Three Noyes Fellowships were established last year by the Jessie Smith Noyes Foundation through the University's Stony Brook Foundation. The Fellowships are awarded on a competitive basis to advanced students working on important environmental problems of the coastal zone as part of their Master's or Ph.D. thesis research in one of several programs sponsored by Stony Brook's Marine Sciences Research Center.

DAVID HIRSCHBERG received his B.S. degree in 1974 from Stony Brook, where he studied in the Department of Earth and Space Sciences. Following graduation, he became a research technician in the laboratory of Dr. Oliver A. Schaeffer, his undergraduate advisor. Mr. Hirschberg first came to the Marine Sciences Research Center in June 1975 as a technical specialist in sediment geochemistry. He was accepted into the Marine Environmental Sciences Program in June 1976.

DOMINICK NINIVAGGI graduated magna cum laude from Southampton College with a B.S. degree in biology in 1975. He worked in the Oceanographic Sciences Division at Brookhaven National Laboratory before coming to Stony Brook and has participated in research cruises ranging from Cape Cod to the southern Caribbean Sea. Mr. Ninivaggi is studying whether changes in the composition of the algae, caused by pollution, have affected the feeding ability of tiny crustaceans which normally feed on the algae and, in turn, are themselves food for fish.

WAYNE FRANK PENELLO is a candidate for a Master of Science Degree. He entered the Center's Marine Environmental Sciences Program in 1976 and received a graduate teaching assistantship. The 23-year-old graduate student received a B.S. degree in Marine Biological Sciences in 1976 from Southampton College. Prior to coming to Stony Brook he worked at Brookhaven National Laboratory as a research collaborator on a project attempting to isolate human pathogenic viruses from sources of fresh water on Long Island. This was his second association with the Lab. He served as a visiting research assistant in the Lab's Department of Applied Science between January and September 1975. In that capacity, he researched the isolation of marine bacteriophage from the coastal waters south of Long Island.

CHILEAN OCEANOGRAPHER TO SPEND A YEAR AT MSRC

The Council for International Exchange of Scholars has awarded Professor Lisandro Chuecas of the University of Concepcion, Chile, a Fulbright-Hayes Scholarship to spend one year at SUNY as a Visiting Scholar. Dr. Chuecas will have his office in the MSRC and will offer two courses during the 1977-78 academic year: Marine Resources in Chile, a graduate course emphasizing available coastal resources, the management and development of these resources, public attitudes and policies toward the marine environment, marine pollution in Chile, and Chile and the Law of the Sea; Science in Chile, using oceanography as a focus, explores public and private sector policies toward science, the scientific role of the university, the funding of oceanography in Chile, oceanographic processes in Chilean coastal waters, the fjord system, and the impact of glaciers.

While at MSRC Dr. Chuecas will also work with Dr. IVER DUEDALL on the oceanography of fjords.

Dr. Chuecas received his Ph.D. in Chemical and Physical Oceanography at the University of Liverpool, Liverpool, England.
Professor RAMESH DAYAL presented a paper entitled "Control of Interstitial Silica in Marine Sediments by Biogenic Silica and Clay Minerals" by R. Dayal and R. Wilke at the Annual Clay Conference in Kingston, Jamaica, August 14-18, 1977.

Professor B. H. BRINKHUIS presented a paper on "Physiological Ecology of Temperate Salt-Marsh Macroalgae" at the IXth International Seaweed Symposium in Santa Barbara, CA. on August 17, 1977. He will present an invited paper at the North Carolina Governor's Conference on Fishery Management Under Extended Jurisdiction, October 11-12, in Raleigh, North Carolina.

Professor J. L. MCHugh presented an invited lecture on fishery management under extended jurisdiction at the annual meeting of the International Marine Archives, Nantucket, Massachusetts, August 17, 1977. He will present an invited paper at the North Carolina Governor's Conference on Fishery Management Under Extended Jurisdiction, October 11-12, in Raleigh, North Carolina.

Professor EDWARD J. CARPENTER participated in a research cruise to the eastern Caribbean Sea. The project, undertaken jointly with Scripps, Bigelow Laboratory for Ocean Science, Harvard University, and the University of New Hampshire, was to study nitrogen cycling in the euphotic zone of the Tropical Ocean. It is hoped that these nutrient studies will lay the groundwork for investigations in Long Island Sound and Great South Bay.

Professor J. R. SCHUBEL attended the Advisory Council meeting of the University National Oceanographic Laboratory System at the Moss Landing Marine Laboratory (Calif.) in August 1977.

RECENT AWARDS

Professor J. R. SCHUBEL received awards from the U.S. Geological Survey for research on the suspended sediment in the Potomac estuary and from the Nassau-Suffolk Regional Planning Board for research on the distribution of sediments in Great South Bay. WILLIAM WISE and CLIFFORD JONES are associate investigators.

Professor CHARLES WURSTER received a grant from NOAA to support the second year of his study on the effects of organochline compounds on plankton and secondary production, a project jointly funded by the Rockefeller Foundation.

Professor AKIRA OKUBO will continue his participation in the METREX (Multi-disciplinary Eastern Tropical Experiment) project on a grant from the University of Washington. Dr. Okubo is developing a mathematical model for reaction/diffusion of anoxic space in the eastern Pacific Ocean.

SOME RECENT PUBLICATIONS


KINSMAN, B., J. R. SCHUBEL, M. J. BOWMAN, H. H. CARTER, A. OKUBO, D. W. PRITCHARD,
Managers of the marine environment are becoming more interested in stabilization of dredge-spoil sediments by planting rooted vegetation as an alternative to diking and other physical means of spoil stabilization. Utilization of plants to stabilize spoil materials and prevent their erosion is attractive because areas disturbed by spoiling activities may be restored. Also, new and productive wetlands could be constructed to attract a variety of birds and other animals.
MSRC SELECTED TO HOST 1979 ANNUAL MEETING OF AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY

Dr. George Saunders, President of the American Society of Limnology and Oceanography (ALSO) announced that their governing board had selected the Marine Sciences Research Center and the State University of New York at Stony Brook to host the 1979 ALSO Annual Meeting. Each year the meeting is held at one of the leading oceanographic or limnologic centers in North America and brings together nearly 1,000 aquatic scientists for a week of formal and informal meetings. We hope to have one, or more, sessions devoted to important problems of regional interest. If you have suggestions for symposium topics please send them to us.

AUGUST GRADUATE

GERALD M. CAPRIOLO, The Seasonal Importance of Micro-zooplankton as Grazers of Phytoplankton Biomass in Long Island Sound (Professor E. J. CARPENTER)

STONYBROOK MARINE SCIENTISTS RECEIVE GREEN LIGHT ON UNIQUE COAL WASTE DISPOSAL PROJECT

Professors IVER W. DUEDALL and HAROLD B. O'CONNORS are serving as the co-principal investigators in an investigation of the feasibility of converting burned coal residue into a chemically inert form with the possibility of using this material to form artificial fishing reefs.

MSRC ASSOCIATES welcome your participation. Contact Mrs. Jeri Schoof at (516) 246-6543 for information concerning individual and organizational memberships. All contributions are tax deductible and will be used to support education and research.

SEMINAR SCHEDULE

<table>
<thead>
<tr>
<th>Oct</th>
<th>TBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Stability of Barrier Island Inlets Dr. R. BURNS, Virginia Institute of Marine Science</td>
</tr>
<tr>
<td>20</td>
<td>Management Plan for Great South Bay Hard Clam Resource Mr. S. BUCKNER, Town of Islip</td>
</tr>
<tr>
<td>27</td>
<td>Functional and Numerical Responses of Coastal Tintinnids: Implications for the Neritic Food Chain Dr. J. HEINBOEKEI, Chesapeake Bay Institute</td>
</tr>
</tbody>
</table>

Nov.

<table>
<thead>
<tr>
<th>3</th>
<th>TBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Dr. K. PEREZ, EPA Narragansett Laboratory</td>
</tr>
<tr>
<td>17</td>
<td>Uptake of Heavy Metals by Eelgrass in Great South Bay Dr. B. BRINKHUIS, MSRC</td>
</tr>
<tr>
<td>8</td>
<td>Biostratigraphy of Chesapeake Bay Tributaries Dr. G. BRUSH, Department of Natural Resources, Maryland</td>
</tr>
</tbody>
</table>

Dec.

| 1     | Recent Developments in Coastal Frontology Dr. M. J. BOWMAN, MSRC |
| 8     | Sedimentary Processes in Long Island Sound Dr. H. BOKUNIEWSIC, MSRC |

TBA=To Be Announced

All seminars are held in Building F, Room 163 on the South Campus.

Faculty members Akira Okubo, Iver Duedall, Henry Bokuniewicz, Malcolm Bowman, and Jerry Schubel welcome Chilean oceanographer Dr. Lisandro Chuecas (third from left) to MSRC.