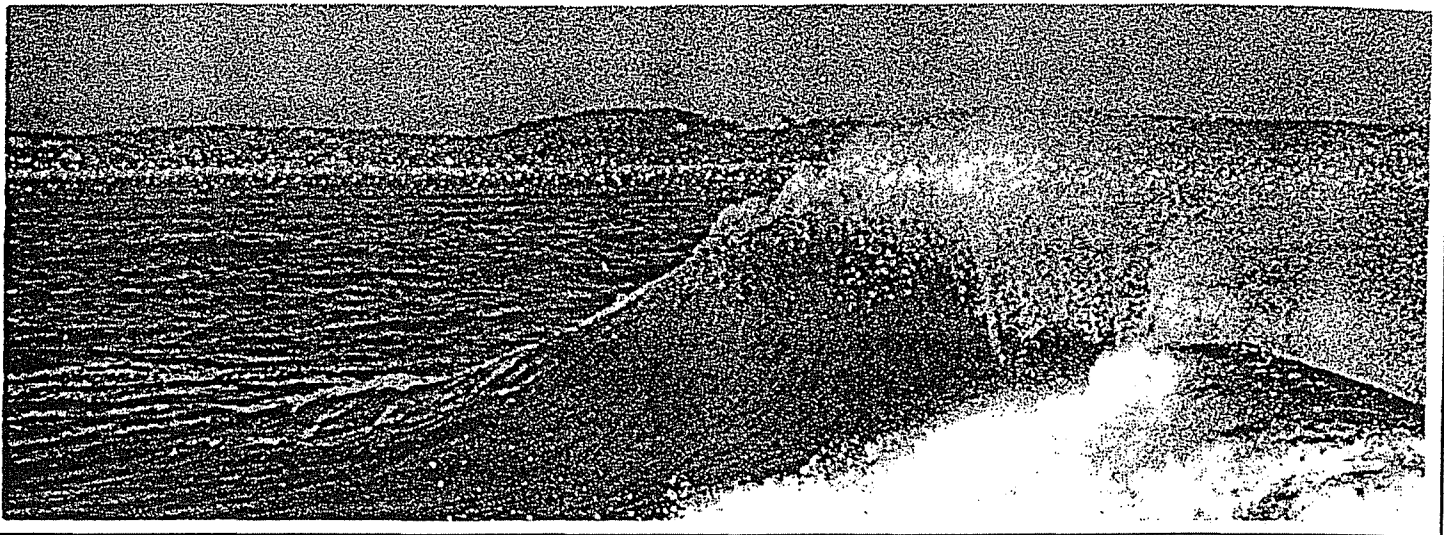


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 16

May 20, 1991

Schedule of Events
May 20-June 2, 1991

THURSDAY, MAY 23

Visiting Committee meets at MSRC

WEDNESDAY, MAY 29

Deadline for Soundings
for June issue

EMPLOYMENT OPPORTUNITIES

The Environmental Branch of the U.S. Army Corps of Engineers has three positions available. They do mega-project EIS's and monitoring of large coastal projects. They have also simplified their job application procedure. If you're interested call Mr. Len Houston at 212-264-1275 as soon as possible.

The Office of Ocean and Coastal Resource Management Coastal Programs Division has openings for 5 Program Specialists. Starting salary is \$25,717. Write Mrs. Debra L. Walker-Smith, Program Specialist, Office of Ocean and Coastal Resource Management., Coastal Programs Division, 1825 Connecticut Avenue, N.W., Room 724, Washington, DC 20235 for a copy of the vacancy announcement which will be ready soon.

The University of Lund, Sweden seeks a full professor in limnology for January 1992. Application deadline is June 5.

AWARD AVAILABLE

The American Society of Mechanical Engineers, Ocean Engineering Division is pleased to announce the 6th Annual

Best Student Project Award. This national award is made in recognition of the outstanding project in an ocean engineering discipline prepared by a student or a group of students enrolled in a U.S. university, college or institution. Entries can be in a variety of formats including but not limited to papers, reports, drawings, models or videotapes. Students are encouraged to submit entries for projects which may be part of their required course work.

SOUNDINGS SUMMER SCHEDULE

To give the editor a reprieve and in recognition of the decrease in seminars and meetings (hopefully), over the summer Soundings will appear on the 1st Monday of each month: June 3, July 1, August 5 and September 2. Soundings will resume weekly publication on September 9. Deadline for material for summer issues will be the last Wednesday of each month. Reminders will appear in each issue.

HELP!!!

We still have some students without prospects of support for the summer. We don't want the summer to be "lost time"

for anyone so if you can help these people get through the summer please let me know immediately!!!

We desperately need some rooms nearby for our summer fellows. These are college students who will be working at the Center for two months during the summer. Even if you don't need the money but have the space, please help.

H. Bokuniewicz

ADVANCE NOTICE

I'll be on vacation from June 4-June 26. Please try to anticipate your crises so I can help before I leave or hold them at bay until I return.

J. Schoof

CONGRATULATIONS!!!

Congratulations to Mindy Zimmerman and Andrew Berger on the birth of their son, Eric, who arrived on May 15, 1991 (7 lbs. 10 oz.).

PROGRAMS

ANNOUNCEMENTS RECEIVED

(for further information contact Kirk Cochran)

NSF - Inter disciplinary Coastal Studies; August 1, 1991

NASA - Innovative Research Program; August 1, 1991

- Shiptime available on R/V Cape Henlopea

CAT AND HOUSESITTER NEEDED

From July 13 to August 12 we once again need someone to feed and pet our cat, water the plants, and live in our house in Port Jefferson (Harbor Hills section). In case of interest, please contact Hartmut Peters in End. 203; 2-8682.

BLOOD DONERS NEEDED

There are notoriously too few blood donors in the U.S.; everybody expects that blood is available at hospitals, but very few bother to donate. Anyone may be the next to need blood, and everyone should consider calling the University Hospital Blood Bank at 444-2634; they are really nice people. Making an appointment with the Blood Bank is a convenient alternative to the momentarily defunct Blood Drive.

HOPE TO SEE YOU SOON

On 16 May I will leave MSRC for a research position at the University of South Carolina. I look forward to returning to the South but regret leaving all the folks at MSRC that I have worked with, socialized with, or just greeted in the hallways. Future professional and personal dealings will keep me in contact with MSRC so I will not say "good-bye" but "hope to see you soon." Good luck to all!



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 17

June 3, 1991

Schedule of Events June, 1991

No Events are Scheduled

Have A Good Month!!

Wednesday, June 26
Deadline for Soundings for July Issue

EMPLOYMENT OPPORTUNITIES

The Suffolk County Water Authority is seeking a student intern for Summer 1991. Familiarity with geographic information systems, or specific knowledge of the ARC/INFO environment desirable. Salary negotiable.

TIMESHEETS

All research personnel and state professional staff must submit timesheets by June 10. State faculty must sign the roster by June 10. Anyone who does not certify their time by June 10 will have to bring their timesheet to Payroll themselves or risk delayed paychecks. If anyone does not receive a timesheet and should, *see Christine between 1 and 5 in Endeavour 159.*

A BIG FAVOR

I need a van for a field trip (7-8 people) between 1 July and 3 July. There are none available at Motor Pool. If anyone has one checked out that I might use during that period, I'd appreciate their help.

H. Bokuniewicz

SUMMER POSITION

Joshua Nagel, a junior at Oceanside High School, is interested in a summer position in a lab at MSRC. Joshua has taken a variety of science courses and appears to be a very excellent student. If you can use an intelligent, strongly-motivated individual in your lab this summer, see Bill Wise or contact Joshua at 764-7438; suggest you call after 5 pm.

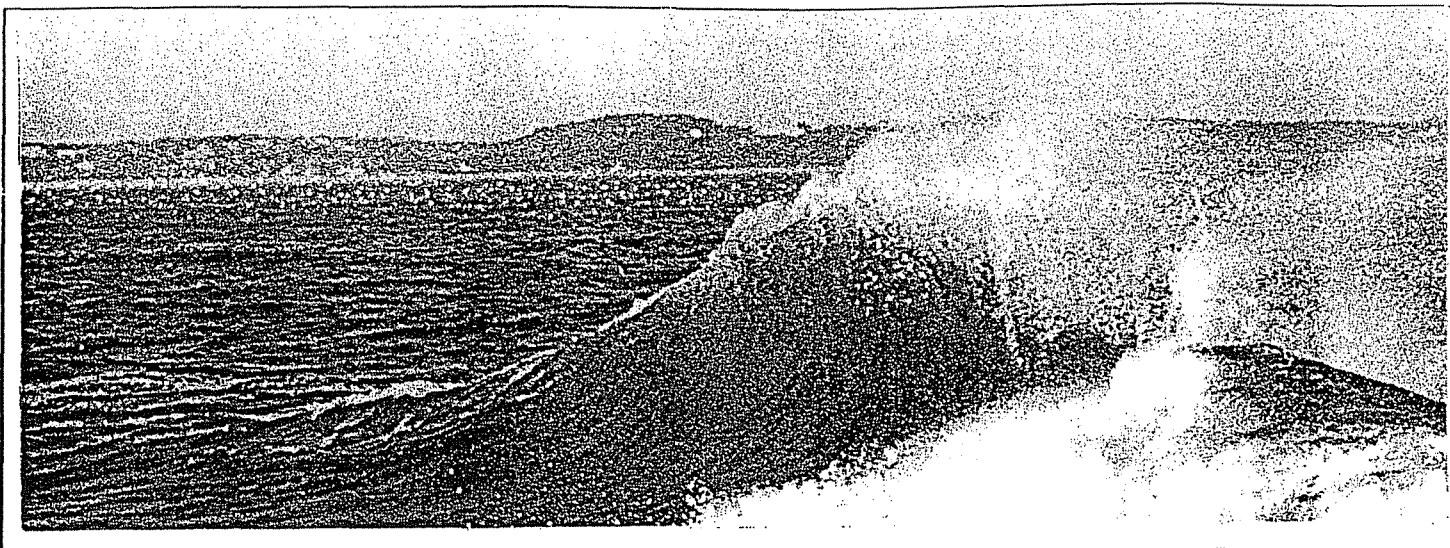


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 18

June 3, 1991

Schedule of Events July, 1991

Have A Good Month!!

Wednesday, JULY 24

Deadline for Soundings for August Issue

STAUDTE AWARD

Because of lack of interest, we did not get any applications for the Staudte Award which is intended to support research of importance to resolving a pressing societal problem. The award is \$200.

We are reopening the application process. Proposals consisting of 3-5 pages with a letter from the student's advisor must be submitted to Mary Scranton by July 15.

PAYCHECK POLICY

It is extremely important that you sign for your check or anyone else's check that you pick up. The Main Office is held responsible for check distribution and it causes a great deal of havoc if you remove a check and there is no record of who took it. If this continues to happen, we will need to revert to the system used by most departments - checks are handed out personally and signed for in the presence of a secretary. This will slow things down and inconvenience people but we'll have no alternative if we do not receive your cooperation.

A VOLUNTEER

Monika Sasvary, a high school student, is interested in doing volunteer work in a faculty lab. She is 15 years old and could work 2 or 3 half days each week. Her phone number is 751-8210 or 751-5390.

TIMESHEETS

All research personnel and state professional staff must submit timesheets by July 10. State faculty must sign the roster by July 10. Anyone who does not certify their time by July 10 will have to bring their timesheet to Payroll themselves or risk delayed paychecks. If anyone does not receive a timesheet and should, *see Christine between 1 and 5 pm in Endeavour 159.*

A NOTE FROM MOSCOW

Dear Colleagues,

It was nice to meet you at MSRC and to cooperate with you working on the proposal about a future partnership in remediation of aquatic environmental problems. Thank you for your cooperation

and for opportunities to work
in your laboratories. Thank
you for giving me an
opportunity to share a part of
my expertise with your
students - especially those who
participated in our seminar. It
is my pleasure to send you my
best wishes and regards from
Moscow.

Sincerely,

Sergei Ostroumov

AN ADDITION

I am very pleased to announce
the birth of our daughter
Rachel Mirabelle Comeau
Fuhrman born on 24 March
1991 and weighing in at 8 lbs.
15 oz. Mother and baby are
doing fine.

Jed Fuhrman



Town of
Brookhaven
New York



Saturday, June 15: 8:30 AM to 4:00 PM
Town of Brookhaven Airport
135 Dawn Dr., Shirley

Saturday, August 3: 8:30 AM to 4:00 PM
New Village Recreation Center
corner of Wireless Rd. and Hawkins Rd., South
Setauket/Centereach (entrance on Wireless Rd.)

Hazardous household wastes ACCEPTED at the STOP collection facility:

- | | | |
|--|--------------------------|---------------------------------------|
| • acids | • drain cleaners | • paint removers and thinner |
| • adhesives | • fertilizer, liquid/dry | • pesticides |
| • aerosols | • fungicides | • photographic chemicals and supplies |
| • antifreeze | • flea dips and powders | • pool chemicals |
| • batteries (automobile and household) | • gasoline | • rug cleaners |
| • brake and transmission fluid | • home chemistry sets | • solvents |
| • caustic soda | • insecticides | • spot removers |
| • cesspool and septic tank cleaners | • kerosene | • stains and varnishes |
| • cleaning solvents | • lye | • flammable liquids |
| • degreasers | • oven cleaners | • used motor oil. |
| • disinfectants | • oil-based paints | |

Waste that the STOP program CANNOT accept:

- | | |
|---|--|
| • explosives | • any substance containing pentachlorophenol (such as wood preservatives) |
| • infectious wastes | • propane tanks (contact Waste Management, 415-6222) |
| • commercial and institutional wastes | • fire extinguishers |
| • large drums (e.g. 40-55 gallon sizes) [for removal of these drums contact Waste Management at 451-6222] | • any product containing 2,4,5-T; 2,4,5-TP; or Silvex, (e.g. weed killers) |
| • radioactive materials (smoke detectors) | |

Residents must bring proof of Town residency

The following restrictions apply:

- No leaking containers
- All waste containers become the property of the Town of Brookhaven
- No wastes can be left at the site without being registered by the Town
- Asbestos: special restrictions apply; please call Waste Management, 451-6222
- Other restrictions may also be in effect.

For further information, please call the Department
Waste Management at 451-6222.



Town of
Brookhaven
New York

HENRIETTA ACAMPORA
Supervisor

Town Council
GEORGE DAVIS
EUGENE GERRARD
JOHN LA MURA
ANTHONY LOSQUADRO
JOSEPH MACCHIA
JOHN POWELL

F. DANIEL MOLONEY, Receiver of Taxes
HAROLD H. MALKMES, Superintendent of Highways
STANLEY ALLAN, Town Clerk



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 20

September 9, 1991

Schedule of Events September 9-15, 1991

MON		
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar, Challenger 165 "Tectonic Influences on Carbonate Platforms" Al Hine, Univ. South Florida
THU		
FRI	1530	Friday Discussion Group, Challenger 163 "Volcanoes" Harmut Peters, MSRC

CONGRATULATIONS

David Conover's paper, "The Relation Between Capacity for Growth and length of the Growing Season: Evidence and Implications of Countergradient Variation" was selected by the American Fisheries Society as the most significant paper published in its transactions during 1990.

Akira Okubo's paper, "Spread of Invading Organisms" was selected by the U.S. Chapter of the International Association for Landscape Ecology as the Best Publication in Landscape Ecology for 1991.

TIMESHEETS

Research-supported students are no longer required to complete timesheets but must sign a monthly roster. Please see Laura Richardson.

All research and state staff must submit timesheets by September 10. If you did not receive a timesheet for August, please see Jeri Schoof.

MEETINGS/CONFERENCES

The Hofstra Cultural Center has issued a Call for Papers for its 1992 conference, "The Next Long Island Hurricane!!! Are We Ready for the 'Big One'?" A letter of intent with an abstract is due November 15, 1991. Completed papers are due March 15, 1992.

PERSONNEL CHANGES

Christine Murillo has transferred to the University's Traffic Office. Until a replacement for Christine is appointed:

- Jeri will take care of timesheets
- Gina will order supplies and type Soundings
- Joanne will transmit faxes and take care of the copiers.

PUBLICATIONS/REPORTS AVAILABLE

If you would like to review a copy of the draft report of the Governor's Task Force on Coastal Resources, please see Gina. A limited supply is available.

ASSISTANCE NEEDED

On Saturday, September 21, MSRC will have a table at Smithaven Mall in recognition of Coast Week. The table must have coverage from 9:30 a.m. to 9:30 p.m. so at least 10 volunteers are needed. Please see Trudy Bell if you can spare an hour.

BENEFITS

Any Research Foundation employee who is terminating on a grant and will be applying for unemployment benefits should see Jeri Schoof to obtain a benefit form. It will help to expedite prompt payment of benefits.

EMPLOYMENT OPPORTUNITIES

The University of the Virgin Islands has an opening for a Research Assistant Professor of Marine Ecology. Salary range \$30,679 to \$42,468 for academic year.

The Center for Environmental and Estuarine Studies in Solomons, MD, is seeking 4 Faculty Research Assistants (2 senior coordinators and 2 technicians) for fishery-independent field sampling in the Chesapeake Bay. B.S. or M.S. in biological sciences and field experience required.

The National Oceanic and Atmospheric Administration is seeking a Surveying Technician (GS 5, 6 or 7) for its Rio Vista California office.

The Conservation Fund is seeking an Intern for its Chapel Hill, NC office to concentrate on expansion of the American Greenways Program in the Southeast. Salary \$1,800/mo.

Lori Palmer needs a student assistant with darkroom experience in black and white developing and printing and on-location photography experience. This would be 10 hours per week for \$1,300 per semester.

The University of Oregon seeks applicants for a tenure track faculty position in the Department of Biology at the Assistant Professor level. Closing date September 15.

The Mary Ingraham Bunting Institute of Radcliffe College has 8 residential

fellowships for postdoctoral women scientists who are U.S. citizens or permanent residents. Deadline for applications is October 15, 1991. Stipend is \$29,000.

The Center for Marine Conservation seeks a Senior Staff Member for its Habitat Conservation/Marine Protected Areas Program. Salary range upper 20's-low 30's.

POSITIONS SOUGHT

Michael Finnigan has a B.S. in marine science from LIU and seeks a position in fisheries or marine biology.

Barbara McCraith has an M.S. in biology from Winthrop College in South Carolina and seeks a technician position.

UNIX WORKSTATION

A Unix workstation has been purchased from funds provided by indirect cost return from the Research Foundation and grants of H. Peters, M. Bowman, D.-P. Wang and R. Wilson. The computer is a SPARCstation 2 by Sun Microsystems. It is open to the entire MSRC, including students -- one of the purposes of the system is to enable students to become familiar with Unix.

The workstation is being administrated by Harmut Peters; accounts are obtained from him. Access to the machine is through the computer

network; any terminal of MSRC's vax or any PC/terminal connected to the ROLM phone system or equipped with a modem and communications software will do.

Address:
sunhp.msrm.sunysb.edu (129.49.28.6)

As Harmut Peters' duties are not those of a computer manager, he cannot and will not provide any assistance beyond setting up people's accounts: concerning your problems with Unix or any other software you will be on your own (just as H.P. is on his own as system administrator).

8MM PROJECTOR NEEDED

Does anybody have an N8/S8 movie projector which I could borrow?

Harmut Peters
2-8682
Endeavour 203

SPRING 1992 SEMINAR SERIES

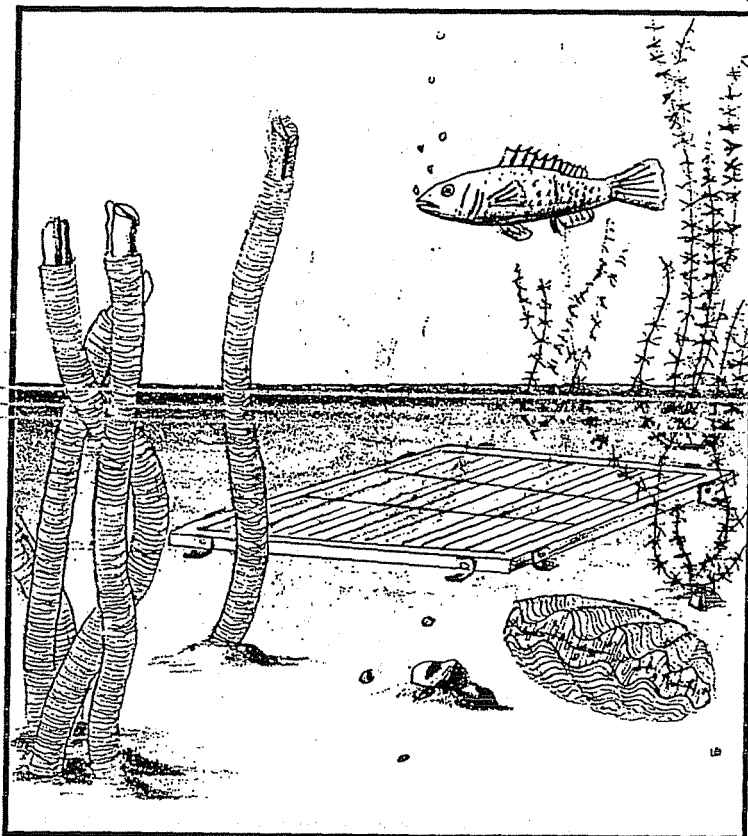
Akira Okubo and I are jointly organizing the Spring 1992 Wednesday seminars. Now is the time for faculty and students to give us your suggestions of potential speakers. We are looking for a diverse and interesting group of speakers (about 14 in all) who will give both students and faculty a wide perspective on contemporary marine sciences research.

Our budget is limited; we can pay an honorarium and a contribution towards travel. If you would like to host a speaker, please identify him or her to us, and we will work with you on scheduling a date.

Malcolm Bowman

HIGH TIDE

Michael Steinberg



Deep Sea Hydrothermal Vent



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 22

September 23, 1991

Schedule of Events September 23-29, 1991

MON	1200	Student Meeting, Challenger 165 (Bring Lunch)
TUE	1700	Soundings Entries Due
WED	1200	MSRC Weekly Seminar, Challenger 165 "Biochemical Cycling of Iron and Manganese in Aquatic Ecosystems" Ken Nealson, University of Wisconsin
THU		
FRI	1530	Friday Discussion Group, Challenger 163 "The Ecology of Viruses Which Lyse the Marine Phytoplankton, <u>Micromonas Pusila</u> " Matt Cottrell, MSRC

FACULTY MEETING

The next faculty meeting will be held on Friday, October 11 at 0900 in Challenger 165. Please give agenda items to Jeri by Monday, October 7.

An anonymous person suggested the following Wednesday seminar speakers: Ken Sehens, Diane Stoecken, Gary Tagnon, Hans Dam. Please identify yourself so we can discuss this further.

GENERAL STORE NEWS

Malcolm Bowman

The deadline for ordering an MSRC jacket is Friday, September 27. The price is \$45.00 payable upon placement of the order. Checks should be made payable to the Stony Brook Foundation. See Jeri for color selections.

A CHANCE TO ACQUIRE ART AND HELP THE KIDS

Stony Brook Child Care Services, Inc. needs your help. There will be an art auction the evening of 28 October at the Radisson Islandia Hotel. Tickets are \$7.50. For information, please see Jerry Schubel. Stony Brook Child Care Services is important to all of us in the Stony Brook community and needs your support. Please help!

NOTICES

Does anyone own a shelf full of physical and organic chemistry textbooks in Endeavour 131? Please come and claim them if they are yours or let us know if you can identify the owner. If the books are not claimed by October 15, they will be given away to the library or anyone who wants them.

Kate and Yan Shi

Doreen Monteleone is being considered for an appointment to MSRC's research faculty. She will give a seminar on Monday, September 30 at noon in Challenger 165 on "Maternal Effects on Survival, Growth and Vulnerability to Predation of Early Life Stages of Chesapeake Bay Striped Bass (Morone Saxatilis)."

NOTES FROM THE REFERENCE ROOM

Approximately 90% of our new students attended one of the library seminars on how to use our computer databases, ILL procedures, library policies, etc. We are gratified that so many of you chose to attend, which can only mean increased library efficiency in getting you the research and study materials that you need.

Please note again that in addition to our regular hours of Monday-Friday from 9:00 a.m. to 5:00 p.m., we are now open Tuesday evenings until 8:00 p.m. and on Saturdays from 10:00 a.m.

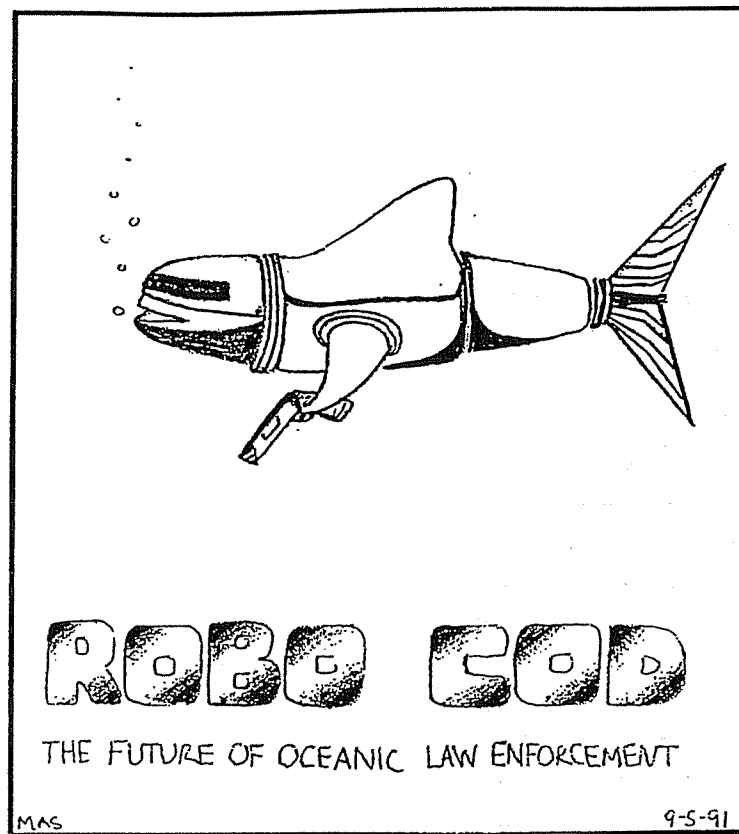
until 1:00 p.m. When our budgetary situation improves, we hope to further extend our hours of operation.

Our Reference Room is one of the few remaining libraries at Stony Brook where the faculty and students have keys and 24-hour access to the book and journal areas. It has been brought to our attention that a small number of journals and books are currently missing from their respective areas. We would appreciate it if all faculty, staff and students would take a few minutes of their time and check their respective offices for any journals, books or theses that belong in the library. We would be happy to pick them up in your office if you would just call us at 2-8679 or leave a note in my mailbox.

Please remember that journals and theses cannot be checked out and that books can be borrowed for thirty days if you sign them out and leave us the book card if the library is not staffed at that time.

Remember, this open access policy can continue only with the support and cooperation of all members of MSRC.

Larry Herschenfeld



From:

Fisheries News/Vol. 2 No. 5

(A service of the American Fisheries Society)

McCatfish Tested

McDonalds recently completed testing of a farm-raised catfish sandwich in over 200 outlets in Alabama, Tennessee, Mississippi, and Georgia. The one month promotion was accompanied by a TV and radio advertising campaign. The "Crispy Catfish Sandwich," selling for \$1.89, was a 2.3 oz. catfish fillet with lettuce and honey-mustard sauce on a homestyle roll; cajun hot sauce was offered on the side. Testing went very well, particularly in the Memphis and Mississippi areas — closer to the source for the catfish. McDonalds would not say whether a national campaign for the sandwich might be in the works.

Colorado Heads List of Endangered Rivers

American Rivers recently released its annual listing of the ten most endangered rivers of the United States for 1991. The organization uses the listings to increase awareness of the threats to river ecosystems. The ten most endangered rivers are:

- 1) Colorado River, Arizona
- 2) Alsek and Tatshenshini Rivers, Alaska and Canada
- 3) American River, Calif.
- 4) Penobscot River, Maine
- 5) Susquehanna River, Penn.
- 6) Upper Mississippi River
- 7) Columbia & Snake Rivers
- 8) Gunnison River, Colorado
- 9) Passaic River, New Jersey
- 10) New River, N. Carolina

For details contact John Echeverria, American Rivers, 801 Pennsylvania Ave. SE, Suite 303, Washington, DC 20003 (202) 547-6000

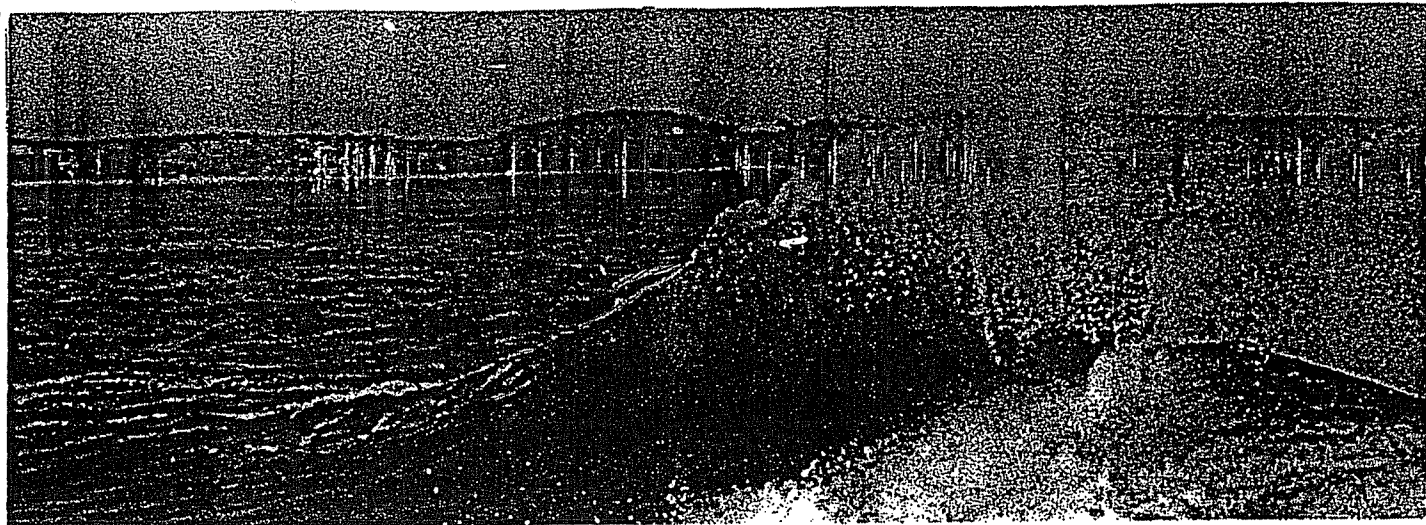


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 23

September 30, 1991

Schedule of Events September 30 - October 4, 1991

MON	1200	Special Seminar, Challenger 165 "Maternal Effects on Survival, Growth and Vulnerability to Predation of Early Life Stages of Chesapeake Bay Striped Bass (<i>Morone Saxatilis</i>).\" Doreen Monteleone, Candidate for MSRC's Research Faculty
TUE	1700	Soundings Entries Due to Jeri Schoof
WED	1030	Executive Committee Meeting, Endeavour 139
	1200	MSRC Weekly Seminar, Challenger 165 "Thermohaline Circulation of the World Ocean" Arnold Gordon, Lamon-Doherty
THU	1130	Physical Oceanography Journal Club, Endeavour 168 "Mapping Bottom Topography Using In-Situ Fluorometry" Charles Lwiza, MSRC
	1400	Special-Seminar, Challenger-163 "Spectroscopic Studies of Clays and Associated Oxides: Key Examples on the Kaolinite-Fe Oxides Association in Various Geological Environments at the Earth's Surface." Dr. Jean-Pierre Muller, University of Paris
FRI	1530	Friday Discussion Group, Challenger 163 "Fitness and Birthdate in a Live-Bearing Fish" Eric Schultz, MSRC

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. The text also mentions the need for regular audits to ensure that all financial data is correctly recorded and reported.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes the process of gathering information from different sources and how this data is then used to make informed decisions. The text also touches upon the challenges of data collection and the importance of using reliable sources.

3. The third part of the document focuses on the role of technology in modern data management. It discusses how various software tools and platforms have revolutionized the way data is stored, processed, and analyzed. The text also mentions the importance of staying updated with the latest technological advancements in the field.

4. The fourth part of the document discusses the ethical considerations surrounding data collection and analysis. It highlights the importance of protecting personal information and ensuring that data is used responsibly. The text also mentions the need for clear policies and guidelines to govern the use of data.

5. The fifth part of the document discusses the future of data management. It explores emerging trends and technologies that are expected to shape the field in the coming years. The text also mentions the ongoing challenges and the need for continued research and innovation.

6. The sixth part of the document discusses the importance of data security. It emphasizes the need for robust security measures to protect data from unauthorized access and breaches. The text also mentions the role of encryption and other security protocols in ensuring data integrity.

7. The seventh part of the document discusses the role of data in decision-making. It highlights how data-driven insights can help organizations make more informed choices and improve their overall performance. The text also mentions the importance of effective communication in sharing data insights with stakeholders.

8. The eighth part of the document discusses the importance of data literacy. It emphasizes the need for individuals to have a basic understanding of data and its applications. The text also mentions the role of education and training in developing data literacy skills.

PROPOSAL PROCEDURES

~~This is~~ a reminder that all proposals left for the Director's signature must include a file copy of the 4-page form and proposal for the Main Office. Proposals left without a file copy will be returned unsigned. It's not that I want to be arbitrary, but I don't have the time to keep following up on copies and you don't give us sufficient time to get them copied before you need them back.

Jeri Schoof

EMPLOYMENT OPPORTUNITY

There is an opening for a chemist in EPA's Environmental Monitoring Lab, Cincinnati, Ohio. Salary range \$31,116 to \$48,481. Deadline for applications is October 15.

REFERENCE ROOM

The following are a list of theses that are missing from the Reference Room.

May 1989

Name - Thomas M. McKibbin

Advisor - J. Kirk Cochran

Fluxes and Sediment Inventories of Excess 210 Pb in the North Atlantic

1986

Name - Sharon Sneed

Advisor - J. Kirk Cochran

Sediment Chronologies in NY Harbor Borrow Pits

1976

Name - Susan A. Robbins

Advisor - Peter K. Weyl

An Interdisciplinary Study of Stony Brook Harbor as a Natural Resource

May 1986

Name - Eugenio Gomez-Reyes

Advisor - D.W. Pritchard

Salinity Differences in Great South Bay, NY, Generated By Inlet Geometry Changes

1971

Name - Paul M. Lin

Advisor - M. Grant Gross

Phosphates and Nitrates in Sewage Sludge and Sediments and Their Effects on the Coastal Ocean, New York Metropolitan Area

1971

Name - Yu-Jean Liang

Advisor - M. Grant Gross

Use of Nitrate-Selective Electrode Techniques from the Analysis of Nitrate in Sewage Sludge and Coastal Ocean Water

1971

Name - Allen L. Tsao

Advisor - Ronald I. Caplan

The Social and Environmental Impact of the Gateway National Parks Proposal on Jamaica Bay

1972

Name - DeWitt Davies

Advisor - M. Grant Gross

Stability of the North Shore, Long Island, NY

1972

Name - Richard Hoffman
Advisor - M. Grant Gross
Survey of the National Park Service
Marine Environmental Areas

Please check your respective offices and research areas and return any of the above to the Reference Room staff or to Larry Herschenfeld's mailbox.

1972

Name - Tzu-Chin Teng
Advisor - Charles F. Wurster
Effects of Chlorinated Hydrocarbons
in Phytoplanktons

All books belonging to the Reference Room will have a book pocket and card on the inside back cover and a label on the spine. Please return any books that you have to the Reference Room or call us at 2-8679 and we will pick them up.

The following is a list of the current journals that are missing from the Reference Room:

FALL CLEAN-UP DAY
WEDNESDAY, OCTOBER 16, 1991
9:00 A.M. - 5:00 P.M.

Current Contents
Volume 22, Number 17, 4/29/91

Journal of Marine Research
Volume 49, Number 2, 5/91
Volume 49, Number 3, 8/91

Well, it's that time of year again when all of us at MSRC volunteer to help spruce up the grounds around our buildings by raking, sweeping, pruning, etc. We all have fun and you get to meet new students, staff and faculty. Juices and soda will be provided. We have some work gloves, but please bring your own if you can. Shifts will be broken down as follows: 9-11, 11-1, 1-3, 3-5. If you can only spare an hour, please do so. Shortly after the clean-up, we will have a barbecue or an indoor luncheon hosted by our own chef, "Hamburger Flipper" Schubel.

Journal of Sedimentary Petrology
Volume 61, Number 1, 1/91

Scientific American
4/91
9/91

Estuarine Coastal and Shelf Science
Volume 32, Number 6, 6/91

Can. J. Fish Aquat. Sci.
Vol. 48 (4) pp. 524-732 1991
Vol. 48 (6) pp. 959-1130 1991

Please help out. The campus grounds people have promised to help out also. A sign-up sheet is posted outside the main office. Thanks.

Marine Chemistry
Volume 33, Number 1-2, 4/91

Marine Ecology Progress Series
Volume 68, Number 1 and 2, 1991

Cliff Jones

NATIONAL BEACH CLEAN-UP

Seventy volunteers came to the 1991 National Beach Clean-up at Smith Point County Park. For the second year, the weather cooperated to the fullest with a blue sky, calm seas, and 70°. Almost 300 lbs. of debris was collected including 78 lbs. of recyclables. The most common debris items by number were cigarette butts, plastic straws, cups and bottles. Some of the more interesting items collected were: styrofoam cooler, fake fingernail, fake mistletoe, sunglasses, crack vials, shotgun shells, shaving kit, hose, BBQ, beach chair and beach umbrella.

WBLI radio station co-hosted the clean-up with MSRC. The radio station handed out free canvas tote bags and the Center, mesh shopping bags. After the clean-up, Henry Bokuniewicz gave a talk on the geology of LI beaches.

Special thanks to the MSRC volunteers -- Bob Cho, Lara Farina, Matt Morgan, Chris Wrenden, the Wise family, Maryann Wentz and her 4th grade Sunday school children, and MSRC alumnus and husband, Bob Nyman.

Doreen Monteleone

ATMOSPHERIC SCIENCES

There will be a course offered in Atmospheric Sciences next semester titled "Numerical Simulation in Geophysical Fluid Dynamics (ESC 555). The procedures for treating

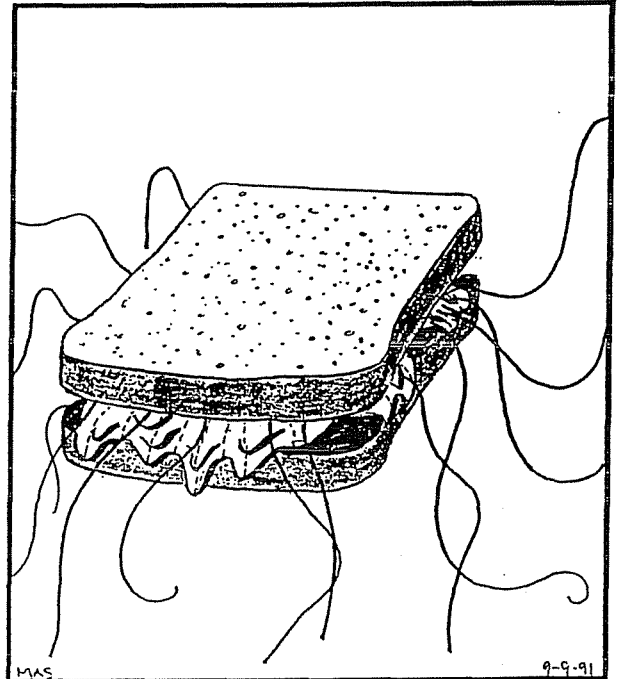
global circulation will be included and if you are interested you should contact Dr. Ming Hua Zhang for details.

A CHANCE TO ACQUIRE ART AND HELP THE KIDS

Stony Brook Child Care Services, Inc. needs your help. There will be an art auction the evening of 28 October at the Radisson Islandia Hotel. Tickets are \$7.50. For information, please see Jerry Schubel. Stony Brook Child Care Services is important to all of us in the Stony Brook community and needs your support. Please help!

HIGH TIDE

Michael Steinberg



Peanut Butter and Jellyfish Sandwich

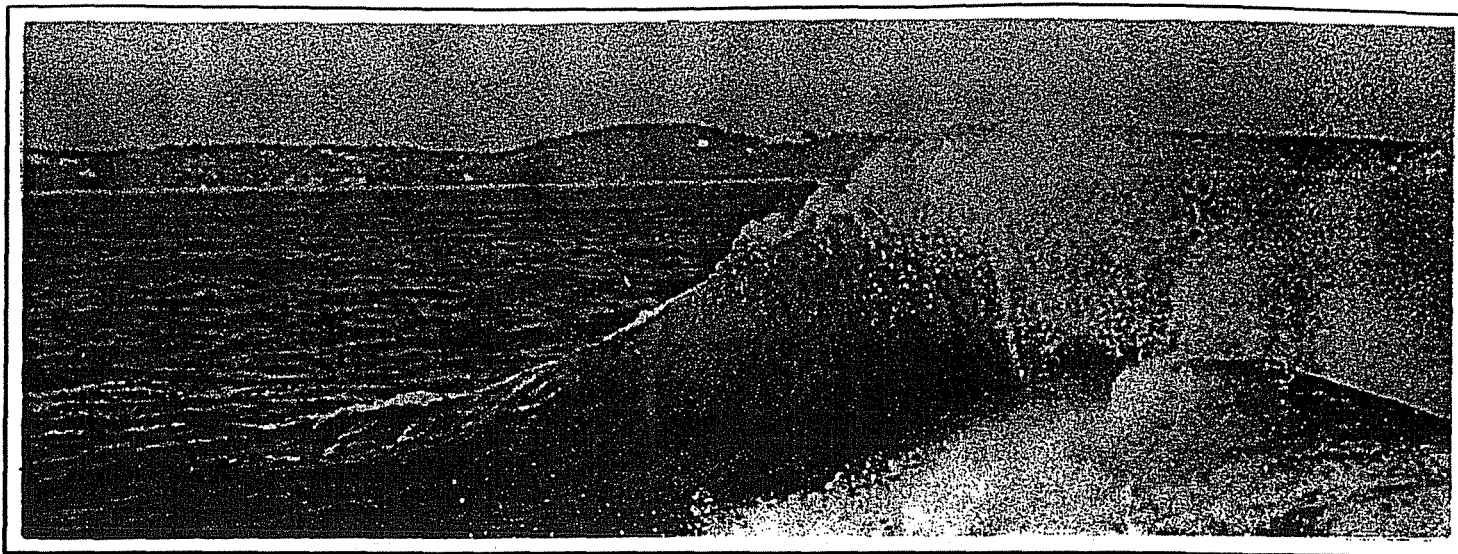


Photo by George Rowland

MSRC SOUNDINGS

Vol. V, No. 25

October 14, 1991

Schedule of Events October 14-20, 1991

MON		
TUE	1700	Soundings Entries Due to Jeri Schoof
WED	1200	MSRC Weekly Seminar, Challenger 165 "Patterns of Life History Diversification in North American Fishes: Implications for Population Regulation." Kirk Winemiller, Oakridge National Lab
THU		
FRI	1530	Friday Discussion Group, Challenger 163 "The Continuing Saga of the 'Brown Tide' Blooms" Elizabeth Cosper, MSRC

SEFA/UNITED WAY CAMPAIGNS

The 1991 campaign is officially underway. Jeri Schoof, Malcolm Bowman and Bill Wise are the "captains" for MSRC and will be delivering pledge forms to all state and research employees. This year is an especially difficult one for many people on Long Island. While we didn't get raises, a number of people in the private sector (and some in the public sector) have lost their jobs. Contributing to the State Employees Federated Appeal or United Way is a way to extend a helping hand to the less fortunate. Please be as generous as you can -- it's the right thing to do.

NOTES FROM THE REFERENCE ROOM

The Reference Room is currently open on Tuesday evenings from 5:00-8:00 and Saturdays from 10:00-1:00. It has been apparent that we have been busier on Tuesday nights (possibly, in part, because of the Tuesday evening CED course) than on Saturdays.

We are in the process of deciding whether to remain open on Saturday or Thursday. Because of our budget situation, we cannot do both.

If any of you feel that you would like to make use of the Reference Room if it was open an additional evening during the week, please let me know by leaving a note in my mailbox or calling me at ext. 2-8679. Also please let me know what evening other than Tuesday or Friday you would make

use of the library?

The Reference Room will be open on Election Day, Tuesday, November 5, 1991 and on Veterans Day, Monday, November 11, 1991. We will be closed on Thursday, Thanksgiving Day, November 28, 1991 and Friday, November 29, 1991. Please plan your study and research needs accordingly.

Pallone Proposes Commercial Striper Ban

Congressman Frank Pallone (NJ) has introduced legislation to prohibit the commercial harvest of Atlantic striped bass in coastal waters. Pallone's spokesman Ted Loud cited concern that continued commercial fishing could make the current striped bass recovery short-lived. The bill does not restrict recreational fishing. No sunset provision is included. The Atlantic States Marine Fisheries Commission (ASMFC) opposes the bill, claiming it interferes with state decision-making on striped bass allocation between commercial and recreational fisheries. Paul Perra of ASMFC notes that the striped bass recreational fishery is three times the size of the commercial fishery, and emphasizes the need for controlled harvest, whether it be commercial or recreational. ASMFC argues that there is already adequate control of the commercial fishery, and that concern should focus on recreational catch-and-release mortality and on illegal takes. A field hearing has been scheduled for August 20 in Belmar, New Jersey. For more information, contact Ted Loud, Office of Congressman Frank Pallone, (202) 225-4671.

In related news, the Striped Bass Conservation Act continued its progress toward reauthorization. On July 30, the Senate Commerce Committee voted to report the House reauthorization bill to the Senate without amendment. The House bill extends the Striped Bass Act through 1994 (see July Fisheries News). Final approval is expected before the September 30, 1991 deadline.

Senate Approves Driftnet Sanctions

The Senate on August 1 passed legislation which would place economic sanctions on nations which continue high-sea driftnetting after a U.N. imposed deadline of June 30, 1992. The bill, highlighted in July's *Fisheries News*, calls for sanctions on fish products for offending nations and for further economic sanctions if the nation continues to driftnet or retaliates with sanctions of its own. The final bill was expanded to cover all driftnetting nations, not just traditional driftnetters Japan, Taiwan, and Korea. Driftnets have been an issue of concern because of damage to non-target species, particularly salmon and steelhead stocks in the Pacific. Bycatch and black market sale of salmon have been serious problems for Pacific Northwest salmon fisheries. A recent NMFS report on bycatch in just one of Japan's squid driftnet fleets found nearly 10,000 salmonids caught, and the Congressional Research Service estimates that 10,000 to 30,000 metric tons of North American salmon and steelhead are taken each year by Asian driftnet fleets in the Pacific. For more information contact Jill Luckett, Office of Sen. Bob Packwood, (202) 224-5244.

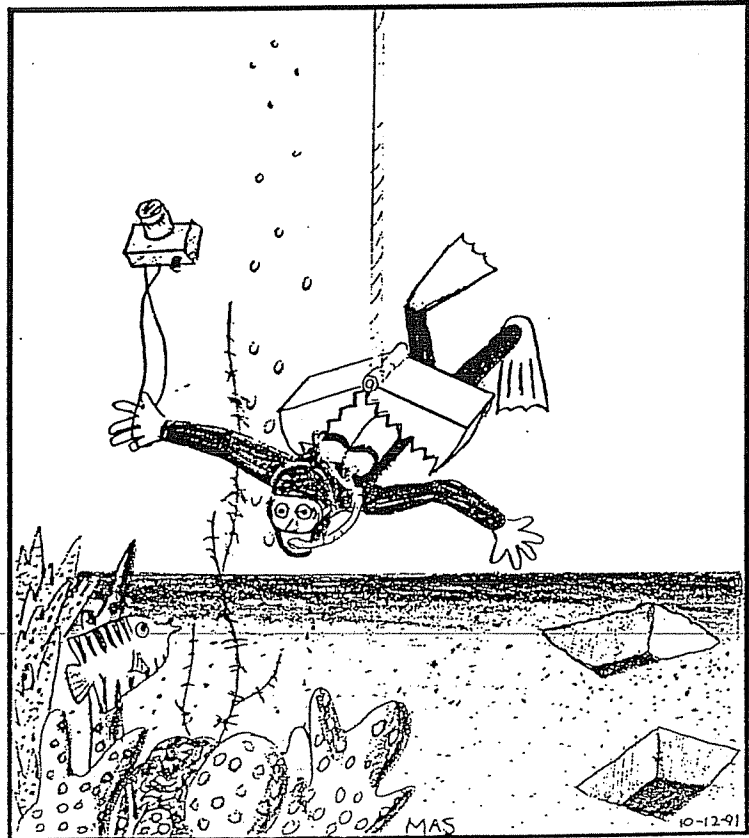
Fisheries News/August 1991

Zebra Mussel News

The zebra mussel, an exotic mollusc species, was discovered in Lake St. Clair near Detroit, Michigan in 1988. Since then, these persistent pests have spread throughout the Great Lakes, clogging municipal and industrial water intakes and fouling boat hulls and engines. This year, zebra mussels turned up in the Wisconsin waters of Lake Michigan reaching Green Bay on May 22.

HIGH TIDE

Michael Steinberg



A non-representative bottom grab sample

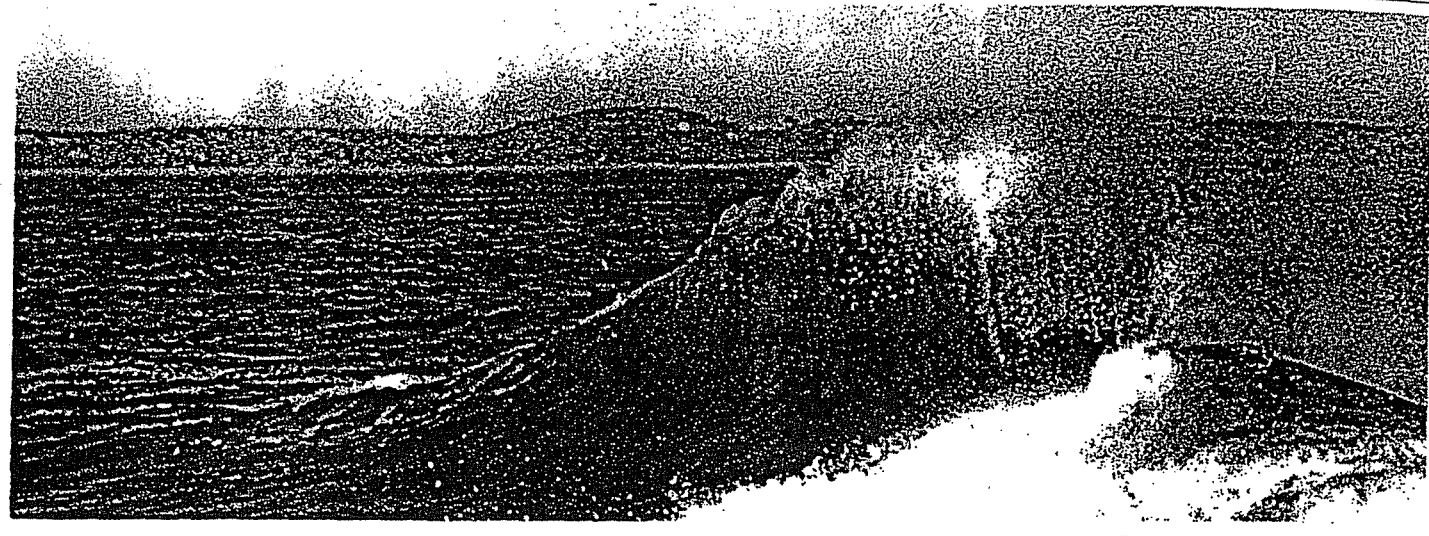


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 26

October 21, 1991

Schedule of Events October 21-27, 1991

MON		
TUE	1700	Soundings Entries Due to Jeri Schoof
WED	1200	MSRC Weekly Seminar, Challenger 165 "Water-Flow Dependent Processes in Coral Reefs: Planktivory by Fish and Agressive Competition Between Corals" Amatzia Genin, The Hebrew University
THU	1200	Special Seminar, Challenger 165 "Hurricane Hugo and Implications for Long Island Coastal Management" Nick Coch, Queens College
FRI	1530	Friday Discussion Group, Challenger 163 "Toxic Cyanobacterial Blooms in the Gulf of Finland, Gulf of Bothnia and Northern Baltic" Ed Carpenter, MSRC

CONFERENCES

The Coastal Society invites papers for its 13th International Conference to be held April 5-8 in Washington, D.C. Deadline for abstracts is November 1, 1991.

1991 NEW YORK STATE BEACH CLEANUP RESULTS

Total Volunteers
2,700

Total Distance Cleaned
142 Miles

Total Debris Collected
40,000 lbs.

WANTED

Gas dryer -- dented, scratched, even canary yellow -- as long as it works. Please contact Michele McTernan at 2-8651 or leave a note in my box.

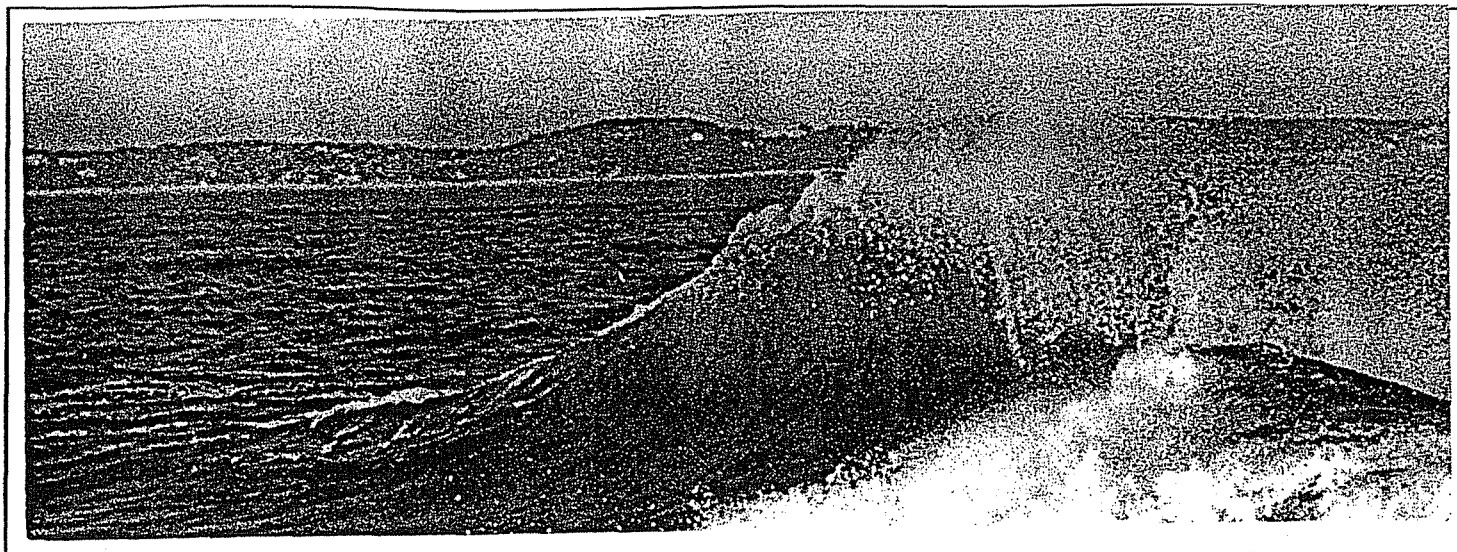


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 27

October 28, 1991

Schedule of Events October 28-November 1, 1991

MON		
TUES	1530	Special Seminar, Challenger 163 "Quantifying the Effects of a Discrete Contaminant Discharge on the Marine Environment" James Churchill, WHOI
	1700	Soundings Entires Due to Jeri Schoof
WED	1200	MSRC Weekly Seminar, Challenger 165 "Cooperative Interactions in Marsh Plants and Barnacles" Dr. Mark Bertness, Brown University
		HAPPY HALLOWEEN
THU	1200	Student Meeting, Challenger 165
FRI	1530	Friday Discussion Group, Challenger 163 "Meanderings on the New Bedford Studies: A Superfund Case" Dr. Bruce Brownawell, MSRC

SCHOLARSHIPS/FELLOWSHIPS

The American Geological Institute sponsors scholarships for geoscience majors who are members of ethnic minority groups. Recipients must be U.S. citizens. Undergraduate scholarships go up to \$10,000/yr. Graduate scholarships up to \$4,000/yr. Deadline for applications is February 1.

The Mount Desert Island Biological Lab has summer research fellowships for investigators in the biological and biomedical sciences. Deadline for proposals is January 10, 1992.

The Lunar and Planetary Institute in Houston, Texas offers selected undergraduate internships for June 8-August 14, 1992. Stipend \$250/week plus \$300 travel reimbursement. Deadline is February 12.

SEFA/UNITED DAY

If you have not pledged yet, please do so today. You can pledge as little as 50¢ per pay period. If you did not receive a pledge card, please see Jeri.

TO ALL GRADUATE STUDENTS

Recently, the SUNY Teaching and Graduate Assistants won the right to hold a union election from the NY Public Employees Relations Board (PERB). This may soon happen for Research Assistants. Since this issue affects all of us very deeply, a student meeting is being held as a forum for

disseminating information and discussion. The representatives from Graduate Student Employees Union (GSEU) will also be present. All students are requested to attend. The venue is Ch. 165 and the time is 12:00 noon on Thursday, October 31. Thank you.

Sanjay Gupta

Fisheries News/September 1991

NMFS Sets Rules For Dolphin Safe Label

On September 12, the National Marine Fisheries Service (NMFS) signed an interim final rule on "dolphin safe" tuna labeling and on importation of fish from nations known to use large-scale drift-nets. Four nations were identified as driftnetters: Korea, Japan, Taiwan, and France. The new regulations will identify fish and fish products that are subject to importation requirements. They will require importers of certain fish and fish products harvested by driftnetting nations to provide certification by a responsible government official of that nation that the imports were not harvested with large-scale drift-nets in specified areas of the high seas. NMFS will also regulate the use of labels stating that tuna products are "dolphin safe." These regulations implement the Dolphin Protection Consumer Information Act of 1990. For further information contact Roddy Moscoso at (301) 427-2370.

Exxon Cleanup (Again)

Habitat restoration is being planned for areas affected by the Exxon Bayway oil spill of January, 1990 in Arthur Kill, NJ. Participants in the planning are the National Marine Fisheries Service (NMFS), New Jersey, New York, New York City, Elizabeth (NJ), and the U.S. Department of Interior. The restoration plan may include wetland enhancement, land purchases and habitat creation. Trustees agreed to a \$15 million settlement for damages and estimated restoration costs. Details will be available over the next year. Contact NMFS at (301) 427-2370 for further information.



SOUTHAMPTON CAMPUS SOUTHAMPTON, NEW YORK 11968

To All Faculty:

This was addressed to me as a LIU
alumnus but it is open to any of you
It is a worthy program that benefits
all involved Doreen

October 9, 1991

DOREEN MONTELEONE
STATE UNIVERSITY OF NY, STONY BROOK
MARINE SCIENCES RES. CENTER
STONY BROOK, NY 11794

Dear DOREEN,

As the Cooperative Education Program enters its twelfth year, we are finding that more and more Southampton graduates are hiring Co-op students to satisfy their temporary employment needs. In tight economic times especially, use of short-term employment seems to be an effective strategy for handling the workload. The consensus is that Co-op students are capable, hard-working and motivated. Under the supervision of Southampton alumni, who are familiar with our academic programs, these students are getting a chance to apply what they learn in the classroom to the real world. Obviously, there has been mutual satisfaction in these relationships, as many of our Co-op employers have offered students permanent employment upon graduation.

In an effort to increase our numbers of quality employers, we are asking you to consider how a Co-op student might fit into your organization. Students of all majors are available to work during the Fall and Spring semesters, either on a full-time basis (taking a semester off from school), or in a part-time capacity within commuting distance from the campus. We also place students on Co-ops during the Summer and Winter sessions.

We are very anxious to hear from you and we would be happy to address any further questions you might have about the Co-op program. Southampton's strength has always come from the loyalty of its students and alumni. We hope you'll support us once again. Please contact me at (516)283-4000, ext. 276, so that we may further discuss your interest.

Sincerely,

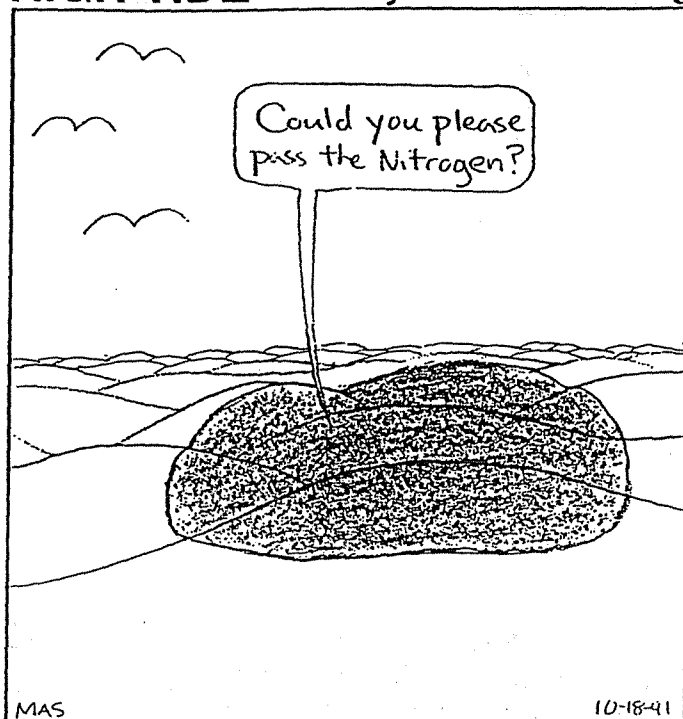
Ellen Avenoso
Dean/LIU Plan
Director/Cooperative Education

EA:mh

or Pam Jackson

HIGH TIDE

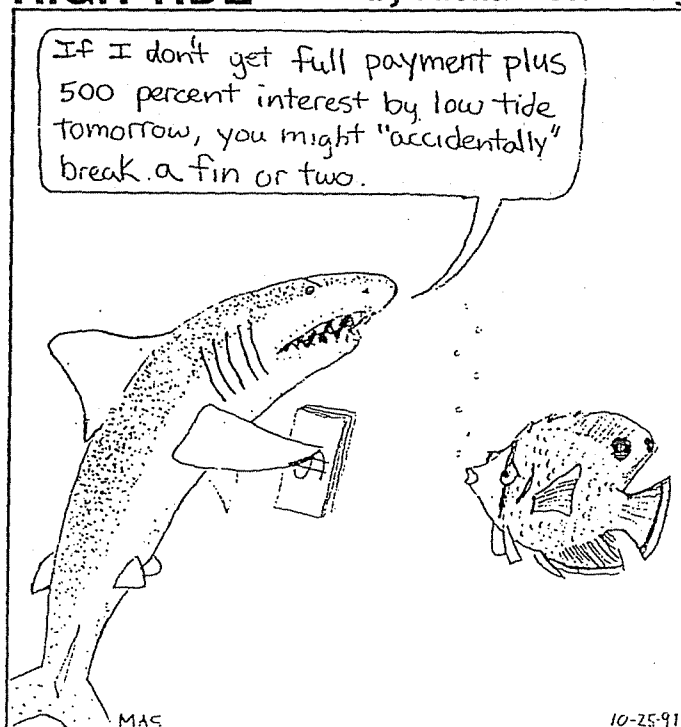
by Michael Steinberg



Lunch in a phytoplankton bloom

HIGH TIDE

by Michael Steinberg



Oceanic Loan Shark.



Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 28

November 4, 1991

Schedule of Events November 4-10, 1991

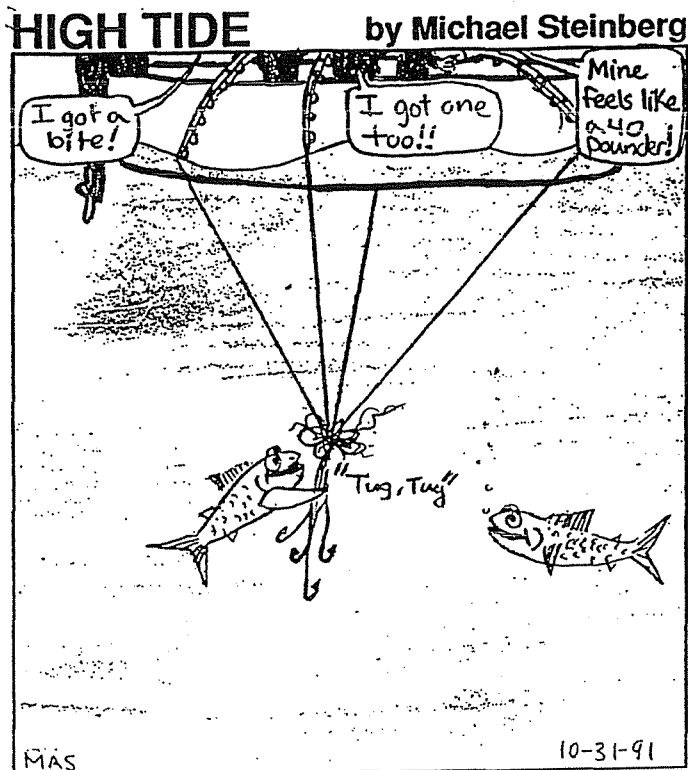
MON		
TUES	1000	Endeavour Lounge Reception for Gabriel Csanady, DVS
	1300	Special Seminar, Challenger 165 "Copepod digestive processes: diel patterns of physiology and gut morphology" R. Patrick Hassett, MSRC
	1530	DVS Seminar, Endeavour 158 "Small scale particle diffusion" G. Csanady, Old Dominion University
	1700	Soundings Entires Due to Jeri Schoof
WED	1200	MSRC Weekly Seminar, Challenger 165 "Nutrient utilization and carbon export on a model continental shelf" G. Csanady, DVS
THU	1100	DVS Seminar, Endeavour 168 "Ageostrophic instability in shelf-edgefront"
FRI	1530	Friday Discussion Group, Challenger 163 "Molluscan Growth Rates and Water Movement, Alterations of in-situ currents and the growth of the clam mercenaria" Dr. Mike Judge, E&E

CALLS FOR PROPOSALS

NSF has issued a call for proposals for its Land-Margin Ecosystems Research (LMER) program. Deadline Jan. 15, 1991.

RESEARCH FACULTY CANDIDATE

Patrick Hassett is being considered for promotion from postdoctoral research associate to research assistant professor. He will present a seminar on Tuesday, Nov. 5 from 1:00 - 2:00.



Deep sea practical jokes.

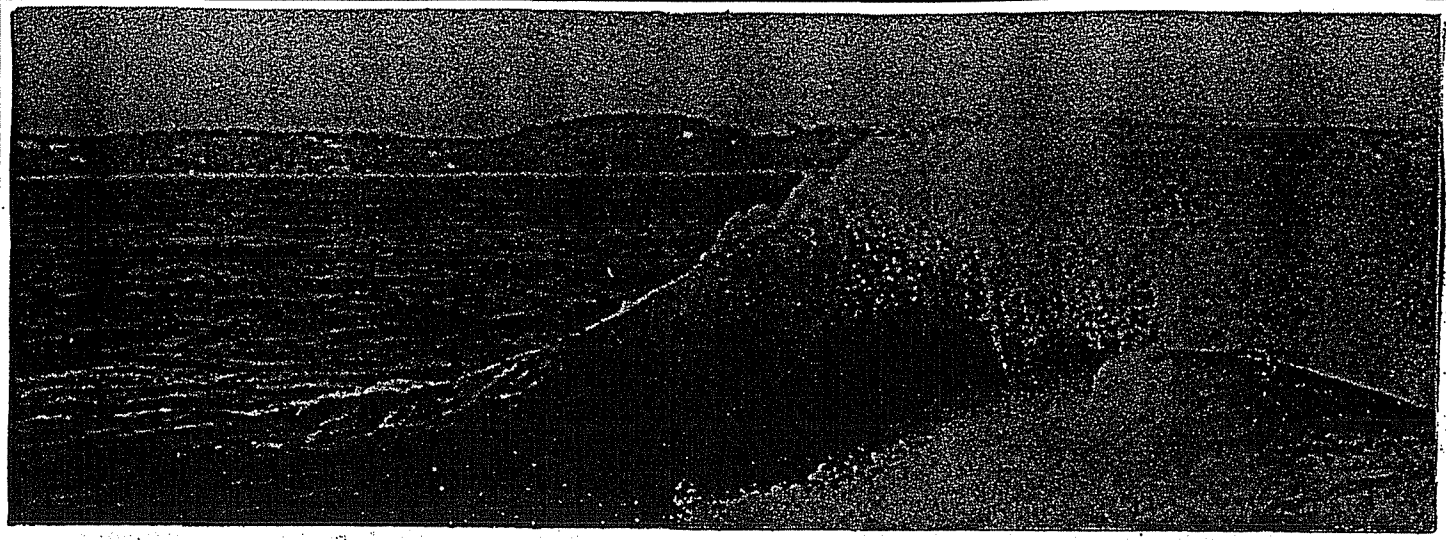


Photo by George Rowland

M S R C S O U N D I N G S

Vol. VI, No. 31

November 25, 1991

Schedule of Events **November 25-December 1, 1991**

MON		
TUES	1500	ITPA Seminar, Physics, Room 120B "The Little Ice Age and 20th Century Warming in China" Shaowu Wang, Peking University
	1700	Soundings Entries Due to Jeri Schoof
WED	1530	Research Pay Checks Available for Pick Up
THU		HAPPY THANKSGIVING
FRI	1530	Main Office Closed

EMPLOYMENT OPPORTUNITIES

The U.S. Army Corps of Engineers has several openings available for Biologists, Environmental Engineers, Physical Scientists, Geologists and Oceanographers in its New York City Water Quality Compliance Branch and additional openings in the Harbor Supervision and Compliance Sector. The deadline for application is December 9. Monte Greges, an MSRC alumni, has a "coded" sentence to go in the letter of application which will ensure he receives MSRC applications for review. See Jeri for the application and the "magic phrase."

The University of Texas at Arlington is seeking a Chairman for its Department of Geology. Applications accepted until the position is filled.

A position is available through the Waste Management Institute (WMI) with partial funding for second year student at MSRC. Work will be part of the Harbor Estuary Program. Requirements: excellent command of English language and writing skills. Travel to EPA in New York City. Please submit resume to the WMI office.

MARTIN LUTHER KING, JR. SCHOLARSHIP

The Office of Affirmative Action at USB has applications for the Martin Luther King, Jr. Scholarship. Criteria are full-time upper division undergraduate, 2.5 minimum GPA, 3 letters of recommendation supporting

commitment to University related community service and New York State resident. Deadline is December 16.

DOD GRADUATE FELLOWSHIP PROGRAM

If you are interested in Department of Defense (DOD) Graduate Fellowship Programs, you may look over the literature in the Graduate Programs Office. The fellowships start in Fall 1992, and the application deadline is January 15, 1992.

FACULTY MEETING DATE CHANGED

The faculty meeting has been moved to December 14 at 9:00 a.m. Agenda items are due Monday, December 2.

RESEARCH SERVICES NEWS

The research fringe benefit rate is expected to increase to at least 28% and possibly 29% on July 1, 1992. New proposals should be submitted using the 29% rate with .5% increases for subsequent years.

The State fringe benefit rate for matching purposes is 19.04% effective immediately.

OFFICE HOURS FOR GRAPHICS

Lori Palmer needs some blocks of time for creative work for faculty as well as the Center administrative publications. To provide this creative time, the hours Lori will be available for

consultation and advice are 9:00-10:00 and 3:00-5:00 daily. Please respect Lori's closed door for the remainder of each day barring genuine emergencies.

XEROX MACHINE

We will be getting a brand new Kodak copier sometime within the next two weeks. It will have automatic double-sided copying, reduction capability and will have a coded account system similar to the fax machine -- auditrons will not be used for this machine. Each faculty member, student and marine science course will be given their own account codes for the new machine. Please treat the new machine with respect when it arrives. Its reliability and copy quality are a reflection of the manner in which it is handled... or abused.

SUPPORT FOR GRADUATE STUDENT ASSISTANT OR PART-TIME TECHNICIAN

To work on Sea Grant project examining growth and physiology of microscopic stages of seaweeds. Starting January 1992. See Val in Dana 107A.

HOUSE AND DOG SITTER WANTED

For 19-27 December. Will pay. Must be used to handling big dogs. See Val in Dana 107A.

EAT FISH

The 60 million Americans who fish for fun eat 10 times more fish and seafood than the average person. Americans ate an average of 16 pounds of fish last year. According to the FDA, there is one reported case of food poisoning for each 2 million servings of finfish. This compares to 1/2000 servings of raw or uncooked shellfish and 1/25,000 servings of poultry. Thorough cooking fish is still the best technique for reducing the risk of food poisoning.

- National Safety Council

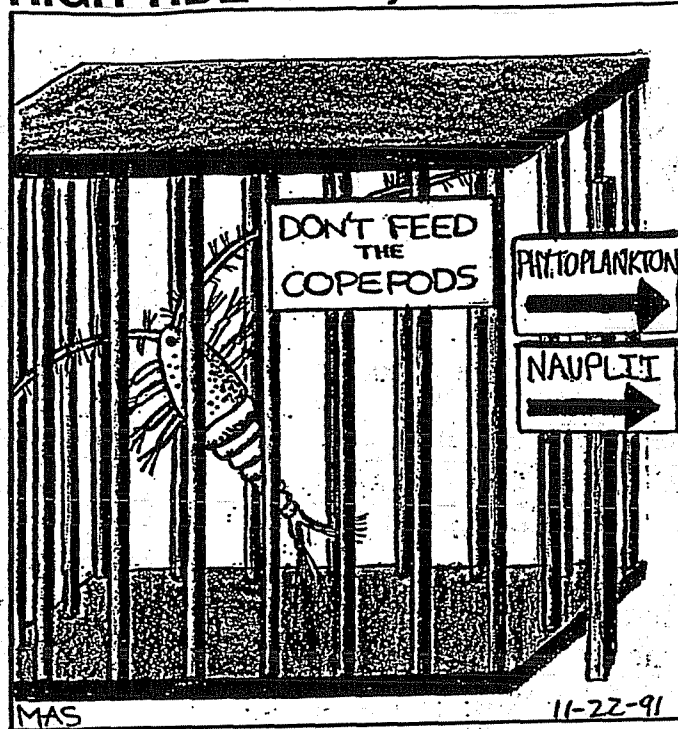
BOATING FATALITIES DROP

Boating fatalities nationwide dropped from 896 in 1989 to 865 in 1991. The death rate was 4.7 deaths/100,000 boats. Alcohol, however, continues to be a tragic ingredient in boating fatalities. About 30% of all boat operators drink some alcohol on a typical outing. A 1989 study of boating fatalities in 4 states over 5 years found that 31% of those killed had blood alcohol exceeding the intoxication level (0.10). Only 27% of boaters wear life jackets and 37% have first aid kits aboard. Only 4.5% of operators have taken a boating safety course. According to a Red Cross survey, there were more than 350,000 injuries from boating accidents in 1989.

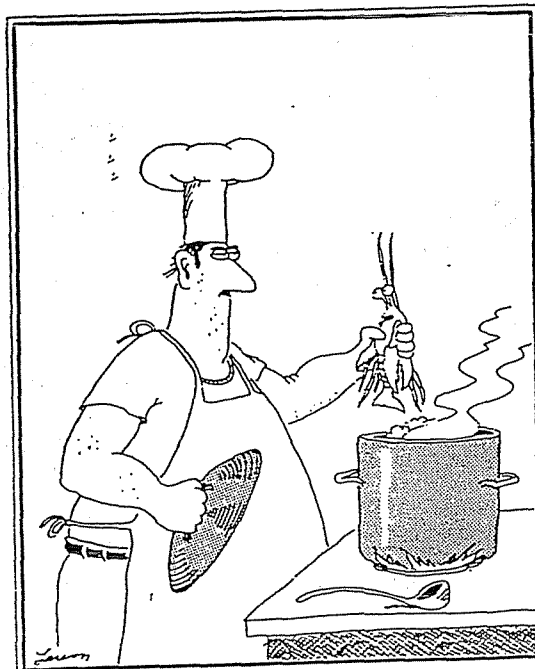
- BOAT/U.S.

HIGH TIDE

By Michael Steinberg



Zooplankton



"Three wishes? Did I say three wishes? ... Shoot! I'll grant you FOUR wishes."

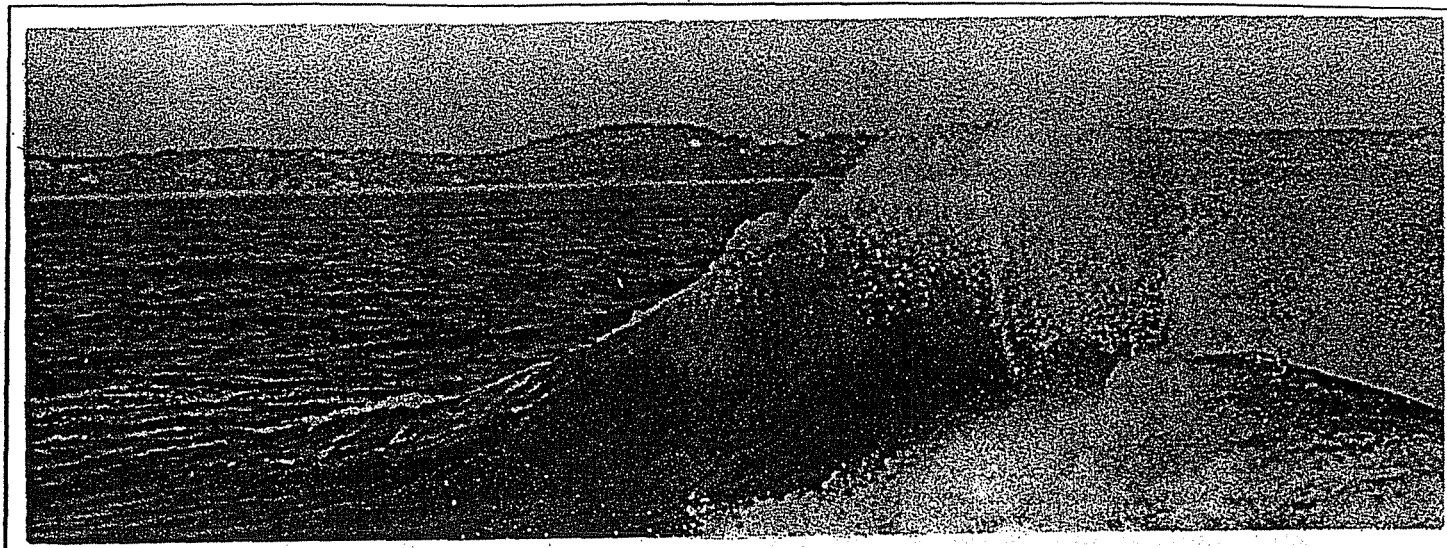


Photo by George Rowland

MSRC SOUNDINGS

Vol. VI, No. 33

December 9, 1991

Schedule of Events December 9-15 1991

MON		
TUES	1700	Sounds Entries Due to Jeri Schoof
WED	1200	MSRC Weekly Seminar, Challenger 165 "The enigma of head-down deposit feeders" Glenn Lopez, MSRC
THU		
FRI	1530	Friday Discussion Group, Challenger 165 OPS Class Report on West Meadow Creek
	Evening	Holiday Party, Challenger 165

SHOPPING DAYS TILL CHRISTMAS

19!!!!

CONGRATULATIONS

Please join us in congratulating Malcolm Bowman, Chris Stuebe and Peter Weyl for their "longevity" awards. They have worked at USB for 20 (Malcolm and Chris) and 25 (Peter) years.

CORRECTION

The state fringe benefit rate is 19.14%, not 19.04%

EMPLOYMENT OPPORTUNITIES

The National Ocean Survey is seeking an oceanographer, Grade GS-13/14 for its Highland, N.J. office. Application deadline December 13, 1991. Salary range \$44,348 - \$68,129.

TIMESHEETS

All research and state staff must submit timesheets by December 10. If you did not receive a timesheet for November, please see Jeri Schoof.

All state faculty should sign the roster by the check box.

PAYCHECKS DURING THE HOLIDAY BREAK

The Main Office will be closed December 24 through January 1. Two paydays fall during that time --

research December 27 and state December 31. Individuals may pick up their own paycheck only with i.d. at Payroll, Room 360, Administration. Payroll will close December 31 at 1:00 p.m. and will not reopen until January 6. Please keep that in mind -- any check not picked up by 1:00 on December 31 will not be available until Monday morning, January 6. The Main Office will go to Payroll on January 6 and bring to the Center any unclaimed checks.

SEFA/UNITED WAY

Thank you!! We did it again -- we exceeded last year's total and increased the number of contributors to 23. As of December 4, a total of \$3,062 had been pledged.

HOLIDAY FOR SOUNDINGS

Soundings will take a break from December 23-January 17. Deadline for first issue of the new year will be January 14.

EMPLOYMENT OPPORTUNITY

Part-time laboratory assistant position available for graduate or undergraduate student. 10 hours per week maintaining algal cultures, performing experiments, measuring growth parameters. Mostly involves glassware cleaning and media preparation at this point, but possibly more detailed work in the area of biotechnology in the near future. Graduate students: this involves an off campus industry and therefore is not

subject to studentship limitations, although it is subject to federal regulations regarding employment. If you are interested, call or leave a message.

John Zehr 2-8694

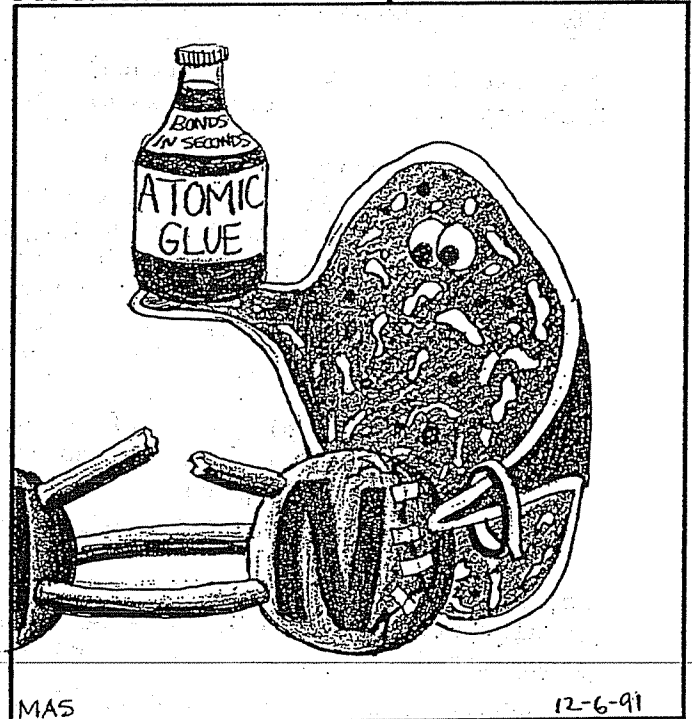
AGU OCEAN SCIENCES MEETING

AGU Ocean Sciences meeting January 27-31, 1992. Anyone going to this meeting who is interested in renting a car and driving down, splitting petrol costs, please leave their name in my mailbox with a contact number by Friday, December 13. With four people in one car, approximate cost is \$120-\$150 per person. Depart Jan. 25, return Feb 1??

Kate Stansfield
Endeavour 131

HIGH TIDE

By MICHAEL STEINBERG



Nitrogen Fixing Bacteria

Notes from the Reference Room

In conjunction with President Marburger's plan to minimize energy use at the University during the holiday season and to maximize our staff budget, we will observe the following schedule:

Now thru 12/20/91- Regular Library Hours
12/23/91- Open 9:00 am to 3:00 pm
12/24/91 thru 1/1/92 - Closed
1/2/92 thru 1/24/92 - Open Mon-Fri 9:00 am - 3:00 pm
1/27/92 - Open Regular Spring Semester Hours
Monday- 9:00-7:00
Tuesday thru Friday - 9:00-5:00

We received responses to our Reference Room Questionnaire from 35% of you. Thank you! Hopefully, in the future more of you will choose to respond.

The ten most used journals in the Reference Room are:

Journal of Marine Research
Estuarine Coastal & Shelf Science
Limnology & Oceanography
Nature
Canadian Journal of Fisheries & Aquatic Sciences
Marine Ecology Progress Series
Estuaries
Deep Sea Research
Bulletin of Marine Science

80% of the respondents regularly, frequently or sometimes use ASFA on CD-ROM

The list (in order of importance) of what you would like to see the Reference Room add in terms of materials or services is as follows:

- (1) Current journals
- (2) Additional marine CD-ROM products
- (3) Advanced Marine Science books
- (4) Daily courier service to bring and return materials & ILL's for you to other branch libraries on campus.
- (5) Basic new Marine Science textbooks
- (6) Opening the Reference Room additional hours with the staffing to go with it.
- (7) Replacement of and adding to our map collection
- (8) Additional copies of theses and dissertations so that they can circulate
- (9) New general encyclopedia

As discussed at the last faculty meeting, we will be visiting student, staff and faculty offices in early December to give you an opportunity to return all accumulated library materials. We appreciate your cooperation.

On behalf of the library staff, Larry, Anne, Nishi, Mijin, Qi, Eugenie, and Margaret- we wish all of you a happy, peaceful and productive holiday season!



Photo by George Rowland

MSRC SOUNDS

Vol. VI, No. 34

December 16, 1991

Schedule of Events December 16-22, 1991

MON		
TUES	1700	Sounds Entries Due to Jeri Schoof
WED		
THU	1300	Special Seminar, Challenger 165 "The Fate of Methane in the Hudson River and Estuary" Marie de Angeles
FRI	1200	Staff Luncheon Challenger 165

COPIER NEWS

The delivery of the new copier has been delayed until after January 1, 1992.

SHOPPING DAYS TILL CHRISTMAS

12!!!!

SEMINAR

Marie deAngelis is being considered for promotion to the research faculty. She will give a seminar on Thursday, December 19 at 1:00 p.m. All faculty are encouraged to attend.

CALL FOR PAPERS

The Coastal Society has issued a call for papers for its 13th International Conference to be held April 5-8 in Washington, D.C.

AVAILABLE FOR RENT

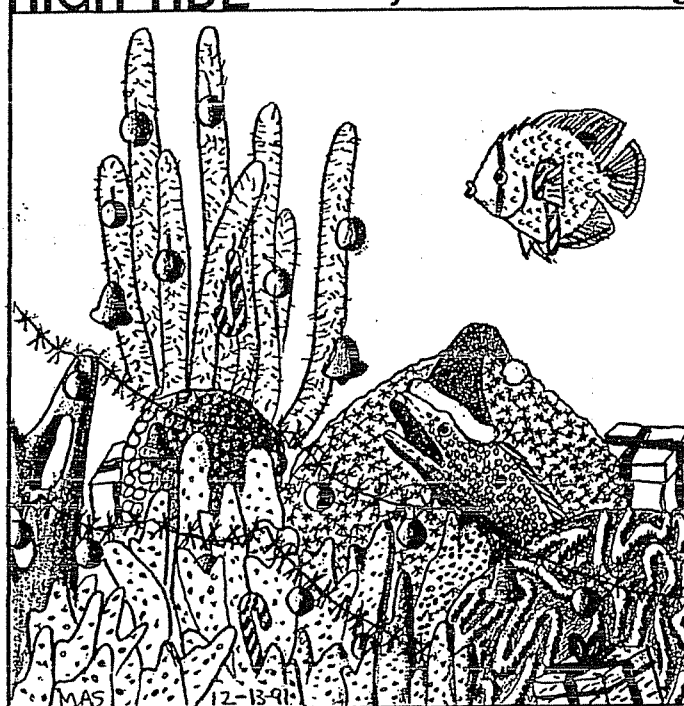
Furnished, one-bedroom apartment in large, old property 1-2 minutes from campus. Quiet area within walking distance from Stony Brook village. Large garden that requires no maintenance, no pets allowed. Ideal for a couple or single individual without children; \$650 a month, utilities included. Available for part or all of the period: February 1 to May 15, 1992. Please contact Monica at 632-8663 (9 a.m. to 6 p.m.).

PAYCHECKS DURING THE HOLIDAY BREAK

The Main Office will be closed December 24 through January 1. Two paydays fall during that time -- research December 27 and state December 31. Individuals may pick up their own paycheck only with i.d. at Payroll, Room 360, Administration. Payroll will close December 31 at 1:00 p.m. and will not reopen until January 6. Please keep that in mind -- any check not picked up by 1:00 on December 31 will not be available until Monday morning, January 6. The Main Office will go to Payroll on January 6 and bring to the Center any unclaimed checks.

HIGH TIDE

By Michael Steinberg



Christmas reef

DICTIONARY OF USEFUL RESEARCH PHRASES (Anonymous)

"IT HAS LONG BEEN KNOWN..."

I didn't look up the original reference.

"A DEFINITE TREND IS EVIDENT..."

These data are practically meaningless.

"OF GREAT THEORETICAL AND PRACTICAL IMPORTANCE"

Interesting to me.

"WHILE IT HAS NOT BEEN POSSIBLE TO PROVIDE DEFINITE ANSWERS TO THESE QUESTIONS..."

This was an unsuccessful experiment but I still hope to get it published.

"THREE OF THE SAMPLES WERE CHOSEN FOR DETAILED STUDY."

The other made no sense.

"TYPICAL RESULTS ARE SHOWN."

The best results are shown.

"THE MOST RELIABLE RESULTS ARE THOSE OBTAINED BY JONES."

He was my grad assistant.

"IT IS BELIEVED THAT..."

I think...

"IT IS GENERALLY BELIEVED THAT..."

A couple of other guys think so, too.

"IT IS CLEAR THAT MUCH ADDITIONAL WORK WILL BE REQUIRED BEFORE A COMPLETE UNDERSTANDING OF THE PHENOMENON IS POSSIBLE."

I don't understand it.

"CORRECT WITHIN AN ORDER OF MAGNITUDE."

Wrong.

"IT IS HOPED THAT THIS STUDY WILL STIMULATE MORE WORK IN THIS FIELD."

This is a lousy paper but so are the other in this crummy field.

"THANKS ARE DUE TO JOE BLOTZ FOR ASSISTANCE WITH THE EXPERIMENTAL WORK AND GEORGE FRINK FOR VALUABLE DISCUSSIONS."

Blotz did the work and Frank explained to me what it meant.

"A CAREFUL ANALYSIS OF OBTAINABLE DATA..."

Three pages of notes were obliterated when I knocked over a glass of beer.

"A STATISTICALLY ORIENTED PROJECTION OF THE FINDINGS..."

Wild guess.

"A HIGHLY SIGNIFICANT AREA FOR EXPLORATORY STUDY..."

A totally useless topic suggested by my committee.

Ripley's—**Believe It or Not!**TM

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State University of New York at Stony Brook*

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Edward Tunney - VP Exhibits

November 20, 1991

