

**2008**

**Message from the Department Head: Ramblings**



Normally, I develop a theme for my department head message in News and Views, but this time I have themed out. Thus, the rambling headline. I have decided to use the space this issue just to bring you up to date on things and answer questions that I commonly hear regarding the department.

A major component of my job is being a braggart and head cheerleader for the department. The faculty and students of your department make that part of my job quite easy—there is always something in the news around campus about Fisheries and Wildlife. This past year, on-campus Fisheries and Wildlife faculty grants totaled almost \$8.7 million, exceeding our previous record by over \$1 million. Only one other department on campus, Forest Science, exceeds our total, and they have a much larger faculty than ours. If we included our faculty at experiment stations around the state, our grants and contracts would exceed \$12.5 million, which is about 7.5% of all the grants and contracts OSU received last year!

A record number of six students from Oregon State University received 2008-09 U.S. Student Fulbright awards, and three of them are from Fisheries and Wildlife! Fulbright awards are merit-based fellowships awarded annually to recent bachelor's, master's and doctoral students, and are used to study and conduct research abroad. The Fulbright program is sponsored by the United States government to

“increase mutual understanding between the people of the United States and the people of other countries.” About 1,200 are selected annually from a nationwide applicant pool. Fisheries and Wildlife 2008-09 Fulbright recipients were Matt Hawkyard, Christina Murphy, and Seth White. Matt is an M.S. student in fisheries science and will conduct shrimp and larval fish research at the National Institute for Nutrition and Seafood Research in Bergen, Norway. Christina was our 2008 Outstanding Senior in fisheries and wildlife, and an international degree and University Honors College student. She will conduct research in marine biology at the ECIM Marine Laboratory in Las Cruces, Chile. Seth just finished his Ph.D. and plans to conduct research on fish community dynamics in regulated rivers of the Morava basin in the Czech Republic.

The Fish and Wildlife Club was named the 2008 College of Agricultural Sciences Club of the Year!

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(not the first time). Nancy Allen received the 2008 College of Agricultural Sciences F.E. Price/ARF Student Advising/Counseling Award joining other great advisors, Charlotte Vickers, Rebecca Goggans, Jim Hall, and Bob Jarvis, who were recipients of this coveted award in the past.

See the other highlights in the Kudos section of the news letter to get an idea of how easy my job is.

We have had two great hires recently. Clint Epps, our new mammalogist joined us in July, replacing Bruce Coblentz, who retired a couple of years ago. See the articles about Clint and Bruce later in the issue. We also hired Brian Sidlauskas as a replacement for Doug Markle. Brian will join us in July 2009. In addition to expertise in mammalogy and ichthyology, both Clint and Brian have expertise in molecular genetics, which will add additional breadth in this important conservation discipline. Both of these guys continue the ponytail style pioneered by Doug Robinson seven years ago.

So, did you guys ever do the name change? Funny you should ask. The paperwork for changing our name to the Department of Fisheries, Wildlife, and Conservation Biology will be filed this term or next, and we anticipate approval before next academic year. This has been a long time coming. Many of you provided very thoughtful comments on our earlier proposals, and we very much appreciate your thoughts and ideas.

Weren't you guys working on a curriculum change? Yes, and the paperwork for our new undergraduate curriculum should be completed soon as well. We have already filed the paperwork for the new and revised courses that will be required for the new curriculum and the change in degree requirements is all that remains. The new curriculum restructures our three-term group problem solving sequence into two capstone courses (Problem Solving in Fish and Wildlife and Communications in

Fish and Wildlife), which still require a major, two-term, team project. Other changes include reducing the number of credits in the self-designed specialization that each student develops and requiring additional courses in basic biology (such as genetics, evolution, physiology and behavior) habitats and ecosystems, and species conservation and management. Our new curriculum will continue to provide the training our students need to meet the demands of the fish and wildlife profession into the future.

What's next? We will begin reviewing the graduate curriculum next and will continue our discussion about whether we should offer on-line B.S. and non-thesis Master's degrees. Stay tuned, these latter topics promise to lead to a vigorous debate.

Our 75th anniversary is coming up (see below). We'd like to hear your thoughts on this. And sincere thanks to the more than 250 donors who gave a total of more than \$350,000 to the department in the last year (see p. 11). Your generosity is greatly valued.

As always, your thoughts, ideas, and ramblings are much appreciated. Have a great holiday!

Dan Edge

## Lenora Bond doing well

Just talked with Lenora's daughter, Nancy Hemming, who reports that her mom has recovered nicely from the hip surgery of a year ago. Her surgeon saw her recently and said he doesn't need to see her for two years. She'd be glad to hear from you. You can send greetings to 4650 SW Hollyhock Circle, #220, Corvallis, OR 97333. Phone (541) 753-8315

## Plan for 75th!

Time flies when we're having fun. The year 2010 will mark the 75th anniversary of the founding of the Department, and we're planning a grand celebration. A committee has already been formed and ideas are being floated. We are considering a number of possibilities, among them a date in conjunction with an early season Beaver football game (September), a spring date possibly including the final spring football scrimmage or a baseball game (early May), or the traditional July event. If you have ideas and suggestions, let us hear from you. Send a note to Dan (address at left), or email him at [daniel.edge@oregonstate.edu](mailto:daniel.edge@oregonstate.edu). We're hoping to get a good turnout of alums from all of our eras, so let us know what you'd like included. We will try to give you the final date and general plan a year ahead of the party, so you'll have plenty of time to plan for it.

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**News and Views** is an alumni newsletter published annually by the Department of Fisheries and Wildlife at Oregon State University.

**Editor**—Jim Hall

**Editorial Assistant**—Hiram Li

Comments, letters, and suggestions are welcome and should be addressed to: Editor, *News and Views*, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR 97331-3803 or [james.hall@oregonstate.edu](mailto:james.hall@oregonstate.edu)

## News from the Club

Now, as in years past, the Fisheries and Wildlife Club is a diverse and active group. New friendships are being made, great networks are being formed with biologists, and we're having a terrific time. We're all striving to be the best and the brightest while also getting lost in the woods and covered in fish guts...most of us are succeeding in these endeavors. Just so you know, we were the College of Ag Science "Club of the Year" last year.

Spring Term 2008 allowed for numerous activities, but two great trips stand out. One was a weekend-long orienteering outing led by grad student Katie Moriarty. The participants spent time practicing valuable map, compass, and GPS skills and even ended up face to face with juvenile and mother Northern Spotted Owls on Mary's Peak! The other trip was a day trip to the Portland Zoo in which the Club was given a behind-the-scenes tour of the Raptor Exhibit and given freedom to observe all other exhibits. Both excursions were a big success.

We then took our summer hiatus and had some amazing internship experiences. With the beginning of the new school year and a new Leadership Team set in motion, one new trip occurred. The Club spent a weekend in Coos Bay helping spawn and collect broodstock of Chinook salmon at two STEP (Salmon and Trout Enhancement Program) hatcheries, as well

as seining the bay, all with ODFW Biologist **Tom Rumreich '79**. The spawning was a great hands-on learning experience for everyone involved and included most parts of the process: collecting and sorting the salmon from the raceway, extracting and collecting the gametes, and placing the carcasses into streams to return nutrients to the system. Milt, eggs, and carcasses, oh boy! Also during the Fall, all of us old and wise (yeah right!) undergraduates spent time spreading our infinite knowledge to grade school kids (Kindergarten through 6<sup>th</sup> grade) at Discovery Days. There the kids played the "hand in the box" game (where they reach their hands into a covered box and try to guess what they're feeling, (examples: turtle shell and bird nest) and got the chance to dissect owl pellets; they loved it!

In the coming two terms we're looking forward to a bird watching trip, a snow-tracking trip, a marine ecology trip, and of course attending the American Fisheries Society (AFS) and The Wildlife Society (TWS) Conferences in February, as well as many more activities. We have no boundaries; we'll probably explore the woods, get dirty, most likely handle some sort of animal innards, learn a ton, and do some more fun volunteer projects as well. Wish us luck!

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## Grad Students also active

Building on the success of the undergraduate student club, the graduate students some years ago established the Fisheries and Wildlife Graduate Student Association. The group is designed, among other objectives, to improve communication among graduate and undergraduate students and faculty of the Department of Fisheries and Wildlife and to enhance exchange of ideas and collaboration among graduate students. This fall the group sponsored its sixth annual symposium: Research Advances in Fisheries, Wildlife, and Ecology (RAFWE), held on November 11, 2008. RAFWE was initiated by graduate students in the Department of Fisheries and Wildlife to provide speaking experience to graduate and undergraduate students studying fisheries, wildlife, ecology and natural resources at Oregon State University. This symposium is organized entirely by graduate students; its purpose is to showcase fisheries, wildlife, and ecological research being conducted at OSU. The symposium audience includes students and faculty from many departments across the OSU community

as well as representatives of natural resource organizations in Oregon.

RAFWE is a day-long event that began with three concurrent technical workshops. This year, workshops included Introduction to Bayesian Statistics presented by Dr. Alix Gitelman (Department of Statistics), Survival Skills for New Instructors presented by the Center for Teaching and Learning, and Media Training presented by the OSU's Media Relations and University Advancement staff. Twenty-seven oral research presentations were given by students and faculty in sessions focused on terrestrial ecology, freshwater ecology, and marine ecology. Following oral presentations, 12 research posters were displayed during the poster session. Additionally, many natural resources agencies and organizations staffed career booths throughout the day, providing opportunities for students and agency staff to exchange ideas. The formal symposium

*(continues on p. 6)*

## From the Mailbag

**Seth Naman '01** writes to Dan: Just going through some junk mail here and was reading your piece about the changing of the department name. Ha Ha! Not sure if you remember me or not but I graduated in 2001 and Doug was the one lucky enough to have the unfortunate honor of being my advisor.. I've been living in Humboldt County and working as a fish biologist for the Yurok Tribe for 5 years, busy also getting a masters at HSU for about 2.5 of those. In fact, I sent a first draft to my major prof **Peggy Wilzbach, (Ph.D. '85)** this evening! I'm super jazzed to have leaped that hurdle now, because it felt like a long slow road. But it turned out well I think. As long as I get a blessing from Dave Hankin on the mathematics, I plan to graduate in the spring. I'm divorced, but have two beautiful boys, Travis, 5 and Everett 3. Lots of action abounds these days. Hope you are doing well,

**Paul Vohs (F&W faculty 1968–1974)** Writes: Hello Jim, Long time no correspond. **Dale Hein '59** sent over a copy of the recent OSU Departmental newsletter for me to read. I did read it from cover to cover and was impressed with the editor and the amount of informative information in it. Great job. I was sorry to hear about Carl Bond, but glad to hear that Lenora was improving. I will send her a message this week. I also was interested in the name change discussion for the department. Hopefully, you all will find a satisfactory name.

We are just loafing through retirement with help from the Navy, the government, and even a bit from Oregon retirement. We spend 5 months in the Colorado mountains in North Park. The rest of the time we are at home in Fort Collins, if we are not heading for Arizona to visit the youngest grandchild, 4 years old. We attend some CSU sports, keep busy with wood carving and wood working, and stay out of the hospitals as much as possible. Dale says he will continue to let me read the newsletter so keep up the good job.

**Owen Hoffman M.S. '69** writes: Jim, Good morning and Merry Christmas and Happy New Year! I was a student of yours in Research Methods in 1967-1968. You might recall that I was Jack Donaldson's first graduate student. Not all of the OSU F&W graduates were fortunate enough to find careers in fish and wildlife, but the fundamental training in research methods helped us adapt to address research problems in other related fields.

When I graduated from OSU with an M.S. degree in fisheries and a minor in ecology, my goal was to work as a naturalist with the U.S. National Park Service. I worked as a seasonal ranger-naturalist at Crater Lake (where I did my M.S. research on zooplankton migrations), and went on to work as a ranger-naturalist at Zion and Yosemite National Parks. I got married to a German girl in 1971, and traveled to Germany for the wedding. There, I accepted a position with the German Institute for Reactor Safety, and started to investigate the ecological conditions of the Rhine River, since it was destined to be a source of cooling water for a large number of future nuclear power plants.

I returned to the U.S. in 1976 to work at Oak Ridge National Lab, with the full intent to eventually get back into the U.S. National Park Service. Returning to the parks as a professional employee never happened, as training in other disciplines besides science seemed to have a higher priority in that agency. So I went on to get a Ph. D. in Ecology at the University of Tennessee in Knoxville and completed that in 1981.

You can imagine my surprise when working in the Environmental Sciences Division at ORNL to find myself working in the same organization as **Bob Brocksen '64, M.S.'66, Ph.D.'69** and **Ray Milleman**. I knew both from my OSU days. I've remained in Oak Ridge, Tennessee since 1976, and since 1992 have been president and director of SENES Oak Ridge, Inc., Center for Risk Analysis. Over the past decade or so, we have specialized in calculations of health risks associated with exposure to radiation and trace levels of other contaminants. We have assisted the National Cancer Institute in estimating the radiation dose and associated risk of thyroid cancer for public exposures received nationwide as the result of 1950s fallout produced by testing of nuclear weapons at the Nevada Test Site. You can see more of what I've been up to by either Googling my name or going to [www.senes.com](http://www.senes.com).

I've maintained my interest in national parks and Crater Lake, and currently serve as a director of the Crater Lake Institute [www.craterlakeinstitute.com](http://www.craterlakeinstitute.com).

Two days ago, I came home to see a copy of the News and Views on my kitchen table. I was amazed to find that my childhood best friend, whom I played with nearly daily between the ages of 7 and 10 when we lived in San Francisco, **Hiram Li**, has not only had a distinguished career at OSU, but both he and

his brother Stacy Li are fisheries Ph. D.s. What an amazing coincidence! It's been 55 years or so since we've played together at Grattan Playground in San Francisco.

I have also learned that Hiram's wife, **Judy**, has had work experience with my friend and former OSU limnology Ph. D. candidate, **Doug Larson Ph.D. '70** (Jack Donaldson's second graduate student). The Crater Lake Institute awarded Doug its Centennial Award for Excellence in Lake Research in 2002. It's a very small world indeed.

I was saddened to learn of the passing of Dr. Bond, who I admired greatly. I will close now with wishes for a Merry Christmas and a Happy New Year to you and all who might have experienced those great years in the late 1960s at OSU Fisheries and Wildlife.

[ed.note: Owen sent a very long letter, which I had to shorten due to space limitation. Those of you who knew him and would like a complete copy could write me or email]

**Doug Nemeth '83** writes: Dr. Hall, I just looked over the November '07 OSU F&W newsletter and I was sad to read of the passing of Carl Bond. Just 3 weeks ago I bought a copy of the Biology of Fishes for my son's natural resources class. The teacher is a forester, and does a good job overall; however, when my son was telling me about adipose fins on pickerel, I got involved with the class and bought the teacher the book.

Since OSU I've lived and worked all around the country and it's been a wonderful "ride" so far. I've found I have my own brand of adult A.D.D. and once I've been in a job long enough to know what I will face in the next year or the next month, I'm bored, and start looking to move on to something new. This has resulted in a wealth of experiences that I wouldn't trade. After leaving OSU I've worked in: Indiana (grad school), Maryland (grad school), Oregon, Idaho, Florida, California, and now my area of concern extends to the entire Southeastern U.S. and Cuba. I could have never imagined... I hope you are well and that you have a wonderful new year.

From **Austin Hamer '42**: Hi Dan- I have been sorting out a lot of memorabilia and throwing lots away to get ready for my move to Assisted Living on March 1. I spent a couple of days in the Emergency Room for a spike in blood pressure, but it seems to be under control now. I'm feeling okay. My daughter is here to help me sort and pack, and my son will come

on March 1 to help with the move.

One of the things I found was the 25th Anniversary Year Book with all the classes listed. I had forgotten how many there were in the class of 1942, and it shows only 22 of us. Do you know how many of those are still alive? [ed. note: we have 4 on our mailing list. There could be others] I will be 92 on March 4. I had intended to remember to send Francis Ives a card for his 90th, but that's when I was least able to do so. Best regards to you.

From **Tom Mendenhall '85**: [on accepting the position of Program Leader for Fisheries in the BLM Washington Office] I'm just realizing what I stepped into here at the BLM helm. The program's been in a bit of disarray the past few years with several program leaders stepping into the position and leaving soon after. **Jack Williams [Ph.D. '81]** was the last manager we've had who was able to fund the program the way it should be run. I think the last few managers we've had were not the right people for the job in that, although very intelligent and knowledgeable of fish and their habitat, they had no knowledge of the BLM structure, or for that matter, either land management agency (FS included) and got frustrated with not getting the program operated the way they felt it should've been. I'm the first person to be in this position since Jack with western lands field experience with the BLM and with the USFS. I do have my work cut out for me with getting the WO administrators to recognize fisheries as more than a support program. I'm active with the National Fish Habitat Action Plan (NFHAP) here in D.C. with the BLM states getting involved with two partnerships under NFHAP, the Desert Fish Habitat Plan and the Western Native Trout Initiative. This will help my program gain some validity within the BLM and with other agencies with putting appropriate BLM fish funding to on-the-ground restoration activities.

[Ed. note] In the Department of very sad irony, I had received from my student **Terry Finger, Ph.D. '80** a kind reply to news of losing my wife Bonnie. His note had gotten buried in my email for a couple of years, but just as I was about to reply, I received the following from his wife **Susan Fuller Finger M.S. '81**. It came within days of her induction into our Registry of Distinguished Graduates [see p.9].

Dr. Hall, It is with tremendous sadness that I am informing you of Terry Finger's passing on June 11th. He was a wonderful husband and father and his death at age 59 was certainly untimely. I know he

held you in very high regard and I thought you might be able to include a short note in an upcoming FWS newsletter. As you know, Terry loved the Catskills, and he passed away (from a heart attack) at the top of one of his favorite places. We have asked that anyone wishing to remember Terry make a donation in his name to the Esopus Creek Conservancy (<http://www.esopuscreekconservancy.org>). Terry caught his first trout in Esopus Creek when he was 8.

#### **From Dave Narver '56**

Both Barbara and I read News and Views "cover to cover" when it came a couple of days ago. You do a great job. I suddenly realize that it has been some years since I donated to the Department which I now have vowed to do soon. Don Trethewey is a long-time friend and fellow fish and wildlife activist in the B.C. Wildlife Federation—30,000 members from 140 fish and game clubs. In the early 1970s, when he was a waterfowl biologist with the Canadian Wildlife Service, he and I got to know each other. He recruited me as a volunteer duck hunter in the Nanaimo Fish and Game Club to help him assess the harvest on the Nanaimo River flats. He is a keen fly angler on our still waters of the Kamloops area.

My warm regards to Howard Horton. While I cannot say that Howard "influenced" my "life and career", I do recall fondly a time in the mid 1950s when a number of us, including Howard and Carl Bond and fellow undergraduates (and fraternity brothers) Deb Davis and Bill Griffiths, took up bow hunting in MacDonald Forest. I recall one day when

we spent hours looking for a doe that Howard "gut shot". We finally found it dead. I have not hunted with a bow since! I will send him a personal note as suggested. Also I will be writing Lenora. She and Carl touched so many of us who were just beginning our fisheries or wildlife careers. What a great career Carl had!

**Jim Yoakum M.S. '57** writes: Want to thank you for sending the 2007 News and Views. I eagerly look forward to the 2008 edition—especially to hear about my old friend Howard Horton from Oregon Cooperative Wildlife Research Unit days during the early 1950s.

I continue to work on pronghorn studies at Hart Mountain. I have been working on this project for a decade or so. At first I titled it "Fifty years of managing pronghorn on Hart Mountain". However, the data were more complete when information was included for the 18 years prior to my arrival for the OCWRU and Art Einarsen on Hart Mountain in 1954. Documenting and assessing wildlife management for pronghorn for more than 70 years has been tremendously challenging and rewarding, for the collection of long-term data has provided a wealth of science findings not available for pronghorn ecology and management.

**[Ed. note:]** Jim and I share an association that goes back 55 years. While I was an undergrad at UC Berkeley I spent the summer of 1953 working for the U.S. Fish and Wildlife Service in Anchorage. I shared rather primitive Quonset hut quarters with four other summer student employees, including Jim, George Schaller (of mountain gorilla fame), Dave Klein (later Leader of Alaska Coop. Wildlife Research Unit, Bob McVey (later Regional Director for NMFS in Juneau), and Alan Courtright (later Asst. Director, ADF&G). It was quite a group.

**Ed Hill '54** sent along a few slides for the archives. Thanks for the contribution.

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*Grad Students continued from p. 3*

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### **Building Makeover Continues**

With Phase one, seismic upgrade, of Nash Hall renovation now complete the project moves' to the planning stage for Phase two. Over the last few months a plan is being developed for an energy efficiency upgrade for the building. This phase will involve the building HVAC system, lighting throughout the entire building, and the removal of existing windows for replacement with energy efficient windows. The Department is part of the group doing the planning, and is closely watching and working with the University and engineers to find the best ways to minimize the impact on Nash Hall users, Faculty, Staff and students. The project is complex; reliable dates to expect work to begin are still vague, with late Spring or early summer of 2009 a possibility. For update information contact the Department Nash Hall renovation committee through [rob.chitwood@oregonstate.edu](mailto:rob.chitwood@oregonstate.edu).

ended with an exceptional keynote by Dr. Julia Parrish, Director of the Program on the Environment at the University of Washington. Dr. Parrish's keynote address, titled "It's not rocket science, it's citizen science: involving the public in coastal ecosystem conservation", described her experiences developing and implementing a citizen science program as director of the Coastal Observation and Seabird Survey Team. This program has inspired students and faculty to collaborate with citizens in the course of their research. Approximately 150 people attended RAFWE this year.



## Meet the New Faculty



**Clint Epps looks over some hippo bones**

I was born and raised in Virginia on a small cattle farm. An early (and, alas, persistent) dislike of hard work caused me to disappear into the woods at any opportunity, sometimes for days. Given sufficient (de)motivation, a small child can cover a lot of ground. Collecting interesting bits of plants and following animals around seemed like a natural way to spend those long, guilty hours. As I grew older, I learned to pursue the famous trophies of the Virginia wilderness, particularly creek crawfish and gray squirrels. The family dog and I also developed an intense competition to see who could collect the most interesting roadkill. From there, a career as a “wild-life biologist” just sounded like the right way to go.

With that goal more or less firmly in mind, I headed off to Texas to pursue my B.A. in Biology at Rice University, which culminated in a senior honors project evaluating black bear habitat in a mosquito-infested swamp known as the “Big Thicket” of eastern Texas. “Potential” black bear habitat, that is—as some of you may know, the black bears of Texas were wiped out long ago. However, black bears began recolonizing west Texas—and possibly appearing in parts of east Texas—during the late 1990s. The idea of those large and sometimes secretive animals slowly filtering into empty habitat captivated me. We are

still waiting to see how well that habitat model works.

I did my Ph.D. with **Dale McCullough M.S.’58** at the University of California, Berkeley, studying how climate variation and human activities affect metapopulation dynamics of desert bighorn sheep. During that project (entirely swamp-free), I decided that population genetics would be a great tool for systematically examining how desert bighorn and other species actually move through complicated landscapes. That work sparked much of my current interest in dispersal, connectivity, and the dynamics of fragmented populations. Demography is difficult to measure, but dispersal often is even more challenging to study. In many landscapes and for many species, our models of dispersal and connectivity are based on sparse data. We are forced, in many cases, to make very broad assumptions about when, how, and where animals move around landscapes. Yet, as our global climate changes and habitat is continually fragmented, many conservation efforts are aimed at preserving or reestablishing links among populations and protected areas. One of my goals at OSU is to continue to investigate ways to better describe, understand, and maintain connectivity of wildlife populations on real landscapes.

After finishing the Ph.D., I had two postdocs, culminating in a two-year project split between UC Berkeley and Sokoine University of Agriculture in Tanzania. In Tanzania, I am assessing how habitat and anthropogenic activity affect distribution and connectivity of large mammal species within and among protected areas in central Tanzania (re-enter the swamps and mosquitoes). My goal is to evaluate changes in connectivity across a diverse group of species with different dispersal characteristics, combining field-based surveys and a landscape genetic approach. I have set up a small genetics laboratory on the main OSU campus to continue this work, and plan to maintain active field and laboratory research in Tanzania as well.

I am thrilled to join the Fisheries and Wildlife department, and I am striving to develop a broad research program studying ecology and conservation of mammalian populations, particularly fragmented populations, in the Pacific Northwest, the desert southwest, and Africa. I’m also interested in how research can contribute to policy and look forward to collaborating with other OSU faculty and agencies in the Pacific Northwest on the research needs of our region. And yes, I still investigate roadkills.

## Now Bruce Coblentz is really retired

When I think back on my career, it seems to me to be more of a long journey than a resume, so rather than offering a recap of my papers (ho-hum) and graduate students, I'd rather tell it as the story it is.

My career as a wildlife ecologist really began long before I had any formal training in the discipline. Despite being born in the Bronx (NYC), I was fascinated by animals from a very early age. When my family moved to New Jersey (at my age 7) I became exposed to a broad array of wildlife, and unlike most kids my age, spent most of my free time in the woods and swamps near where I lived (yes, there were natural habitats in New Jersey). I soon owned all of the available field guides of the day, and learned to be an observer of just about everything living. I learned to think like animals, which was of great positive value in the years that I was a fur trapper, but which was of significant negative value for socializing with the "popular" kids in school.

I graduated from Fairleigh Dickinson University (B.S. Biology) in 1967 and was soon off to graduate school at The University of Michigan. I gravitated toward working with Dr. Dale McCullough (OSU M.S. '58) because I was fascinated by his deer research on the George Reserve. In my mind, Dale was, and perhaps remains, the pre-eminent deer biologist in North America, and I took great advantage of our association by literally absorbing (he might say extracting) as much of his knowledge and insight as I could. In a sense I would say I owe my career to two things: my own strange genotype that led me to be fascinated by organisms, and Dale McCullough's tutelage. I received a M.W.M. (Master of Wildlife Management) from Michigan in 1969, and continued on for the Ph.D. with studies of feral goats, receiving that degree in 1974.

At this point my career began retracing McCullough's. His Ph.D. advisor at UC Berkeley was Starker Leopold. Prior to that he had been one of Art Einarson's Co-op students at OSU. My first position was as a lecturer at Berkeley, a position I got after applying directly to Leopold via a handwritten letter on brown paper (as in brown grocery sack) while camping in Maine. For whatever reason (sympathy? Poor judgment?), I was given that job and told to get to California immediately to begin teaching all of Leopold's courses for that year.

The following year (1975) I arrived at OSU as a big game ecologist hired to teach ichthyology (further poor judgment?), and the rest is history. I had now



**Bruce bags a 53-pound yellowtail**

retraced McCullough's steps back to OSU, but I then made a firm declaration that this was as far back as I would go; I was stopping in Corvallis (easy decision—Dale got his bachelor's degree at South Dakota State!)

Although trained as an ungulate ecologist, and having a strong background in evolutionary and behavioral ecology, my interest was literally captured by the problems caused by invasive species while I was studying social behavior of feral goats on Santa Catalina Island.

There on Catalina, the fascination over the goats' behavior was trumped by the rampant devastation that surrounded me while watching them. I was quickly hooked, and before long was one of a relatively few ecologists speaking out about the problems caused by invasive species, especially mammals on oceanic islands. For most of the next 15–20 years we were mostly ignored in the U.S. Nevertheless, I pursued invasive species problems relentlessly, and can credit myself and several former graduate students with significant milestones in understanding their biology, and in effecting their control/eradication.

There are basically two somewhat disparate facets of my career that I celebrate, and they fall in

*(continued on p. 10)*



## Registry of Distinguished Graduates

A committee chaired by Bob Hughes considered nominations and voted to add the following graduates to the registry

**Dale A. McCullough**, B.S. 1970, Ohio University; M.S. 1975 Idaho State University; Ph.D. 1988 Oregon State University.

Dale has been a Senior Fishery Scientist with the Columbia River Inter-Tribal Fish Commission in Portland, Oregon from 1994 to the present, and he has served on the NOAA Fisheries Interior Columbia River Technical Recovery Team since October 2001. He is a leading authority on the effects of water temperature on fish and is a member of the Oregon Department of Environmental Quality Water Temperature Committee and the USEPA Regional Water Temperature technical committee. He developed a screening process for potential use in land management actions under Sections 7 and 10 consultations by NMFS that incorporated a model of fish habitat quality/fish survival and watershed classification. Dr. McCullough was a technical reviewer of the Idaho and Colorado temperature criteria 2004–2006, a technical expert on Entergy Vermont Yankee Nuclear Power Plant's proposal to Vermont for a temperature variance in the Connecticut River, and a technical expert for the review of BLM's Draft Environmental Impact Statement for Western Oregon. Dale has authored or coauthored seven peer reviewed papers and eleven technical reports and given 28 invited technical presentations focusing on fish and watershed management. Dale is a quiet, but extremely thoughtful and persuasive scientist, as is indicated by his being awarded Phi Beta Kappa membership in 1970 and by continuous requests for him to serve on expert panels.

**Daniel M. Woltering**, B.S. 1973, Bowling Green State University; M.S. 1976 & Ph.D. 1980, Oregon State University.

Dan has been Director of Research for the Water Environment Research Foundation (WERF), Alexandria VA since 2003. In this position, he is responsible for development and implementation of the WERF strategic research plan, oversight of the ongoing research program, leadership of the research department, and communication of research plans and results to WERF subscribers and the scientific community at large. Prior to that position he was Managing Director for environmental science and risk management with The Weinberg Group and the Experimental Stream Facility Director for Procter

and Gamble Company. As a toxicologist, Dan has served the Society of Environmental Toxicology and Chemistry (SETAC) as its President, Vice-president, Treasurer, and Annual Meeting Chair, and was on its Board of Directors for 8 years. Dr. Woltering has authored 26 peer-reviewed journal or technical publications and has been invited to speak at 27 professional meetings, including meetings in Buenos Aires, Argentina; Geneva and Zurich, Switzerland; Berlin and Fulda, Germany; and Paris, France. He is an international expert on chemical risk assessment and a forceful advocate for water quality.

**Susan E. Finger**, B.S. 1973, Georgia Southern University; M.S. 1980, Oregon State University.

Susan has been Program Coordinator of the U.S. Geological Survey's Columbia Environmental Research Center, 1996 to present. Her major responsibilities in that position are to develop program initiatives that expand the research opportunities for the Center. Susan is the primary point of contact for the Center in interactions with other governmental and non-governmental entities. She coordinates research on the environmental effects of fire fighting chemicals for the USGS, and she represents the Biological Resources Division of USGS in developing, implementing, and publishing the science for the USGS Abandoned Mine Lands Initiative. Susan also serves as the USGS representative to the U.S. Department of Interior's Natural Resource Damage Assessment and Restoration Program (NRDAR) and she coordinates USGS activities nationally for all NRDAR cases (including over 50 case-specific projects). Prior to taking her current position, Susan was Field Research Division Deputy for the USGS's Midwest Science Center. In that post, she was responsible for the supervision and scientific oversight of research programs at eight Field Research Stations located throughout the United States. The research focus of all eight stations was related to environmental contaminants and their effects on aquatic ecosystems. Susan is author or coauthor of 35 peer reviewed journal or technical reports. As an OSU graduate student, Susan was always cheerful, enthusiastic and smiling—whatever personal or professional obstacles were thrown in her path. That same perspective, as well as a thorough education in aquatic toxicology, has served her well as she tackles a diverse set of environmental contaminants.

**Gordon H. Kruse**, B.A. 1977, Rutgers University; M.S. 1981 & Ph.D. 1983, Oregon State University

Since November 2001, Gordon has been the President's Professor of Fisheries, an endowed chair at the University of Alaska-Fairbanks (UAF) School of Fisheries and Ocean Sciences. He has broad interests in applied marine fisheries research, including population dynamics, alternative management strategies, fisheries oceanography, and marine ecosystem dynamics and management. At UAF, Gordon has taught graduate courses in Management of Renewable Marine Resources, Management of Alaska's Marine Fisheries, Ecosystem Considerations in Fisheries Management, Fish Population Dynamics, Fisheries Oceanography, and Marine Ecosystems. Gordon chairs the Scientific and Statistical Committee of the North Pacific Fishery Management Council, the Fishery Science Committee of the North Pacific Marine Science Organization, the Editorial Board for the Alaska Fishery Research Bulletin, and was program committee chair for an international

symposium on the resiliency of gadid stocks to fishing and climate change. In 2000, Gordon chaired the Alaska Steller Sea Lion Restoration Team. In 2007 he was awarded a grant as Lavern Weber Visiting Scientist at the Hatfield Marine Science Center. As expected from a collaborative professional with so many diverse interests and accomplishments, 57 of his 61 peer-reviewed papers include coauthors.

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### **The Registry of Distinguished Graduates**

is intended to recognize a select few of our alumni who have made major contributions to the field of fisheries and wildlife, and who have achieved distinction in a career in natural resource education, research, or management. Please consider nominating someone from among our graduates with at least 20 years of experience in the field. Nominations should describe the highlights of the nominee's professional career and could include a resume. A committee composed of faculty and alumni will review the nominations and select the next year's additions to the Registry. Please send your nominations to Dan Edge by March 1, 2009.

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### ***Coblentz retires (continued from p. 9)***

line with the academic vision of being both scientist and educator. On the one hand, having laid a foundation of expertise with feral mammals on islands, doors were opened and invitations given to help solve such problems on a global basis. I wound up living/working for a collective several years on the California Islands (Santa Catalina, San Clemente, Santa Cruz), the Galapagos, lesser Antilles (St. John, Montserrat, Curacao, Bonaire), Seychelles (Aldabra Atoll), Madagascar and Sri Lanka. Essentially, my career took me to places and allowed me to see things that others (even most professional ecologists) only get to read about. This was the **selfish** part.

The other part of my career that I celebrate was the **selfless** part. I've always believed that the highest calling of a college professor was to be a teacher who could kindle interest, make students think well beyond the classroom, and be available to students as much as they would want. I still hear from former students (even back to the 70's) that my classes were often considered the best/most enjoyable/most valuable of their undergraduate curriculum (recently confirmed by Dan Edge's exit poll of FW students).

To the best of my fading recollection, I also published some papers, won a few awards, was active in faculty governance, and served as an advisor to organizations such as The Royal Society,

Charles Darwin Foundation, Smithsonian Institution, U.S. National Park Service, Office of British Overseas Territories, USAID, Seychelles Islands Foundation, Durrell Institute, etc. In spite of that, what stands out in my mind as a genuine honor and the one I cherish the most, is having the department's graduate teaching assistant award named for me. I think that reflects what I think of as being most important.

Now that I'm retired, I'm finding a lot more time to pursue a number of passions. I spend a lot of time at the lathe producing turned wood art, which then pays for a lot of very serious fishing in warm eastern Pacific waters. I've also gotten back into Lacrosse: I was the first faculty advisor of the OSU Lacrosse club, and played for OSU through 1982. I've now gotten my high school coaching certification and serve as a volunteer assistant coach for Corvallis High School. Oh yeah—and I still help out in the department with guest lectures and research reviews whenever needed.

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### **Markle refuses to go quietly into the night**

Doug insists that he is still not retired (and in fact he is around the building a lot). Still working on his research and refusing to go to committee meetings, so we'll have to catch up with him later. Watch this space!

## Thank you, Donors

The following individuals and organizations generously supported the Department with donations received between July 1, 2007 and June 30, 2008

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## We're Number 1 (and 2)

(I know, it's old news, but I just can't let go of it! [ed.])

A study published in the November 16, 2007 issue of the *Chronicle of Higher Education* reports on an objective ranking of the productivity of faculty in graduate programs at the top research universities in the country. We are proud to say that OSU ranked **#1** in Wildlife Science and **#2** in Fisheries Science, compared to all other Universities in the U.S. The rankings are based on the number of books and journal articles published, the number of times those

are cited by other researchers, the amount of federal grant dollars, and honors and awards.

Other highly ranked Wildlife programs were Texas A&M, Univ. of Minnesota, Univ. of Massachusetts, and Michigan State University. On the Fisheries side, University of Washington was ranked first, followed by OSU, Utah State University, Univ. of Minnesota, and Texas A&M.

## Buy a calendar, support the Club

### Fish and Wildlife Calendar by FW CLUB - \$14

Fantastic photos by current undergrads & lots of monthly information on fish and wildlife viewing, hunting, and fishing. Available in Nash Hall in December or by email order at [fwclub@oregonstate.edu](mailto:fwclub@oregonstate.edu) Orders taken till Jan 15 and calendars shipped the following week.



8 1/2" x 11"

## Three New Scholarship Funds Established

The SFGA is dead. Long live the SFGA! The acronym stands for **Santiam Fish and Game Association**, a non-profit group established in 1929 to manage cabins and boats at Clear Lake, the headwaters of the McKenzie River. After nearly 80 years of operating one of the most peaceful lakeside getaways in the Cascades, the non-profit association is disbanding due to declining membership. There simply aren't enough volunteers to take care of Clear Lake Resort any longer.

However, one of SFGA's last acts will ensure that the group's name lives on. The SFGA is donating \$100,000 from the sale of its Clear Lake property to create a new scholarship fund for fish and wildlife students at Oregon State University. Supporting young people interested in fish and wildlife careers through the Santiam Fish and Game Association Endowed Scholarship is a natural extension of the association's history, said board chairman Dale Wollam of Lebanon.

Three scholarships will be awarded annually—to

an upperclass undergraduate, a graduate student, and to a fish and wildlife public education intern. Priority will be given to students from Linn and Benton counties. Association members hope some of the scholarship winners will choose to help educate "future generations of people who come to the lake," said Tamara Hamilton of Albany, SFGA board secretary.

The Portland firm of Klarquist Sparkman, LLP has established the **Kenneth and Lois Klarquist Scholarship**, which will provide support for students working toward an undergraduate degree in the Department of Fisheries and Wildlife. It is specifically directed toward assisting students in an internship program. Many thanks to the firm for this generous gift.

Additionally, the **McLoughlin Chapter of the NW Steelheaders Scholarship** will provide \$2,000 annually to a graduate student conducting a project related to freshwater salmonid ecology and management.

## Departmental Scholarship Recipients 2007–2008

### Undergraduate

*Noah Strycker*—**Carl and Lenora Bond** Scholarship, \$1,000; for a Junior or Senior with leadership abilities; awarded since 2007.

*Emi Ikeda*—**Roland E. Dimick** Memorial Scholarship, \$3,000; for Sophomores who have been in the Department for at least 3 terms; based on Freshman performance; awarded since 1980.

*Robert Brett*—**Lee Wallace Kuhn** Memorial Scholarship, \$1,000; for Juniors or Seniors emphasizing wildlife; awarded since 2005.

*Nathan Alexander, Jeremiah Leslie, Nick Maslen, Anthony Newbold, and Steven Sands*—**Henry Mastin** Memorial Scholarships, \$1,200 each; for Freshmen entering the Department; based on scholastic achievement; awarded since 1989.

*Keely Lopez and Sarah Yarwood*—**Bob and Phyllis Mace** Watchable Wildlife Scholarships, \$1,500 each; to benefit qualified and needy students working toward an undergraduate degree in the Department; preference to Oregon high school graduates; awarded since 1994.

*Jason Grant*—**Rogue Flyfishers Club** Scholarship, \$1,500; for a Junior or Senior majoring in Fishery Science; awarded since 2004.

*Nick Chambers*—**Michael Mapes** Memorial Scholarship, \$500; given by the Multnomah Anglers and Hunters Club; for a Junior or Senior with fisheries emphasis; awarded since 2005.

*Reed Ozretich*—**Bill Schaffer** Memorial Scholarship, \$800; given by the Multnomah Anglers



and Hunters Club for a Sophomore, Junior, or Senior, based on academic performance and community activities; awarded since 1942.

*Christina Murphy*—**Chan Schenck** Conservation Scholarship, \$800; given by the Multnomah Anglers and Hunters Club; for a Junior or Senior in the Department; awarded since 1942.

*Jasmine Graves and Andrea Norris*—**Vivian Schriver Thompson** Scholarship, \$2,000 each; E.R. Jackman Foundation, to benefit needy wildlife students; restricted to Oregon residents; awarded since 1995.

*Jason Grant and April Lindeman*—**Southern Oregon Flyfishers Club** Scholarship, \$1,500 each; restricted to Juniors and Seniors in the Department; preference to those with field experience; selection based on scholarship and need; awarded since 1995.

*Karl Fairchild*—**William Q. Wick** Memorial Scholarship, \$2,000; to benefit undergraduate students in the Department; preference to Oregon high school graduates; awarded since 1993.

*Kylie Meyer, Amanda Gladics, and Keri Sadler*—**Mike and Kay Brown** Scholarships, \$1,000 each; for undergraduate students with a major in the College of Forestry, Department of Fisheries and Wildlife, or in Natural Resources; awarded since 1998.

*Ben Ramirez and Keely Lopez*—**Cliff & Katie Hamilton** Mentors Scholarship, \$1,500 each; for students with leadership skills working toward a degree that blends their fish and wildlife training with other disciplines; awarded since 1993.

*Robert Brett, Christina Murphy, Connie Ross, and Simmona Robinson*—**Chairman's Leadership Award**, \$500 each; for students who demonstrate outstanding leadership; awarded since 2007.

### Graduate

*Betsy Glenn*—**Coombs-Simpson** Memorial Fellowship, \$600; awarded to a female graduate student with personal and professional qualities that exemplify the role-model characteristics of **Candia Coombs M.S. '79** and **Gay Simpson '76, M.S. '79**, alumnae of the Department. The recipient is nominated by her peers; awarded since 1995.

*Brooke Penaluna and Heidi Vogel*—**Oregon Council Federation of Fly Fishers** Scholarship, \$1,500 each; to graduate students researching native fishes; awarded since 1992.

*Bill Brignon and Seth White*—**Middle Rogue**

**Steelheaders** Scholarships, \$1,000 each; awarded since 2006.

*Ben Clemens*—**Hugo Krueger** Graduate Research Award in Fish Physiology, \$1,500; awarded since 1986.

*David Wiens*—**Ken Munson** Wildlife Scholarship, \$1,000; awarded since 2005.

*Eva Schemmel and Katie Moriarty*—**Thomas G. Scott** Achievement Award, \$2,000 each; for Outstanding M.S. students in the Department; awarded since 1993.

*Alena Pribyl and Allison Evans*—**Thomas G. Scott** Achievement Award, \$2,000 each; for Outstanding Ph.D. students in the Department; awarded since 1993.

*Alison Dauble*—**H. Richard Carlson** Scholarship, \$3,000; awarded to a graduate student working in the area of marine fisheries; awarded since 2000.

*Phil Brown, \$500; Renee Gibb, \$500; Camille Leblanc, \$500; Jose Marin-Jarrin \$500; Alena Pribyl, \$1,000*—**Henry Mastin** Graduate Fund to assist with expenses for research and travel to professional meetings.

*Justin Mills and Shivonne Nesbitt*—**Sunriver Anglers Club** Scholarship, \$2,000 each; for students studying fish ecology or habitat in Eastern Oregon; awarded since 2006.

*Katie Moriarty and Heidi Vogel*—**Chairman's Leadership Award**, \$500 each; for students demonstrating outstanding leadership; a new award this year.

*Brett Hanshew*—**Ted Thorgaard** Student Research Fund, \$500; for a student conducting research in conservation biology; awarded since 2007.

*Matt Anderson \$2,000 and Justin Mills \$1,000*—**Washington County Flyfishers** Scholarship; for students conducting research in freshwater salmonid ecology and management; awarded since 2006.

*Jose Marin-Jarrin*—**Neil Armantrout** Graduate Fellowship, \$2,000; for a student conducting research on wild salmon; a new award this year.

Anne Mini—**David B. and Georgia Leupold Marshall** Wildlife Graduate Scholarship, \$1,000; for a graduate student in wildlife; a new award this year.

*Justin Mills*—**McLoughlin Chapter, Association of Northwest Steelheaders** Graduate Scholarship, \$2,000; for a graduate student studying salmonid ecology; a new award this year.

*Jeff Manning, \$720 and Dan Rosenberg, \$350*—**Thomas G. Scott** Publication Fund.

## Honoring Howard Horton

Howard has been a fixture in the Department since his arrival as a student 55 years ago. He came to OSC from Cal Poly in 1953 with a B.S. degree in Biological Science, after wartime service in the Merchant Marine and 2 years post-war with the Army in Korea. In his graduate work (M.S. '55 and Ph.D. '63) supported by the Oregon Cooperative Wildlife Research Unit, he tackled and solved a significant problem, the factors responsible for delayed mortality of hatchery trout transported in tank trucks. He was appointed an Instructor in Fisheries by Prof. Dimick in 1958, Assistant Professor in 1963, and Professor in 1969. Other assignments at OSU included 2 years as an Assistant Director of the Agricultural Experiment Station, 15 years as Administrator of the Fishery Observer Program (and he wasn't just an administrator—he spent a lot of time shipboard). He was Program Leader for the Extension/Sea Grant Program from 1980 to 1987 and Director of International Fisheries from 1987 to 1989.

During his career Howard has mentored 35 graduate students, 31 M.S and 4 Ph.D. Their research has covered a wide range of topics, and it is clear from their responses that Howard was an outstanding mentor. Howard retired as Professor Emeritus in 1990, but he has never really retired. Soon after “retirement” Howard decided to practice what he had preached in his Commercial Fisheries course. He joined forces with a Newport fisherman, bought an 80-foot trawler, converted it to a troller, and caught dolphin-free albacore tuna in the South Pacific and elsewhere. Talk about adventure! Next time you see Howard, ask him about that.

Howard has been active in a number of professional societies and has provided leadership in several. He was the founding President (1963–1964)



Howard at work, circa 1970 (“Honest, boss, it was research. How else are you supposed to get otoliths from steelhead?”) Just ask John McKern '68, M.S. '71 (who supplied the photo) Don Ziegler M.S.'71 (deceased) in background

of the Oregon Chapter of the American Fisheries Society, President (1979) of Pacific Fishery Biologists, and District Director and Regional Director of the American Institute of Fishery Research Biologists (1983–1988).

Howard has received numerous awards for his accomplishments, including the R.M. Wade Award for Excellence in Teaching in the College of Agriculture (1970–1971), Award of Professional Excellence in Published Research from the American Agricultural Economics Association (1973), an Award of Merit (1979) and Award for Fishery Worker of the Year from the Oregon Chapter of AFS (1999), and the Golden Beaver Award for Scientific Achievement from the Oregon Division of the Izaak Walton League of America (1993). In addition his name is on the Registry of Distinguished Graduates of our Department.

In 1982 Howard embarked on another ambitious assignment, Court Technical Advisor to the U.S. District Court for Oregon. This

work initially involved the case of *U.S. v. Oregon*, adjudicating the management of treaty rights in Columbia River salmon fisheries. It has expanded in recent years to include issues related to salmon recovery. He has also advised the court in the case of *U.S. v. Washington*. In this role Howard has worked with several federal judges, advising them on fisheries issues under their consideration. He continues this work today with Judges James Redden, Garr King, and Ricardo Martinez. His advice is greatly valued, as you will note from communications sent by two of the judges for whom Howard has provided counsel on technical fisheries matters. He also continues to serve as Oregon's representative on the North Pacific Research Board headquartered in Anchorage. The Board is charged with evaluating and funding proposals for research on the fisheries or marine ecosystems in the North Pacific Ocean, Bering Sea, and Arctic Ocean.

**(here and on following pages are letters from alumni honoring and reminiscing with Howard)**

Dr. Howard Horton is worthy of great honor, but is not the ceremony premature? My mental image of Howard remains that of my youthful, passionate, enthusiastic, supportive, and challenging major professor of some 40 years ago.

Assuming some risk, he accepted me as a graduate student who had little formal training in fisheries. Moreover, he allowed me to be a graduate assistant on his USFWS-sponsored study on select food fishes of Yaquina Bay. We initially worked from the old "Oyster Lab" near Yaquina, and later moved to the Hatfield Marine Science Center. A portion of the study was a tag-and-recapture effort, with the main collection gear being a small otter trawl. To make sure we sampled a nice cross-section of the biomass present, my master guide also tested my proficiency with rod and reel, clam shovel, and a boiling pot for crab. A short haul with the trawl would produce a large volume of fish of many species. Some were tagged and all were quickly returned to the estuary. Sadly, I understand the same effort would produce a diminished quantity today.

On the academic side, Howard proposed a challenging agenda of classes, primarily in fisheries and oceanography. Although nearly all were stimulating, and necessary for my education, a few stand out as being particularly beneficial in my career. A good example of such a memorable class would be Howard's extensive historical review of commercial fisheries in the United States. The class served as an important foundation for my later work in fisheries science, commercial fishing, and fish processing. I recollect many of his lectures to this day.

In conclusion, the exposure and instruction I received while enrolled in the Department of Fisheries and Wildlife greatly influenced my life. I had the good fortune to learn from many interesting and gifted educators during my studies, but I was particularly fortunate in having Dr. Howard Horton as my counselor and major professor. Hopefully this short note will help convey my appreciation for all that he has done for me. **Alan Beardsley Ph.D. '69**

Congratulations Howard, on your long and productive career. You really are a bit of a marvel, still being active when many of us your junior are long retired from the trenches of fisheries management. I was an undergrad in Fisheries when you received your M.S. Jim Hall, writing about you in the 2007 News and Views, asked for "comments on how he influenced your life and career". Well Howard, I have to say

honestly that your main influence on me was to fish steelhead more and to take up archery hunting for deer in McDonald Forest with **Carl Bond '47, M.S.48, Deb Davis '55, and Bill Griffiths '56**. I still recall your arrowing a doe that we searched for over most of the day before we found it. I have never learned whether or not you stayed with bow hunting. However, I do believe that you have maintained your dedication to angling. Again as an undergrad I recall virtually daily all through each winter hearing you, Carl, **Andy Landforce '42**, Max Katz, and others talking steelheading—successes of the previous weekend or plans for the next. Strange, I seldom ever heard of any failures! My sincere best regards, **Dave Narver '56**

Howard Horton was my advisor from 1965 and my major professor from 1968 to 1971. I conducted my Master's research on the use of steelhead otoliths for age, race, and stock analysis. Howard was always keen to help me, especially with my research. After gaining my B.S. in Wildlife Science and M.S. in Fisheries Science, I got a job with the U.S. Army Corps of Engineers in Walla Walla, Washington. Fellow graduate students thought I was nuts, but I had met Ivan Donaldson during our field trip to Bonneville Dam, and was impressed with his professionalism and knowledge. I always felt that if we could fix the problems at the dams, it would be best to work on them from inside the Corps. I kept in touch with Howard over the 30 years I worked for the Corps, and I don't think a year went past when we did not exchange Christmas cards.

Since retiring, I have been a consultant, still dealing with Columbia River fishery issues. Howard's position as a technical advisor to the Federal Judges in whose courts I have been on the Corps' side have increased the distance between us, but I will always remember fondly my years of association with him at OSU. **John McKern '68, M.S. '71**

Dear Howard, I was extremely pleased when you accepted me as a Graduate Research Assistant to study the near-shore reef fishes off the central Oregon coast. We worked on the tagging study of these fishes and ultimately tagged around 9,000 reef fish. It was an incredible experience that I will remember for the rest of my life. The first time I saw a 30-foot wave, I happened to be on our research vessel coming into the harbor at Depoe Bay. I had never seen waves that big and I did manage to get the Tooshqua into the harbor OK, though I was white

as a ghost afterwards.

What I have really appreciated is your true friendship over the years, even when events in my life were very difficult. You have always been a trusted and wonderful friend. You have been truly dedicated to the development of the natural fisheries of the region. You do not compromise your ethics or integrity in whatever area you get involved with. I have great respect for those qualities in a leader in the field of fisheries. Thanks so much for your leadership and friendship over the years!

And yes I still hunt, fish, and train Springer Spaniels, but I have never experienced anything like that steelhead fishing on the Siletz and that striped bass night fishing in Coos Bay and the Umpqua, the huge yelloweye and lingcod we tagged, and the massive schools of salmon that once roamed the near-shore coast. What an experience. Thanks!  
Sincerely, **Glenn DeMott M.S. '83**

I wanted to mention a few things that Dr. Howard Horton did that have impacted my career and my life since being one of his graduate students more than 25 years ago. I graduated from OSU with my M.S. in Fisheries in 1983. I have worked for resource agencies and private engineering firms, and for the last 10 years have been a small business owner working in mostly water-related environmental consulting. The education I received at OSU and with Howard was instrumental in the career path I took. I am sure that he has had a similar impact on the life of each of his graduate students.

My most vivid recollection of Howard was the first time I met him. I was trying to find a sponsor for my graduate studies, and I ended up visiting him in his office to ask if he would consider taking me on as a graduate student. He got up from his desk, walked out into the hallway, and pulled an American Fisheries Society (AFS) membership application from a posting on the wall near his door. He told me that any graduate student of his needed to join AFS to demonstrate their seriousness in becoming a fisheries professional. I remember thinking at the time that I had never heard of the group, but thought I had better send in my application anyway. I joined then (Howard even mailed in the form for me) and I have been a member ever since. I have found the organization wonderful for meeting a variety of fisheries professionals, and have since served on the Alaska Chapter's Executive Committee as Secretary and now Treasurer. It is a wonderful organization and I have Howard to thank for introducing me to this

professional group.

My second most vivid memory of Howard was not so much of him, but what he handed me. When I got back my first writing assignment from him in one of the classes I was taking, all I remember seeing was red ink that literally covered every square inch (margins included) of my "final" typed document. I was incredulous, since I had always considered myself a decent writer. I think I muttered something under my breath like "what does writing have to do with fisheries?" He immediately looked at me, grinned from ear to ear, and said "Everything!"

He told me that someday when I am a supervisor, I will find that I'll have the time to show my staff how to take an otolith or collect a water sample, or how to measure a fish, but I will not have the time to help someone with their writing skills. He went on to say that if I want to be one of the job candidates that gets hired, and then retained, I had better get my writing skills polished.

Since that time, there have been multiple occasions in my professional career when I had to make staffing decisions on which individuals to retain and which to let go. In each case, the ones I ultimately decided to keep and the ones that I let go were based on their writing ability. When I had their exit interview, I would relay what Howard had said to me and encourage them to enroll in a technical writing course to get their skills up to par so that, at their next position, they would have a better chance at success. In each case, that individual said they appreciated the candid advice and said they wished they had a teacher like Howard.

I think that Howard has had an uncanny understanding of what skills a fisheries biologist needs to make their way in the working world. I feel so fortunate to have had Howard as my major professor. Thank you for all your efforts in honoring this very special man. I will also be mailing an annual contribution to the Howard Horton Scholarship.

**Lee Ann Gardner M.S. '83**

Over the years I have given a great deal of thought to Howard Horton's influence on my career. I was an undergraduate student of Howard's in the early 1960s. At that time my understanding of commercial and recreational fisheries management was limited. Howard taught both subjects and made them very interesting. Howard's teaching style and techniques influenced my own teaching methods at Mt. Hood Community College for 26 years.

Howard's greatest contribution to my career

however, was serving as my major professor for my master's degree. I had one extra term to complete in the fall of 1963 for my bachelor's degree and wasn't too sure where I was headed after graduation.

Howard and I had some in-depth discussions and he suggested that I think about doing graduate work in fish genetics. Genetics had always been an interest of mine, and I thought I'd like to pursue that idea at some time. We also talked about an interest of his, which was the freezing of fish sperm in a viable state, similar to what was done with cattle artificial insemination, but unsuccessful with fish to this point. So, during the early part of 1964 I took classes and with Howard's direction we wrote and submitted a grant proposal to develop methods for the cryopreservation of viable fish sperm.

I also made a decision about my military obligation that spring. At that time there was no GI Bill, thus no way to help pay for my graduate studies. And active duty time of 6 months and weekends with the U.S. Army Reserves would be a way to support my education. Possibly at the end of my active duty time the fish sperm project would be funded. Fortunately, the project was funded and my part was completed in the next few years.

I have always been better at mathematics than writing. In those days, I don't believe we had electronic calculators or word processors. Everything was typewritten and usually had carbons with it. Moving word strings or correcting typos was laborious. What I remember most about Howard was his patience and help with my writing skills. My first attempt at my thesis was word, etc, etc. Howard took a lot of his time to explain each of his criticisms and it was a huge help. I believe I learned more about technical writing from Howard than from any classes I ever took.

Howard has remained active as a professional fisheries biologist even after retirement. His service is still sought by many other professionals. Fortunately, I do see Howard several times a year at Oregon State wrestling matches where he is president of the booster club. I am delighted that this issue of News and Views is dedicated to Howard, and I am proud to be one of his graduate students. He has my enduring gratitude for his direction in my career and life. **Jim Graybill '64, M.S. '68**

I met Howard Horton at the suggestion of Jim Hall. After a junior seminar in 1991, where I presented a brief review of the crayfish fishery in Lake Billy Chinook, Jim Hall suggested I talk to Howard

regarding a potential master's project. My first experience with Howard was in his basement office of Nash Hall (he has since moved to the outer orbit of Weniger Hall). Howard's first question was, "So you're interested in crayfish?" Then his questions got more specific: Where did you grow up? What do you know about crayfish? How are your grades? A master's project is a real commitment, you know? After I convinced him that I really was interested in crayfish and I would work hard in the field and the classroom, we spent the next hour talking about everything but crayfish; I think it was Howard's way of continuing the interview without my knowing it. It wasn't until the end of the meeting that Howard said, "OK then, we need to get the ball rolling and start looking for funding."

After we found funding and got the project in the field, I remember making numerous trips to his office so he could keep me on track. I would usually come back with a long list of "problems." Howard would usually solve my problems within about 30 minutes and I would be ready for a couple more weeks of fieldwork. We probably spent most of our time talking about hunting, fishing, his past graduate students and their projects, and his experiences as a court advisor; all of this was much more interesting to me.

Recently, I was contemplating a career redirection, and the first person I looked to for advice was Howard. I explained to him the situation and my fear of stepping out of my comfortable routine. Howard told me that people need new challenges every now and then to keep them interested and stimulated. He talked about the new opportunities that could open up if I was willing to challenge myself. As I was walking out of his office, he gave me one last piece of advice, "nothing ventured...nothing gained." I guess it was at that moment that I decided what I was going to do. I then quit a great job, took a new one in an unfamiliar location, and now find myself back in graduate school—sure hope you're right Howard!

Howard has been a great role model for students and working professionals for many years. I consider myself lucky to have had Howard Horton as a major professor and to have been able to continue having him as a mentor and a friend.

**Scott Lewis '93, M.S. '97, now a Ph.D. student**

I first met Howard Horton in early summer of the year I received my bachelor's degree. I'd driven to Corvallis in search of a graduate program and went door-to-door looking for a likely major professor. Howard welcomed me into his office and proceeded



to dash my hopes by spending my allotted 30 minutes berating the school and program from which I had just graduated. He did admit, however, that he had graduated from the same institution! I left Corvallis figuring that I would not hear from Dr. Horton any time soon. Imagine my surprise when he called me a week later with an offer of a Master's project as part of a large study on resident fish in the John Day Pool of the Columbia River. Even though I wanted a project dealing with fish physiology, I accepted the position and figured I could find some physiology in it somewhere.

To say that Howard was a hands-off supervisor might be an understatement. After trying to divine where to find a physiology project in the Columbia River, I admitted to Howard that I just couldn't find such a project and had wasted 4 months, to which Howard responded: "Oh, I knew all along there wasn't a physiology project there, but I thought it would be good for you to figure it out for yourself." Howard then suggested that I do some basic fish biology on walleye instead. I agreed to this less-than-desirable compromise and headed off to eastern Oregon (Umatilla) to start doing field work.

But Howard's influence didn't stop there—it wasn't until quite awhile later that I discovered what a gem he is. Howard was just one of three co-PIs with grad students on the John Day project, which was centered out of Umatilla, OR. As it was a long drive from Corvallis, it wasn't until toward the end of the first year of work that the co-PIs came to the field station. They came at different times and Howard was the last. When each of the first two co-PIs (who shall go unnamed to protect the not-so-innocent!) showed up, they immediately drank some of our beer and started telling us that we were not really doing things quite right and they wanted us to do things this "other way". Of course we had tried the "other way" in the first week and it wasn't going to work. When Howard showed up I knew immediately he was the pick of the PI-litter—he came with a case of beer and asked "What can I do to help"!!

I did begrudgingly follow Howard's advice to study walleye and, quite honestly, it was the best thing I could have done. It prepared me to become a fish biologist with a broad-based understanding of the vast, complex biological and political issues in the Columbia River Basin. I did finally get a physiology project, but because of Howard's willingness to take a chance with a grad student from his alma mater, I consider myself to be a fish biologist first. Thanks Howard! **Alec G. Maule M.S. '83, Ph.D. '89**

I was one of Howard's first graduate students and still look on that time as a great experience. Graduate level classes with Howard were always demanding. His quick smile and laugh put everyone at ease but Howard let each class member know that he expected their best work. Graduate research, under Howard's supervision, was always challenging and interesting. Most of my research was conducted at the old Yaquina Bay Research Facility at Newport, Oregon. As a result, Howard supervised from Corvallis and made trips to Newport when I needed help solving a particular problem. Dr. Wilbur Breese provided on-site assistance when requested.

One of the many humorous events that occurred involved a trip Howard made to Alaska to try for the famous Kenai Kings. As luck would have it, the fish and weather did not cooperate and Howard came back minus salmon. While he was gone, **Ted Will '62, M.S.'65** and I figured out how to catch early Chinook feeding just inside the bar at Newport. When Howard came over to tell us about his trip, we opened the door to the water storage room and showed him four freshly caught Chinook ranging from 25 to 35 pounds. The look on Howard's face was priceless. He immediately requested that we show him how and where we caught our fish. Thankfully he did not chastise us for taking time to fish.

Howard always treated me with respect while urging me to do my best. My positive experiences with him led me into a 35-year career in water quality work with the Federal Government. Thanks for the opportunity to provide my memories about a mentor and friend. **Loys Parrish '63, M.S. '66**

Dear Howard, I understand that you will be feted in the next issue of *News and Views* for your long and continuing career. Does that mean that you aren't retiring anytime soon? Just when will you finally wear out and give it up? I expect the answer is "never." You have always been one to have multiple unfinished projects at the office and around home. Here's to you, Howard, for your unflagging energy and dedication. I wish that I had a fraction of that energy.

I recall my days as a naive undergraduate student, although not very clearly anymore. I remember memorizing as much information as my mind could handle and then regurgitating that information on exam day. I was pretty good at this, but I remember very little from that rote process. You were one of the few professors who stressed writing skills. Thank you for doing this. Effective written communication has been important in all of my experiences.

For some reason, I continue to remember one particular session of your Commercial Fisheries class. You invited Barry Fisher to speak to the class. This was my first but not last experience with Barry, and my initial exposure to the real world of marine fishery management. Of course, Barry shocked us with bellicose statements about the poor job that biologists were doing. With eyes wide open and mouths agape, we were shocked to hear this. Could this be true? Our little protected academic world was shattered on that day.

You and Jack Donaldson were instrumental in getting me to seriously consider graduate school, and you were willing to take me on as a Research Assistant. In graduate school you provided needed guidance on the scientific method. You worked hard with me to turn my M.S. thesis into a paper that got published. While I did not pursue a Ph.D. or work as a research biologist, the graduate school experience

was important training for me. It has continued to help me understand the benefits and limitations of scientific information as input into policy decisions. And the graduate degree certainly opened some employment possibilities that would not have been offered otherwise. In that regard, I thank you for your instrumental role in helping me get that first full-time job with the Pacific States Marine Fisheries Commission.

You know the rest of my career history except for the last stop; at least I hope it's the last one. Currently, I am heading up a nonprofit group trying to maintain and restore fish and wildlife habitat and drinking water quality in the McKenzie River watershed. I am having fun with this. I can take my drift boat out on the river and say, almost with a straight face, that I am working! The best to you, Howard, in whatever you do.

**Larry Six '73, M.S. '76**

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**Here and following are notes related to Howard's work as an advisor to the Federal District Courts**

Dr. Horton was the choice for court expert by all concerned in the case of *U.S. v. Oregon*. That case involved all environmental issues regarding the wild salmon runs on the Columbia River system, and the tribal treaty rights of the adjacent reservations. When I received the case, I was introduced to Howard, and we have had a fruitful association ever since. He carefully educated me on the salmon and their interplay with the environment, and he did it in a manner that was clear of any indication of his own opinion on the outcome of court rulings. I am sure there were times he would have liked to comment on a given decision, but he stayed pure to his task of enlightenment rather than decision making. Court experts are seldom used, but where the issues are as involved as in the "fish case", such an expert is invaluable. Howard Horton will long serve as the prime example of just how that should be done.

When we weren't talking about the biology of the salmon, Dr. Horton and I often traded stories about our own fishing and hunting experiences. I always found him to be knowledgeable and just good company. I learned a lot from him—such as the time he taught me the correct way to cook fresh crab on the Nestucca River. It is always good to see him when he has a chance to stop in during one of his trips to the courthouse.

**Judge Malcolm Marsh**

Howard Horton serves as my technical advisor in the ongoing Columbia River Basin Salmon recovery litigation. Dr. Horton has acted in the same capacity in related cases since 1982, with Judges Craig, Marsh, and King. He is an expert in this area with solid knowledge of the Columbia River Basin, its fish, and rivers. His advice is tempered by his respect for the many experts who offer opinions and recommend solutions to the complex issues. Howard's ability to summarize and explain biological data has facilitated my education on the scientific issues before the court. He has the ability to identify the analytical strengths and weaknesses of scientific data and the opinions and conclusions drawn from that data. He speaks fish to law.

Of nearly equal importance, his relentless cheer, endless store of bad jokes, and vast collection of obviously exaggerated fishing stories have made it a pleasure to work with him.

**Judge James G. Redden**

**Cindy LeFleur '80** is Columbia River Policy Coordinator for the Washington Department of Fish and Wildlife. She has worked most of her career with the Technical Advisory Committee (TAC), and has had ample opportunity to see Howard at work. The Columbia River TAC is composed of state, tribal, and federal representatives. This group provides harvest management direction as part of the Columbia River Fish Management Plan. Cindy graciously volun-

teered to collect items about Howard's connection to folks in this group, to which he also serves as advisor. They follow: [ed. note: Cindy also sent a lot of photos, which I would be happy to email to anyone]

Howard has been the Court Technical Advisor for the *U.S. v. Oregon* court case since June 22, 1982. He has outlasted a couple of Federal Judges in the case. He has been a fixture in the negotiations of numerous management agreements between the *U.S. v. Oregon* parties and has participated with TAC as they have assisted in the management of Columbia River fisheries longer than any current TAC members have served (as well as longer than some current TAC member's professional careers). He clearly knows more about the *U.S. v. Oregon* court case than any other person (attorneys included). He probably knows more about the management of Columbia River fisheries than any other single person. Often Howard simply observes our TAC meetings. He sometimes will sit quietly with just a hint of a smile on his face as we struggle through some complicated fishery question. It can look like he already knows the answer but he wants us to learn, so he makes us keep working until we get it figured out. But when he does provide input, his knowledge and wisdom are unmatched. I have often wondered what his conversations with the Federal Judges are like. **Stuart Ellis** – Columbia River Intertribal Fish Commission.

Over the years, we have been at many of the same meetings as Howard and shared many hunting, fishing and family stories (daughters in both families love to hunt and fish). We wish Howard and his wife many happy days traveling, hunting and fishing in the coming years. **Les and Frances Clark** – Northwest Gillnetters Association.

I served as TAC chair from 1996 to 1999 and recall Howard's great humor and excellent advice. He was always fun to have at meetings, especially those when we had a picnic and he would bring the Hermiston melons or some other treat. Thank you OSU for compiling this well-deserved tribute to Howard, who has been such a well-respected and well-loved scientist, mentor, colleague, and friend to so many of us. **Bill Bosch** – Yakama Nation Fisheries.

I didn't know Howard that well because of his quiet and easy demeanor, but then Howard went fishing with me! Put a fishing pole in Howard's hand he becomes super Howard the fish-catching machine. Howard has shown others how to fish on more than

one occasion, putting his co-workers in awe of his fish-catching ability!! From a Husky to an Oregon State Beaver I tip my hat and net to you Howard. **Butch Smith** – CoHo Charters.

I have worked with Howard for most of my career at WDFW, being involved with the *U.S. v Oregon* Technical Advisory Committee (TAC). Howard would often attend the many meetings that TAC would have over the course of the year. Usually he was one of the first ones there and would more often than not, go out and get doughnuts for the rest of us. He always had some story or tale to tell before the meetings got started—usually about a hunting or fishing trip or some exotic vacation he had taken. The TAC committee started renting a charter boat to fish the ocean or Buoy 10 in the early fall of 2002. Howard was always ready for that adventure. **Cindy LeFleur '80** – Washington Department of Fish and Wildlife.

I remember Howard since I was an undergraduate student at OSU in 1981–1983. My brother was getting a Master's/Ph.D. at that same time at OSU, and when I met Howard at my first TAC meeting in 2000 I was not sure if he remembered me or if he thought I was my brother Reynaldo. But that did not stop me from eating some of the doughnuts he had brought to the meeting, as he often does. Since then I have gotten to know him not only as a role model, but as a person sharing stories about hunting, fishing, boats, dogs, his trips to Chile. and many more. My son (Miguel, who accompanied us on a couple of Buoy 10/ocean fishing trips) and I watched his fishing technique carefully, but could not match his ability to catch fish, no matter what. Howard always has the most, the biggest, or both. I think he once told me his secret, but I forgot. I often try sitting next to him at an *U.S. v. Oregon* Plenary or TAC meeting. I count on him to keep me out of trouble and well informed on current events. Howard is a real pleasure to work and play with. **Enrique Patiño '83** – Sustainable Fisheries, NOAA Fisheries.

I worked with TAC and Howard for several years, representing both WDFW and ODFW. TAC was a unique and rewarding group to work with because, despite all the varying viewpoints, the job of modeling and analyzing fisheries always got done, and people went fishing. Many aspects of the *U.S. v. Oregon* process were much more drawn out, and it was nice to have that feeling of accomplishment when something is completed that we got through TAC and the

Compact. Howard was always there, usually sitting quietly, letting the TAC members struggle with technical details, interpretation of directions, and keeping the inevitable policy considerations at bay. He was very good at letting TAC learn the hard lessons on their own, sometimes repeatedly, without trying to control the process. His advice came at the right time, when people were ready to hear it and to listen to it. It was always positive and instructive and presented without bias. Howard was a real pleasure to work with. I also enjoyed hunting turkey vicariously through Howard. **Chuck Tracy** – Pacific Fishery Management Council.

Howard continues to be an inspiring role model to all of us “young” fish biologists working in the Columbia Basin. I’m not sure which I admire most: his fishing skills, wood chopping, or crossword puzzles? Or maybe his South Seas boating and fishing adventures, or his South American vacations? Anyway, I hope I can keep going at least half of his speed when I grow up. Cheers to Howard – **Kathryn Kostow** – Oregon Department of Fish and Wildlife.

I have known Dr. Horton for only a few years,

mainly through my work on the TAC and with the Columbia River Compact. Howard always made me feel welcome and gave me words of encouragement as I tried to wrap my head around all the complexities of Columbia River fisheries management. I have enjoyed our field trips and look forward to many more. **Robin Ehlke** – Washington Department of Fish and Wildlife.

Although I do not work directly with Dr. Horton (I work on sturgeon), I have known him over my years here at CRITFC and have enjoyed his wisdom and humor on the TAC “ocean sampling” trips. **Blaine Parker** – Columbia River Intertribal Fish Commission.

My first exposure to Howard was as a student at OSU’s Hatfield Marine Science Center in the winter of 1985-86. I fortunately enrolled in Howard’s Invertebrate Fisheries course. The field trips to catch crab and clams were a blast, but I was most amazed with Howard’s organization. I was so impressed with his color-coordinated crayfish and crab traps. Everything was in perfect condition and ready to go...just like Howard! **John North ‘86** – Oregon Department of Fish and Wildlife.



### How many do you recognize?

Annual Staff & Unit Grad Student Party in **Hank Schneider’s ‘41** basement, March 30, 1954. (as usual, Horton is in the middle of it). Thanks to photographer **Chris Nelson M.S. ‘55** for the photo.

## More Kudos

### **OSU F&W cleans up at the 2008 Western Division American Fisheries Society meeting!**

**Hiram Li** received the 2008 WDAFS Award of Excellence. This is the most prestigious award offered by the Western Division, and it is intended to recognize sustained professional excellence. It is given annually to an AFS member who has demonstrated outstanding achievement and exceptional competence in fishery resource applications through monumental works, new methodologies, or multiple successful contributions that benefit our resources and profession. Successful nominees have usually excelled in research or management programs at the regional, national, or international levels. Other examples include fresh, innovative approaches to improving our understanding of aquatic resources, and imaginative and successful programs in education at any level of teaching. **Hiram covers it all!** Two of our other faculty members, **Jim Hall** and **Carl Schreck**, and several of our alumni have also received this prestigious award, including **Pete Bisson M.S. '69, Ph.D. '75; Dave Buchanan '67, M.S. '70; Jim Martin '69, M.S. '78; and Jack Williams Ph.D. '81.**

#### **2008 Best Student Paper**

**Ben Clemens**, Consequences of summertime thermal regimes on reproductive maturation of adult Pacific lamprey, *Entosphenus tridentatus*: Plasticity or pre-programmed synchronization in maturation timing?

#### **2008 Best Student Paper runner-up**

**Bill Brignon** Ecological interactions between juvenile hatchery and wild salmonids in Eagle Creek and North Fork Eagle Creek, Oregon.

#### **2008 Best Student Poster**

**Alena Pribyl**, Got gas? Try recompression!

#### **2008 Scholarship Winner: Shivonne Nesbit**

(OSU captured all the student awards at the Western Division meeting, which includes 13 western states and British Columbia)

### **OSU authors win award for best paper published in the Transactions of the American Fisheries Society for 2007.**

Whittier, T.R., R.M. Hughes, G. A. Lomnický, and D.V. Peck. 2007. Fish and amphibian tolerance values and an assemblage tolerance index for streams and rivers in the Western USA. *Transactions of the American Fisheries Society* 136:254-271.

**Whittier and Hughes, Ph.D. '79** are faculty

members in Fisheries and Wildlife. **Lomnický** is a graduate **M.S. '89, Ph.D. '96.**

**Scott Baker**, Associate Director of the Marine Mammal Institute and Associate Professor of Wildlife Ecology, was recently appointed Editor in Chief of the Journal of Heredity. His wife Anjanette is Managing Editor, and the headquarters of this 100-year-old journal have recently moved to the Hatfield Marine Science Center. From 1994 to 2007 Scott served as New Zealand Delegate to the Scientific Committee of the International Whaling Commission. Scott made news earlier this year with his work in DNA fingerprinting of whale meat sold in shops in Japan. Dubbed "CSI: Oceans", they discovered that the meat came from more fin whales than Japan had acknowledged killing.

**Tracey Johnson**, a Ph.D. candidate in Wildlife Science, received a \$4,000 scholarship from The Garden Club of America—The Frances M. Peacock Scholarship for Native Bird Habitat.

**Camille Leblanc**, Ph.D. student in Fisheries Science, won the Gerry FitzGerald Award for the Best Student Poster Paper at the 2008 EEEF meeting (Ecology, Ethology & Evolution of Fishes) held at Boston University (30 June–3 July 2008). This is the second award she has won for Poster Papers—she won a comparable award at the International Charr Symposium in Iceland in 2006.

### **EPA Awards Gold Medal to Dr. Robert T. Lackey**

The U.S. Environmental Protection Agency has presented their highest award to Oregon State University professor **Dr. Robert T. Lackey**, a senior fisheries biologist at EPA's research laboratory in Corvallis (and courtesy Professor of Fisheries). He was cited for his scientific contribution in organizing the Salmon 2100 Project. The Gold Medal for Exceptional Service is EPA's highest award. It is given on a highly selective basis for distinguished service of major significance to environmental improvement and to public service.

### **Jack Helle receives Distinguished Career Award**

**Dr. Jack Helle Ph.D. '80**, of the Alaska Fisheries Science Center's Auke Bay Laboratories was awarded NOAA's Distinguished Career Award for 47 years of pioneering scientific accomplishment. It was particularly fitting that **Dr. George Y. Harry, Jr. '40** was present at the ceremony when Jack received his award. George, who was founding director of the Laboratory, hired Jack as a fishery research biologist in 1960 and helped to launch his career.



Department of Fisheries and Wildlife  
Oregon State University  
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