The second HMS SeaFest was blessed by good weather (after the pre-opening shower) and an excellent attendance, estimated at 4,000. There were more exhibits, especially in the front area and on the dock, music, food and lots of activities for children and families. New this year was the Artisans’ Marketplace that featured artists who use marine-related themes or materials in order to offer an alternative path leading to the appreciation of the sea and all that it contains.

The opening ceremony featured interim OSU Provost Sabah Randhawa and Virginia Tippie of Coastal America. It was followed by a well-publicized keynote talk by Dr. Jane Lubchenco and a series of talks by different HMSC and OSU scientists: Paul Komar, COAS; Bob Embley, NOAA VENTS; Michael Morrissey, the Astoria Seafood Lab; Roy Lowe, USFWS; Bob Collier, COAS; Walt Nelson, EPA; and a special Sea Otter panel with David Hatch of the Elaka Alliance and Judy Tuttle of the Oregon Coast Aquarium.

There were tours of the seawater system, the facilities, the VENTS program, the aquaculture program, animal husbandry for the Visitor Center, and the genetics program, in addition to continuous tours of the oil spill responder vessel. Three tents were set up in the front grass to house over 15 different exhibitors. New this year was the real trawl net set up by ODFW by the Barry Fisher

(continued next page)
building that kids were encouraged to crawl through and explore, as well as other fishing gear. The ROV that kids could actually “drive” in the Ship Ops parking area was another big hit.

This major event could not have been a success without the help of many people and agencies. Thanks to all of our HMSC and community volunteers and every one of our HMSC agencies and participating OSU departments. Special kudos to Terri Nogler and her coordinating committee: Craig Toll, Carol Cole, Cheryl Brown, Rick Brown, Jim Bottom, Steve Parker, Judy Mullen, Sara Heimlich, Jon Luke, Randy Walker, Fred Jones, Melody Pfister, Jessica Waddell, Dawn Grafe and Susan Merle.

Mark Camara, Ag Research Service Pioneer

A new agency has set up shop at the HMSC, the U.S. Department of Agriculture’s Ag Research Service, in the person of Mark Camara. With the growth of aquaculture in the Pacific Northwest, the industry worked with the USDA to provide the same research support enjoyed by freshwater aquaculture and terrestrial farming. Future plans also call for an ecologist who would work with integrated pest management for aquaculture crops.

Mark is a geneticist working with shellfish with the goal of improving shellfish stocks with better food quality, faster growth, more disease resistance, and better shelf-life. A quantitative geneticist, he works with known relationships and will be collaborating with Michael Banks of the Coastal Oregon Marine Experiment Station who looks directly at the genes through DNA analysis. Together they hope to streamline the selective breeding process by using genetic markers to cull out specimens before they are put out into the estuaries for two-year trials.

A native of Rhode Island, Mark earned his B.S. in biology from Brown University, his M.S. in marine ecology from Duke University, and his Ph.D. from the University of Colorado in genetics. His other experiences include being a Fulbright Fellow to Helsinki, Finland, where he worked on parasitic insects and their interaction with plants, an NSF post-doc at the University of Tennessee and a post-doc at University of California, Santa Barbara. Immediately before coming to Newport, Mark worked at VIMS on shellfish genetics, getting back to his original interest.

For fun Mark sails, enjoys fly fishing, cross-country skiing, biking and cooking. He pointed out that Oregon is a great place to enjoy all of these interests.
**Betty Kamikawa Gives Child Care Center Update, June 2003**

After 3 years of searching for an affordable, large enough place for a child care center, the Lincoln County Association for Family and Community Education (FCE) has the support of the Newport City Council to lease the old City Hall building. The Newport City Council also tentatively approved sponsoring FCE for a Community Development Block Grant of up to $600,000. Cost of the project is estimated at $750,000. The City of Newport has generously agreed to lease the building to FCE at no cost for the first 5 years of operation, $0.40 a square foot for years 6-10 and $1.00 a square foot beginning year 11. This is a saving of $660,000 during the center’s growth phase. FCE has also secured the assistance of architect Arnold Bondley of Lincoln City. Arnold has graciously agreed to do his work at no charge to the group. He has saved us $150,000 with his generosity. Arnold is working on the drawings for the remodel of the building. Our goal is to preserve and enhance the historic nature of the building. FCE has applied for several grants to pay for the remodel and to purchase equipment. To date FCE has been awarded $20,000 from the Lincoln County Board of Commissioners and will soon hear the status of the remaining grants.

When the center opens early in 2004, there will be slots for 111 children; 16 infants, 20 toddlers, 30 preschoolers and 45 children ages 5-12 years. Hours of operation will be 6am to 11pm, 7 days a week or as needed by the community. The center will employ a minimum of 21 full-time, certified staff members. The center will be open to families regardless of income or special needs at a cost of $2.50 per hour with scholarships available. We hope to have drop-in care available.

Four years ago a group of Hatfield Marine Science Center parents took a second look at having a child care center at HMSC. After many disappointing meetings the group came to the conclusion that there was no space available at HMSC and the South Beach Community Center would not be large enough to sustain itself as a child care center. The group of families then joined FCE in order to have non-profit status. FCE was the Extension Homemakers until they changed their name in an effort to include working families in their educational outreach. Members of FCE then teamed with the Newport Child Care Committee (NC3) to work toward building a much needed child care center for the Newport area. If you are interested in supporting this effort or have questions, contact Betty Kamikawa 867-0518 dbkamikawa@harborside.com or Anna Kagley 867-0228.

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**2003 Award Winners Announced**

At the June Markham Research Symposium, the recipients of this year’s awards and scholarships were introduced and presented their research projects. Congratulations to all!

Holt Marine Education Fund: Carrie Newell, COAS
Walter Jones Memorial: Ford Evans, F&W
Markham Awards:
- Ford Evans, F&W
- Jaime Gomez-Gutierrez, COAS
- Crystal Hackman, F&W
- David Hering, F&W
- Paul Lang, F&W
- Kathleen O’Malley, F&W
- Roly Russell, Zoology
- David Stick, F&W
Reynolds Scholarship: Paul Lang, F&W
Robinson Award: Not given
Bill Wick Marine Fisheries Award:
- Todd Miller, COAS
- Tana Tungawachara, FST
Yaquina View Elementary 4th and 5th grade students completed a service-learning project with a creative twist by contributing to a unique work of educational art.

The students culminated their semester-long Shorebird Sister Schools Program by removing over 600 gallons of trash from the Yaquina River Estuary during their second field trip with US Fish and Wildlife Service this spring. Local wildlife artist Ram Papish and AmeriCorps member Ashley Dayer used the students’ trash to create a Shorebird Trash Sculpture—a surface for student poetry. Poems about shorebirds and trash in the wetland habitat cover these two free-standing shorebirds, constructed entirely of trash items found in the estuary. By integrating their newly-gained knowledge of shorebirds with the trash, the students educated the public about shorebirds at their display at SeaFest on Saturday, June 21st.

In a 1/3 mile stretch of grasses and bushes along the Hatfield Marine Science Nature Trail, the students filled garbage bags with cans, glass bottles, 6-pack rings, styrofoam, and other debris washed in from the bay and ocean during high tides. Adult volunteers collected tires, large sections of plywood, and plastic barrels. Interesting finds included socks, a plastic coffee mug, and jars with fish guts. After learning about and observing shorebirds throughout the spring, the students appreciated the opportunity to help the shorebirds in a meaningful way. “I liked collecting trash because I felt like I was really doing something,” one student remarked. The hands-on activity clearly proved that kids can help the environment.

Back in the classroom, students composed poems about trash and its impacts on shorebird habitat, which they wrote on pieces of trash. After 5 months of learning about shorebirds with Oregon Coast National Wildlife Refuge Complex staff and AmeriCorps members through the Shorebird Sister Schools Program, the students had plenty of material for their poetry. Shorebirds include sandpipers, plovers, and their close relatives, which are uniquely adapted to long migrations and life in wetlands. Thousands of shorebirds depend on the wetland habitat of Yaquina River Estuary for a migration stop-over site each spring and fall. They consume large quantities of invertebrates in a day as they fuel up on their journeys from Central and South America to breed in Alaska and northern Canada.

These 4th and 5th grade students now have a great appreciation for these shorebirds after learning about their behaviors and ecology this spring. Their poetry demonstrates their passion for conserving these birds and their wetland habitat:

Heed my word~
This trash will fly away
and come to haunt us all one day.

For more information about Shorebird Sister Schools Program, contact Oregon Coast National Wildlife Refuge Complex at 541 867-4550 or visit http://oregoncoast.fws.gov/education.htm.
What Have Those Aquarium Science Guys Been Up To?

Bruce Koike, OCCC

Later this summer, our community will experience an influx of students who have been accepted into the Aquarium Science Program at Oregon Coast Community College (OCCC). Thus far 20 individuals have given us their written commitment to begin their studies here this fall. Successful candidates are from Washington (Seattle and Brush Prairie), Idaho (Boise), California (Avalon), Minnesota (sic) (Duluth) and Oregon (Cloverdale, Corvallis, Depoe Bay, Eugene, Hermiston, Lincoln City, Logsden, Newport, Riddle, Tidewater and Waldport).

To be considered for acceptance into this program, each prospect had to submit a number of application documents. Once these documents were reviewed, the prospective student was then interviewed. Throughout this process, which began in January, I have been impressed by the enthusiasm, optimism and motivation expressed by these individuals. In addition to these qualities, most have demonstrated a pattern of activities that revolved around the care of animals. As evidence of this, one student is a volunteer diver at the Oregon Zoo’s Stellar Cove exhibit, another has volunteered at the Wildlife Safari (Winston, OR), and several others have been involved at facilities such as the Hatfield Marine Science Center, Oregon Coast Aquarium and the Catalina Island Marine Institute (Avalon, CA).

In preparation for this fall, two courses were “piloted” which allows us to make adjustments before the course’s next offering. Besides refining the courses, an unanticipated consequence was that several individuals who were enrolled in the pilot course were recruited into the program. The program has been “discovered” through resources such as Internet searches, word of mouth, and newspaper articles.

During the upcoming terms staff and students will be busy with a variety of activities, including teaching several Aquarium Science courses. In addition to the listed specialty courses, cohort participants will also enroll in general education courses.

Fall 2003
- Introduction to Aquarium Science (for program students)
- Practicum 1

Winter 2004
- Introduction to Aquarium Science (for non-program students)
- Practicum 1
- Practicum 2
- Biology of Captive Fish

Spring 2004
- Interpretation and Communication
- Practicum 2
- Biology of Captive Invertebrates
- Current Issues in Aquarium Science

With Pete Noah leading the charge, the West Wing has been significantly re-arranged to be user friendly and versatile. Many of the aquarium science laboratories will be held in this part of the HMSC. Space to construct and maintain aquarium systems, and the opportunity to conduct animal observations are each critical facets of the aquarium science program.

Developing potential internship opportunities for students continue to be explored with various facilities and projects. Every student will fulfill an 11-weeks internship at the end of the aquarium science studies. Though some positions are paid and some have a housing allowance, in most cases the intern receives no compensation. In an effort to reduce expenses associated with the internship, a lithograph fish print has been produced to benefit a scholarship fund. Because the artist has donated the use of a China rockfish print, all the proceeds from this purchase directly benefit the student intern. The cost of the poster, which is printed on heavy stock paper, is $20. A signed/numbered, limited edition print without the accompanying text is also available ($35) from the artist. Both prints can be purchased for $45, with the program receiving the full $20. To support this scholarship fund contact Bruce Koike, 574-7130 or bkoike@occc.cc.or.us.
Improved ILL Service for NON-OSU Library Patrons Who are Associated with HMSC

Improved interlibrary loan service is now available for non-OSU library patrons who work at various agencies located at HMSC. Staff at the following agencies are invited to register now for the improved service: ODFW, USFW, AFSC, NWFSC, EPA, PMEL, and the Seafood Lab in Astoria. This electronic service allows users to make requests for library items not found at the Valley Library or at the Guin Library. Articles requested through this service will be borrowed from other libraries around the country and will be delivered to your email account. Books, tapes, and compact disks will be delivered to agency mail buckets. (We’ll let you know prior to ordering if we cannot find a free source for your material and if there would be charges associated with your desired items). Technical support will be ending for the current method of requesting and posting articles to the web. After August 6, 2003, you will need to use this new method for interlibrary loan services.

In order to use this service, please fill out the registration form at http://osulibrary.orst.edu/ill/guinfrm.htm. This form is exclusively for non-OSU users associated with HMSC. All fields must be completed. You’ll be asked to supply a password for your new ILL account (called “OSU ILL”). You will receive confirmation via email once the registration process is complete; please allow one working day for your account to be created. After you have received the email which provides your username, password and the details of your account, you can make requests. Please keep a record of your username and password as you will need this every time you use OSU ILL.

In order to make requests after you have successfully registered, go to the following address: https://andorra.library.oregonstate.edu/illiad/agent/index.php Here is where you’ll use your username and password. Please
Historic Newport Photos on Display in the Guin Library

Selected photographs of Roger A. Hart, 96 year old chronicler of Newport, are currently on display in the Library. Mr. Hart was an auto-parts dealer with a strong avocation for photography. He took many photographs of Newport from the late 1930s through the 1980s, documenting all as he did. The photographs on display demonstrate his interest in the fishing fleet, the bridge and the coast's lighthouses. Thanks to Personnel Notes

Dave Sampson enjoyed his farewell party and set off with Nicki, Jessica and Daniel to his new position in Portsmouth, United Kingdom.

Congratulations to David and Carolyn Specht on the birth of their granddaughter, Jane Tennant White, on June 14. Jane’s mother, Anna Specht White, worked at the Center during her college years.

Terri Nogler, most recently with Sea Grant here, has taken a choice position with the Business and Community Development Department of Skagit Valley College in Mt. Vernon, Washington.

Yusuke Koseki is finishing up his post-doc with Ian Fleming and will return to Hokkaido, Japan, this month.

If you have any questions or difficulties in getting signed up for this new service, please contact staff at Guin Library at 541-867-0162 or 541-867-0161 or email us at: HMSC.library@oregonstate.edu

 bookmark this web address for future use. All your account details and articles are accessible through this website only; please note OSU users receive the same service but use a different web address to access the service than Non-OSU patrons use.

Once you are registered for this program, you’ll be able to view and download your ILL requests. You’ll also be able to track them, ask for renewals and resubmit any requests which were cancelled. We hope you will find it to be a handy and useful service. (Please do not confuse this service with the regular borrowing service that occurs daily between Guin and Valley Libraries, called “Intra-library Loan”. Intra-library loan is the service you use to request items which are available at Valley and not available at Guin Library by simply clicking the “Request” button at the top of Oasis records.) Also be aware that OSU users receive the same interlibrary loan service but use different web addresses to access it than Non-OSU patrons use, so please do not get confused. If you are a non-OSU person working at HMSC, just bookmark the second address listed above and use it consistently to place your interlibrary loan requests.

It’s also time for the annual summer binding project. We will be binding mostly 2002 issues, so if you need to use some 2002 articles, you might want to copy them now. Remember, unbound issues of journals may not be taken out of the library. Also, some of the back issues of titles available will be taken to storage to free up shelf space. Guin Library staff members encourage all library users to explore the availability of online journals, both through Oasis and by checking the list at: http://osulibrary.oregonstate.edu/research.php/ejournal.php?arg=a

If you haven’t renewed your books, please do so now, so you avoid that big fine in August. You can renew over the web at http://oasis.oregonstate.edu/screens/accessrec.html. If you have renewed the books too many times, please bring those books in and library staff will check them in and back out to you.

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