

# January 1997

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Dave Sampson works with PictureTel

## **Sampson Teaches by Telephone**

Through an innovative new linkage of the PictureTel telephone technology and the Ed-Net broadcast studio, Dave Sampson will be teaching his population dynamics class to a record number of students. Dave has taught his winter term class via PictureTel before in a smaller room and with less satisfactory equipment. With the aid of Steve Nielsen and the installation of PictureTel lines in Ed 34, he now has use of the Ed-Net cameras and switch box. At the push of a button on the Ed-Net console, the picture can be shifted from overhead to classroom to computer to instructor.

The record number of fisheries students signed up for classes at the Hatfield Marine Science Center this term necessitated changing his original plans. In addition to over 24 students taking the class in residence at the HMSC, there are about 10 signed up to take the course on the main campus. Dave will be able to see and interact with the students 56 miles away in Corvallis as well as his HMSC students.

To maintain a close link, Sampson will be having regular office hours in Corvallis and in Newport. That leaves only one problem he couldn't solve with this advanced technology--he still has to grade papers for all 35 students by hand!

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## **Jin-Shan Shie Earns Jones Award**

Jin-Shan Shie, a master's student in Food Science and Technology under Jae Park, has received the 1997 Walter Jones Fisheries Development Award. Shie is doing research to develop optimum pasteurization procedures for the U.S. surimi seafood industry. The industry suffers from too many different pasteurization methods and Shie's research would help develop a standard method.

Jin-Shan is stationed at the Astoria Seafood Lab and plans to use the \$500 award to fund his travel to the Institute of Food Technologists annual meeting in Orlando, Florida in June.

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## **Rick Swartz Retires**

After 24 years with EPA, Rick Swartz retired at the end of December. As a five-year-old, Rick had been fascinated by the whelks he found on the beach in Florida and he grew to love fishing. His high school zoology teacher is the one he credits, though, with getting him seriously interested in pursuing science as a career. He went on to Johns Hopkins to earn his B.S. in Biology and then his

Ph.D. at the Virginia Institute of Marine Science. He worked on pollution in the Chesapeake Bay as a marine biologist until he heard about Joel Hedgpeth's research program at the new Marine Science Center in Newport, Oregon. Rick came to join EPA at the Center in July of 1972.

When asked what he considered the highlights of his career, he mentioned the development of toxicity tests used around the world in research and regulation of sediment toxicity. He also felt good about the risk assessments done on sediment along the West Coast in San Diego, San Francisco, Puget Sound and Los Angeles. Rick pointed out that people are now looking at the cumulative real world effects of multiple sediment contaminants instead of the old research models using only one contaminant. Other positive changes over his career have been the development of sediment quality criteria, the dredge material permitting process and the Clean Water Act.

Rachel Carson had a tremendous impact, as Rick was one of a large cohort of young scientists who got interested in pollution and have developed the field together. Changes also include going beyond a simple technology fix to assessing the total impact on an ecosystem and source control rather than treatment after the fact. However, there are still new problems that we weren't aware of before, such as endocrine disruptors. He has also seen more state involvement instead of primarily federal regulation. He stressed that the solution to pollution is not just technical, but political and social. The risk assessment paradigm has been promulgated and instituted, along with the development of professional organizations such as the Society of Environmental Toxicology and Chemistry (SETAC).

On a personal note, Rick looks forward to pursuing his interest in antiques, hiking, the outdoors and perhaps doing some part-time work as an environmental consultant.

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**Public Wing Opens for  
Whale Watch Week  
December 26-January 2**

Despite the absolutely miserable weather for this winter's annual Whale Watch Week, the HMSC Public Wing officially opened its doors to the public for the first time since its closure in May 1995. Although the Public Wing has no exhibits yet installed, the bookstore was fully stocked and open for business, volunteers were on duty to describe what will be coming in the near future, and a computer station with the HMSC home page was set up for curious explorers. Whale artifacts and a brief quiz were on hand and an 8-minute video on Bruce Mate's whale research was shown in the auditorium.

The winds, rain, flooding and poor road conditions kept the number of visitors very low all along the coast. An estimated 200 people found their way to the Center during the week and all were encouraged to come back when we open officially on February 1. The exhibits, of course, will not all be in place at that time, but visitors will be able to return again and again to watch the installation of the exhibits. The grand opening will be scheduled when everything is completed.

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## **Dream Merchants of the Deep**

On February 22, at 2:00 p.m., the HMSC Bookshop is hosting a slide show and lecture by author Tom Burgess on the history of undersea motion pictures. He will be signing his book, *Take Me Under the Sea: Dream Merchants of the Deep*, after his talk. Although he will focus on the first undersea motion pictures, he will also touch on the long history of fascination with the sea in literature, art and photography. Leslie Leaney, President of the Historical Diving Society, commented that "Mr. Burgess has accurately captured the extraordinary adventures of the pioneers responsible for introducing the public to the underwater world through the beginnings of undersea cinematography. Written with style and wit, it is extremely well researched."

For more information or to purchase a copy, please see Linda VanderBurgh in the bookstore (7-0126).

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## **Personnel Notes**

Farewell to **Dave Weaverling** who is moving to Springfield! Dave has been one of our maintenance men since 1988.

**Marcia House**, a grad student of Dr. Reno's, is going to the NMFS in Seattle for a month to work on a special research project. She promises a full report upon her return in February.

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## **Library Notes**

### **Library Keys**

All keys to the library are now signed out by the library staff rather than Maureen Collson. This transfer was made during the summer. There are two types of library key--one for people who are here quarter by quarter such as students (student key), and one for permanent HMSC people (staff key). All keys are checked out like a book. So, those of you with staff library keys will be getting an overdue notice at the end of December and the end of June. The notice will say something about HMSC Lockerstranlate that to HMSC Library Key. The library staff will try and get keys renewed to those we know are around before the notices are generated. Please be patient and just call if you get a notice. This is also a chance for you to return your library key if you are not using it. We are trying to keep better track of who has keys to the building. Thanks for your help.

### **Ocean Policy Advisory Council: Ocean Symposium**

The Ocean Symposium took place October 10 with numerous excellent speakers. Bob Bailey of OPAC arranged to videotape the symposium and kindly made a copy for HMSC. If anybody is interested in viewing this tape, you can either check it out for overnight use or we can arrange to show it in the library. Call the library for more details. Here's the list of speakers and topics.

- David Greenland - *Variability of Oceanic and Atmospheric Systems (44 min)*
  - Dan Bottom - *Ecosystem Variability and Salmon Survival (39 min)*
  - Jane Lubchenco - *Ecosystem Services and Sustainability (56 min)*
  - Neal Coenen - *Emerging Issues for Oregon's Marine Fisheries (50 min)*
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## **Good Conversationalists**

- Can talk on a broad range of subjects
- Show interest in what other people are doing, how they are doing, and where they are heading
- Are able to make a fast switch in topics
- Know how to tailor their topics to the interests of the people with whom they are speaking
- Don't interrupt
- Speak from experience and knowledge, not careless conjecture
- Look people straight in the eye when talking to them
- Refrain from correcting in public another person's facts, grammar or pronunciation
- Show genuine interest in good news about colleagues
- Know how to question a stranger in a friendly, rather than a prying manner
- Accept compliments gracefully, rather than refuse them
- Know how to pay compliments gracefully
- Know when to talk business and when not to
- Are always armed with many interesting topics, other than themselves, to discuss
- Address everyone within the group, not just one or two people
- Know how to make a shy person feel part of the group
- Know what to do if they sense they are boring people
- Are nice enough to step in to fill an embarrassing void in conversation

· Have a sense of humor

From *Letitia Baldrige's New Complete Guide to Executive Manners*