

Summer 2004

**Message from the Department Head:
What are your plans?**



As the Department of Fisheries and Wildlife began to make plans for our 70-year anniversary celebration scheduled for **15-17 July 2005**, several strategic planning endeavors were underway at OSU. For the past two years OSU has been engaged in a planning effort that culmi-

nated in *A Strategic Plan for the 21st Century* (<http://oregonstate.edu/leadership/strategicplan/>) released in February 2004. According to OSU's plan, the university will prioritize academic resources and investments in five thematic areas. Your Department will be a major contributor to two of these thematic areas: (1) Understanding the origin, dynamics, and sustainability of the Earth and its resources; and (2) Managing natural resources that contribute to Oregon's quality of life, and growing and sustaining natural resources-based industries.

OSU's plan contains three primary goals and outlines several initiatives under each. For example, OSU will internally fund six proposals for integrative programs—faculty in Fisheries and Wildlife are members of three teams that were invited to submit proposals to this initiative. Another initiative is to develop targeted programs at OSU Cascades in Bend and at the Hatfield Marine Science Center. Fisheries and Wildlife's first faculty member at OSU Cascades will be **Dr. Jennifer Sorensen**, who will begin her appointment in January 2005. Look for a feature article on Jennifer in the next *News & Views*. A third example is an initiative to align OSU's Federal and State Agendas for maximum relevance and

funding opportunities. An example of a project under this initiative is the ODFW-OSU research and education partnership at the Hatchery Research Center currently being constructed at the Fall Creek Hatchery site near Alsea. The goal of this exciting partnership is to conduct research into factors causing possible differences between hatchery and wild fish and to develop management strategies that will enable hatcheries to contribute to restoration of wild stocks, as well as to sport and commercial harvests. We hope to be able to hire a Director for the Hatchery Research Center in the coming year. Our 70th Anniversary Celebration will include a tour of the center, which is scheduled to open July 1, 2005. Look for a feature article on the Center in the next *News & Views*.

OSU's planning effort resulted in similar planning efforts for colleges, academic departments, centers, and

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Extension. Faculty in Fisheries and Wildlife have been involved in several of these efforts. The College of Agricultural Sciences' strategic plan (http://agsci.oregonstate.edu/admin/cas_sp.pdf) was completed in July 2004. The college's plan has two primary aims and 13 goals. One aim is to build quality programs and relevance in four emphasis areas. Fisheries and Wildlife will play an instrumental role in two of these emphasis areas: (1) apply scholarship and technology to enhance the capacity of managed landscapes and their biota to optimize the production of ecosystem services; and (2) advance understanding and effective management of water, watersheds, and other water-related resources. Goal seven of the college's plan, to actively seek strategic partnerships with other colleges in the University, and with organizations and institutions outside OSU, is parallel to the OSU partnerships initiative.

We completed the Department's strategic plan (http://fw.oregonstate.edu/pdfs/strategicplan_6_04.pdf) in late June of this year. We identified six goals as priorities for the Department; each goal has a series of strategies and expected outcomes. The Department's goals are generally characterized as: (1) curriculum enhancement, (2) increasing support, (3) diversity, (4) integration, (5) extended education and continuing education, and (6) emphasis areas for near-term (3–5 years) research, teaching and extended education investment. Our plan also includes a staffing plan for the next four academic years and a long-term development plan.

These planning efforts have many parallel components. For example, increasing diversity is a goal, strategy, or initiative at all levels of planning. Your department will initiate a major effort this year to seek and train students of color in order to increase the diversity within natural resources agencies. Increasing the amount and diversity of external funding sources is another common component. Finally, stakeholder input is a common component of these planning efforts. Our alums are a major stakeholder for the Department and with this newsletter, I invite you to send me comments on your Department's strategic plan.

I invite you to review each of these plans and I would very much appreciate any comments you might have on the Department's plan. As you reflect on these plans, I hope you will remember to mark your calendar for July 15–17, 2005 and plan to participate in the Department's 70-year Anniversary Celebration. Come for a visit and see

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

Editor—Jim Hall

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.

what OSU, the College of Agricultural Sciences, and your Department have become.

Finally, I'd like to tell you how proud we are of the student Fisheries and Wildlife Club. They are really making a name for themselves. See the article on page 4 for more details on their accomplishments and activities.

Dan Edge

The Department is 70!!

Mark Your Calendars now. The Department is celebrating 70 years of developing the best biologists in the world with a 'decade' celebration on July 15–17, 2005 in Corvallis. We'll tour the new Fall Creek Hatchery Research Center, socialize at the Reser Stadium Endzone Skybox, hear presentations by alumni who are directing fish and wildlife programs/research throughout the U.S., enjoy great food with local wine, beer, and barbeque and, as always, share lots and lots of stories around the campfire. Saturday night will include our traditional auction, which is about memories as much as anything (see article below). We plan to honor Carl and Lenora Bond at the reunion and look forward to them joining us. We will center our activities at the Benton County Fairgrounds where camping and camper hook-ups will be available. Motel lodging will be available at the new Hilton Garden Inn on campus.

Auctioning memories and more...

The Department's auction is the most personal auction you'll ever participate in. Remember the 60th Reunion—several participants purchased fishing gear from Jay Long's unique collection and someone even got his prized .257 Roberts rifle. Please consider opening your cupboards and hearts to share your personal favorites. Alumni love to bid on fishing or hunting trips to your special place, a weekend at your vacation home or on your sailboat, fine beverages with a note about when you first enjoyed it, wildlife-themed home accessories or art, even outdoor clothing and jewelry. Proceeds will support internships for undergraduates, scholarships for minority students, and travel for graduate students. Donations are tax-deductible. Contact any of the following to contribute: Nancy MacHugh (machughn@comcast.net), Jim Martin (jtmartin@purefishing.com), Kay Brown (kilchisriver@oregoncoast.com), Todd Bastian (todd.bastian@oregonstate.edu)

Editor's Note

You will note that we have returned to our old one-color format with this issue. Just part of the continuing call from administrators (not Dan) to do more with less. Sorry about that.

You will also note that it is more than a stretch to call this the "Summer" issue. Sadly, my wife of 48 years died in February of pancreatic cancer, and my life has been a mess since. I am quite far behind in almost every way, but hope to be back on schedule with the next issue.

Meet the New Faculty

Sandy DeBano



Sandy's Story

I spent the majority of my childhood in Glendora, California, a small town in the suburbs of Los Angeles. Thanks to my parents, I managed to develop a strong appreciation for the outdoors even in the midst of suburbia. Some of my fondest memories

as a child are of day trips to the mountains and beaches of southern California, and camping and fishing vacations in the western United States and Canada. Our idyllic life in southern California changed when I was a teen and the family moved to Tempe, Arizona. Like any normal surly teenager, I decided I hated everything about it—from the hellish summer temperatures and year round sunshine to the ugly desert scenery and bad jokes about Californians. Maybe the heat eventually added my brain, but gradually, through the years, my perception of the desert changed and now I am most at home in arid and semi-arid environments.

I began my college career at Arizona State University somewhat adrift. My earliest ambition to become an astronomer had been partially squelched by an unfortunate experience with a telescope company that took my hard-earned money for a large reflecting telescope and then went out of business before delivering it. For a lack of any better ideas, I decided business would be an appropriate major and I floundered around in various business and accounting courses for several years. Finally, I had a stroke of luck, and took an excellent non-majors biology course with a strong emphasis on ecology. One course really can change a life; I switched my major to zoology and finished my undergraduate work relatively quickly and successfully. My interest in insects and other invertebrates was sparked as an undergraduate after taking a course in animal behavior from John Alcock. Visions of working with grizzly bears and wolves were quickly replaced by ones involving dragonflies, butterflies, and dung beetles.

I was able to pursue my broad interests in animal behavior, evolution, and ecology as a graduate student with Dr. Alcock, working with invertebrates. My master's research focused on sexual selection and mating behavior of dragonflies and was my first experience working in riparian areas. After finishing my thesis, I moved on to the Department of Entomology at the University of Kentucky to work with a quantitative geneticist, Allen Moore. My dissertation focused on the effects of livestock grazing on (1) arthropod communities and (2) the population ecology

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David Wooster



Dave's Story

I grew up in Reno, Nevada and quickly learned to reject the glitter and glamour of the casinos for the more interesting pursuit of catching snakes and lizards in the local empty lots and trout in the Truckee River. I stayed in my hometown for undergraduate school and discovered that being a budding biologist/naturalist was not necessarily compatible with being a good student. After a very rocky start and during, I believe, my third year as a sophomore I finally stumbled upon a course in Ichthyology taught by a very good ecologist, Gary Vinyard. This course was a “wake-up call” and made me realize that it might be possible to make a living that involved catching snakes, lizards, and fish and that it was high time to get out of undergraduate school. I finished fairly quickly after that course and with much better grades.

After finishing undergraduate work in Reno, I attended Kansas State University, where I studied the food hoarding behavior of woodrats for a Master's degree. That experience was very important in making me realize the difficulties with field work, the problems with bringing wild animals into the laboratory and assuming they are behaving “right,” and the joys of dealing with the Animal Care and Use folks, who appeared to have never heard of anyone studying anything other than laboratory mice. Invertebrates as study organisms were starting to sound like a wonderful idea. So, from Kansas I moved to Lexington, Kentucky and worked on my dissertation at the University of Kentucky with Andy Sih. My research there involved examining the behavioral response of stream invertebrates to different types of predators. More specifically, I was interested in the relationship between prey vulnerability to predation and whether predator foraging behavior influenced the type and degree of behavioral response shown by the prey.

While at Kentucky I met Sandy DeBano and we had a wonderful time together as we finished up our degrees. Sandy finished about a year before I did and she moved to the D.C. area for a professorship there. After finishing my degree I was lucky enough to get a post-doc appointment at the University of Maryland and Sandy and I were reunited. My post-doc work also involved stream invertebrates; we conducted field manipulations of the spatial arrangement and quality of resource patches and followed the colonization dynamics of chironomids and copepods

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Sandy's story—continued from page 3

and behavior of a common herbivore, the rainbow grasshopper, in semiarid grasslands of southeastern Arizona. Other notable experiences in graduate school at Kentucky included taking a tropical ecology course in Costa Rica through the Organization for Tropical Studies (a definite contrast to Arizona grasslands) and meeting my future spouse, David Wooster.

After finishing my dissertation in 1997, I was offered a teaching position as assistant professor in environmental science at Trinity College, a private women's college in Washington, D.C. While there, I enjoyed teaching a variety of courses, from general environmental science and ecology courses to field courses in southern Florida and Hawaii. I enjoyed working with a very diverse group of students at Trinity and involving several of my students in undergraduate research experiences. After a year of enduring a long-distance relationship, Dave accepted a post-doc at the University of Maryland and we, and our four cats and two dogs, were happily reunited. Then, in a 12-month period in 2000/2001, we got married, accepted a joint position as "Riparian Entomologists" at OSU, moved to Hermiston, Oregon, and had our daughter Sally. When not working, I enjoy hiking, gardening, learning how to woodwork, and spending time with Sally, Dave, and our pets. After a long journey, it's good to be back in a semi-arid environment, back to riparian systems, and back to the West.

The Fisheries and Wildlife Club: Building on Tradition

The Fisheries and Wildlife Club is off to an amazing start this year! We are definitely going places and adding on to tradition. Led by President Lucy Herron, with the help of Vice President Darek Smith and the other seven members of the Leadership Team, the Club has entertained, been entertained, and learned a lot.

We started off the year with a weekend camping trip on Mary's Peak. We got a lot of information from biologists at the Alsea Fish Hatchery, Finley National Wildlife Refuge, and E.E. Wilson Wildlife Area, in spite of the fact that it NEVER stopped raining. (Building campfires in the rain may be one of the most useful skills we gain this year.) This year's club consists of nearly 40 members, so the weekend was a great chance to bond with our new club members.

Since that time, we have learned about different issues from various speakers invited to Club Meetings and we have gone on several other trips. Colin Gillan, ODFW's wildlife veterinarian gave a presentation on ungulate diseases, primarily Deer Hair Loss Syndrome. Ted Hart, a fish and wildlife graduate student, talked about the groundfish crisis. Dr. Pat Kennedy taught us about

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Dave's story—continued from page 3

in those resource patches.

After 3 years in the D.C. area, Sandy and I were very lucky to be offered the Riparian Entomology position with OSU. After several years in the midwestern and eastern United States, it is really great to be back in the western part of the country. We are having a great time conducting field work, learning the area's invertebrates, and developing collaborations with local biologists. When not working, I enjoy hiking, bass and trout fishing, learning (ever so slowly) to play that most serious of instruments, the banjo, and spending time with my family.

Our Research

The position of riparian ecologist is a perfect one for us to share, given our respective areas of expertise. The aquatic arena is David's forte while Sandy works with the terrestrial environment. Our research focuses on the roles that invertebrates play in linking riparian areas with adjacent streams and uplands, especially in arid and semi-arid lands. One of our chief research interests now is examining the effect of various aspects of riparian condition and landscape arrangement on terrestrial and aquatic invertebrates, and how these effects are translated through food webs involving fish and wildlife in adjacent streams and terrestrial uplands. Current projects we are working on involve the bio-assessment of riparian restoration projects, the influence of riparian areas on the diets of juvenile salmon, and the impact of patchy and fragmented riparian areas on stream and terrestrial riparian invertebrate communities and the abundance of both agricultural pests and beneficial invertebrates. In addition, David has a Ph.D. student (co-advised by Judy Li) working on the impact of irrigation diversions on river ecosystems and Sandy has had the pleasure of working with an undergraduates student working on the biology of Collembola. We've developed some very good collaborations with tribal and ODFW biologists in the area and are looking forward to continued work with them as well as developing collaborations with other faculty in the Department. And although we were originally hired by the Department of Entomology, we are very happy and appreciative to have found a new home in the Department of Fisheries and Wildlife.

Contact information for new faculty:

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Steve Theberge



When asked to write a personal bio, all I could think of were the lines from a Grateful Dead Song “Sometimes the light’s all shining on me, other times I can barely see, lately it occurs to me, **what a**

long strange trip it’s been”.

I started as a teenager, digging quahogs (hard shell clams, *Mercenaria mercenaria*), catching stripers and bluefish in Buzzards Bay, and setting out eel and lobster pots, and now I find myself in an OSU Fisheries and Wildlife Sea Grant Faculty position in Astoria working on marine fisheries issues.

My graduate degree in Biology (Coastal Zone Studies) came from University of West Florida in Pensacola (or as my grandmother use to call it, Pespiscola), Florida, where street preachers shouted at people from street corners (repent sinners!!!). My undergraduate degree (in Fisheries Biology) came from the University of Massachusetts, Amherst, where student radicals shouted at you from the student center (repent capitalists!!!). It was a bit of a culture shock, moving from a very liberal college town in New England to a small conservative southern city.

Along the way to OSU and Astoria, I worked as a naturalist in several locations, a canoe guide in the Everglades, a mate on an offshore charter boat in Rhode Island, and a marine educator for the New England Aquarium. Some of my more exiting experiences included leading a group of canoeing vacationers through feeding sharks in the Everglades, and traveling the southeast expressway in Boston to reach my job as an educator at the New England Aquarium. My job at the Aquarium included trying to control hordes of first and second graders at the “touch tank” tide pool exhibit. No doubt which experience was more dangerous and stressful.

One of my naturalist positions was at the Greyfield Inn in the Georgia Sea Islands (Cumberland Island). The island was about 17 miles long and had a population of about 30 people. I worked for Miss Lucy, who was in her 80’s and kept snake skins on her walls, skulls on her TV, and a pet vulture on her back porch. She was the granddaughter of Thomas Carnegie, who built the Inn as a wedding present mansion for her mother, Margaret Carnegie.

I spent 10 years working at Rookery Bay National Estuary Research Reserve in southwest Florida, on the edge of the Everglades. I spent most of my time operating mullet skiffs (the traditional commercial fishing craft of southwest Florida) in the bays of the Ten Thousand Islands region of Florida. My main responsibility was field trips for local high school and college students. I worked

closely with the new Gulf Coast University in Ft. Myers and taught Marine Biology classes at Edison Community College. My programs included walks through tropical hardwood hammock islands, mangrove forests, and mudflats, and I did a lot of sampling in local bays with trawl, seine nets and gill nets. While at Rookery Bay National Estuarine Research Reserve I finished up a 2-year fishery survey project called Learning through Research. Once a month for 2 years volunteers and researchers conducted night trawls at four different sites within the Reserve. We spent a lot of the time dodging lightning storms, inhaling many mosquitoes (a significant protein source in mangrove forests) and identifying over 28,000 fish. The fish were not preserved but instead frozen and placed in a large freezer. The quality of the specimens decreased in direct ratio to the number of power outages brought about by lightning storms and tropical depressions. Volunteers and students did much of the collecting and fish identification. When the last decomposing mojarra was identified and weighed, I joined the volunteers in a celebration dinner at our favorite local sushi restaurant.

Another research activity I helped out with in the Reserve was a juvenile shark tagging study in the Ten Thousand Islands region of the Everglades. A house boat donated to the Reserve served as a refuge during thunder storms and a temporary escape from the mosquitoes. The juvenile sharks were collected by gill net and swam around in a kiddie pool while waiting to be measured, weighed, and tagged. It gave a new meaning to the term “ankle biters”. We learned quickly that bull sharks do not play well with other kiddie pool guests.

While at Rookery Bay, I became the co-host of a local environmental television show called Gulf-Coast Eco-update, alas cancelled after the first season! (13 episodes). My favorite episode involved filming a night collecting trip by a local college Marine Biology class. I served as captain, teacher, cameraman, co-star (with an extremely photogenic batfish) and producer. Somehow I’m sure Steve Spielberg and Tom Hanks are not worried about the competition.

I met my wife, Lisa, while I was working at New England Aquarium. I lured her down to south Florida and Rookery Bay with promises of warm water, white beaches, fresh seafood, and luxurious living arrangements in a genuine Florida mobile home—white trash living at its finest. (Although she has not completely forgiven me for misrepresenting the trailer as a double wide). In our free time in south Florida we spent most of our time exploring the Ten Thousand Islands region by boat. And now we have traveled all the way across the country to the Pacific Northwest. We have recently bought a boat and are starting to explore the lower Columbia River estuary. We still eat a lot of fresh seafood and the beaches are beautiful, even if the water is too cold for swimming. We are really pleased to have a whole new exciting area of the country to explore!

Registry of Distinguished Graduates

A committee chaired by Rebecca Goggins considered nominations from faculty and alumni and added the following names to the Registry of Distinguished Graduates in June 2004:

Dr. Michael R. Vaughn—Mike received his Master of Science degree from our Department for his work on mountain goat ecology in the Wallowa Mountains and subsequently received his Ph.D. from the University of Wisconsin. Since then he has been Assistant Leader for Wildlife at the Virginia Cooperative Fish and Wildlife Research Unit, where he has published over 75 manuscripts and mentored more than 40 M.S. and Ph.D. students. He has been active in The Wildlife Society, having served as the President of the Virginia Chapter, Associate Editor of the Journal of Wildlife Management, and chaired both the Leopold Committee and the Population Ecology Working Group. Mike has also played important roles in the International Association for Bear Research and Management, where he has served as both an editor and organizer for the Triennial Conferences and as a member of the IBA Council. Mike continues to conduct research on predator-prey interactions, large mammal studies, and sea turtle population ecology.

James W. Greer—Jim received his B.S. in Wildlife Science from OSU in 1973. He began his career as a field biologist with ODFW at Summer Lake. In 1986, he became an Assistant Regional Supervisor for ODFW. Two years later he moved to the Wildlife Division to become the Assistant Director and then Director of the Division. In 1997 he was appointed Director of Oregon Department of Fish and Wildlife, where he was responsible for all fish and wildlife programs. During his tenure he directed the management and purchase of over 300,000 acres of land, including 75 wildlife and viewing areas and nearly 400 angler access sites and riparian areas. In 2001 Jim moved to the U.S. Fish and Wildlife Service. As Wildlife Branch Chief for Federal Aid in Region 1, he supervised the administration of over \$35 million in federal conservation grand funds to five western State Fish and Wildlife Agencies. Jim is currently Deputy Chief of the Division of Federal Assistance for USFWS in Washington, DC. Through this and his previous positions with ODFW and USFWS, Jim has contributed significantly to the development and implementation of policy to conserve wildlife and their habitats throughout Oregon and the U.S.

Dr. Reynaldo Patiño—Reynaldo received his M.S. in 1983 and Ph.D. in 1988, both from our Department, for his work on endocrine changes during smoltification of coho salmon. Reynaldo continued his career with a post-doctoral appointment at the University of Texas Marine Science Institute. In 1989 he moved to Texas Tech University, where he currently has a joint appointment as professor of Range, Wildlife, and Fisheries Management and of Biological Sciences. He is also Assistant Leader of

the Texas Cooperative Fish and Wildlife Research Unit and has been Acting Leader of the Unit for the past 2 years. In 1999 he also became Aquatic Toxicology Section Leader at the Institute of Environmental and Human Health at Texas Tech University. While he was a Ph.D. student, he received the Ph.D. Student of Excellence Award from the College of Agricultural Sciences at OSU and also served as National Sea Grant Fellow for 1 year in Washington, DC. He is active in the American Fisheries Society and has served as President of the Physiology Section. His research interests continue in the field of reproductive, developmental, and stress physiology of fish and wildlife through grants, student mentoring, teaching, and national and international advisory committees.

Dr. Stacia A. Sower—Dr. Stacia A. Sower received her M.S. in 1978 and her Ph.D. in 1981 from our Department for work with physiological influences on ovulation in coho salmon. She began her career as a fishery biologist with the Peace Corps in Venezuela in 1975. After completing her PhD she took a position in the Department of Zoology at the University of New Hampshire and is currently a tenured professor there. She is currently Professor of Biochemistry and Molecular Biology, Director of the Anadromous Fish and Aquatic Invertebrate Research Laboratory, and Director of the Center of Developmental and Neural Endocrinomics, an NIH Center of Biomedical Research Excellence. Stacia has received numerous awards for her contributions to the profession, including the Arthur K. Whicomb Professorship, NSF Director's Award for Collaborative Integration, NSF Faculty Award for Women Scientists, and UNH College of Life Science Teaching Excellence Award. She has authored over 100 refereed journal articles. Her student mentoring, teaching, publications, professional activities, and regional, national, and international committee service continue to provide significant contributions to understanding endocrinology functions in a wide range of species and conditions.

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 31, 2005.

Fisheries and Wildlife Club—continued from page 4

raptors of eastern Oregon. For Dad's weekend the Club treated our members and their fathers (and one mother) to a Shotgun Skill-Building Clinic at the Willamette Valley Sportman's Club. We shot skeet, trap, and 5-stand clay targets. Several students and a couple of dads had never handled a firearm before; all plan to continue shooting in the future. Another trip involved a day at the coast with talks on salmon at Hatfield Marine Science Center, a tour of the sea urchin hatchery, and crabbing off the dock (two rock crabs and one clawless Dungeness). Our next event is Natural History Discovery Days, co-sponsored with the Bug Club, Botany Club, and Zoology Club, where we teach about 1,500 kids about fish and wildlife and other natural resources. The kids get to handle the specimens from the Department's museum collection and learn about Oregon's native fish and wildlife species. The last trip planned for this quarter will be assisting ODFW spawn salmon at a coastal hatchery. Future plans include a tour of cervid ranches, a trip to Zumwalt Prairie with wildlife students from Eastern Oregon University and University of Idaho, a trip to the Hanford Reach of the Columbia River, and possibly spending spring break on a Safari in Africa—or in the Redwoods. Last year the Club visited Yellowstone National Park during spring break.

Throughout the year we work with many committees and activities and have received recognition because we are so involved with the community and the University. For example, last year we were voted "Most Interactive Booth at Agricultural Day", the E.R. Jackman Foundation awarded us \$3,000 for our involvement in Discovery Days, and the College of Agricultural Sciences selected us as Club of the Year, as well as Top Fundraiser of the Year. We hope to be as successful this year as in the past. We also hope to expand our horizons to new experiences and people as we venture to grow and reach our highest potential, not only as a club, but also as individuals.

We are constantly on the lookout for new opportunities to learn about fish and wildlife resources, meet biologists and participate in hands-on field work opportunities. In past years we have helped the Rocky Mountain Elk Foundation with meadow restoration, ODFW with pronghorn trapping and CWD testing, and USFS with bird surveys. Please contact us if you would like us to help with a project or you would like to share your expertise with enthusiastic students.

Shannon Russell
Outreach Coordinator, Fisheries and Wildlife Club
(email: russesha@onid.orst.edu)

Departmental Scholarship Recipients 2003–2004

Undergraduate

Sarah Sells—**Roland E. Dimick** Memorial Scholarship, \$2,000; for Sophomores who have been in the Department for at least 3 terms; based on Freshman performance; awarded since 1980

Jess Higdon, Mark Raggon, Clair Rose, Nick Rowell, Jenna Wiltermood—**Henry Mastin** Memorial Scholarships, \$1,200 each; for Freshmen entering the Department; based on scholastic achievement; awarded since 1989

David Main and Joshua Uriarte—**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.

Shari Anderson—**Rogue Flyfishers Club** Scholarship, \$1,000; for a Junior or Senior majoring in Fishery Science; a new award this year.

Amanda Reich—**Bill Schaffer** Memorial Scholarship, \$800; given by the Multnomah Anglers and Hunters Club for a Sophomore in the Department; based on Freshman performance; awarded since 1942.

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

Joey Sands—**Vivian Schriver Thompson** Scholarship, \$2,500; E.R. Jackman Foundation, to benefit needy wildlife students; restricted to Oregon residents; awarded since 1995.

Kaylea Foster and Nancy Raskauskas—**Southern Oregon Flyfishers Club** Scholarship, \$1,000 each; restricted to Juniors and Seniors in the Department; preference to those with field experience; selection based on scholarship and need; awarded since 1995.

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

Trent Harthill, \$1,000, Joshua Uriarte, \$1,000, Danielle Warner, \$500—**Mike and Kay Brown** Scholarships, for undergraduate students with a major in the College of Forestry, Department of Fisheries and Wildlife, or in Natural Resources; awarded since 1998.

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Thank you, Donors

The following individuals and organizations generously supported the Department with donations received between July 1, 2003 and June 30, 2004

Christian Abbes	Gordon Euler & Elisa Romick	Leonard & Carol Layng	Shaun & Colleen Robertson
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Randall & Marilyn Brown	Richard & May Haley	Bill Neal	Vicki Ursitti
Bruce & Cora Brunette	Dick & Jean Hallock	Don & Jeanne Neff	Anna Vaughan
Dave & Margaret Buchanan	Austin & Ina Hamer	Natasha Nelson	John & Carolyn Walker
Patrick & Debra Buckley	Russell Hanson	John & Mary Nickum	Glen & Joyce Ward
Tom & Carol Cain	Joshua & Karen Hanson	George & Lisa Norris	Mysti Weber
Gary & Ulrike Calaba	George Harry, Jr.	John & Lori North	John Wells
Gwendolyn Campbell	John & Linda Haxton	David & Tracy Nuzum	Joe & Darlene Wetherbee
Rick & Sylvia Cardwell	Dennis & Sheryl Heikes	Russ & Stacy Oates	Marie Wick
Shirley Carlson	Patricia Heilman	Pat & Deborah O'Donogue	Don Williams
John & Barbara Casteel	Jack & Marilyn Helle	Robert & Katherine Oja	Greg & Anita Williams
Thomas & Holly Chaimov	Paul & Marilyn Hemerick	William & Donna Olson	Steve & Cynthia Williams
Daniel & Debra Clark	Bob & Ann Herrmann	Eric Onizuka	Bill & Elaine Wilson
Patty Clark	Gary Hickman	Greg & Kathie Oriet	James & Maryann Wilson
Jesse & Jeanette Colbert	Mark & Gayle Hirschberger	Edward & Pearl Ortner	Matthew Wilson
Cindy Confer	David Hipply	Stacey Page	John & Roberta Winchell
Charles Connelley	Randy Hjort	John Palensky	James Woods
Pat Connolly	Jeffrey & Kristin Richards	Loys & Mary Parrish	Charles & Gail Woosley
Cory & Stacy Cooley	Hock	Dave & Noralyn Parsons	Patrick & Michaelon Wright
Shauna Cotrell	Ernest & Onelda Hodson	Mike Passmore	Wayne Wurtsbaugh
Steve & Nancy Coyle	Merlyn & Martha Hough	Bob Personius	Leland & Glenna Wyse
Dale & Mariann Crane	Nancy Hoven	Joe & Carol Pesek	Max Zeller
David & Jill Crowley	Richard Hoyer	Ken Prevette	Jeff & Anne Ziller
Ed & Sally Cummings	Dick & Jeralyn Humphreys	Vernon & Diane Roloff	Organizations:
Ken Currens	John & Rebecca Hurd	Pritchard	Black Rose Traditional
Dennis & Nancy Double	Virginia Ito	Dave Price	Archer's Club
Roy & Joyce Davenport	Phil Janik	Eric Quaempts	Morse Brothers
Helen de la Maza	James & Jean Johnson	Don Ratliff	Rogue Flyfishers
Glenn & Lori DeMott	Brian Jonasson	Kim & Priscilla Reaney	Southern Oregon Flyfishers
Alan Dietrichs	Robert & Helen Jubber	Gordon & Meg Reeves	Matching gifts:
Marty Drut	Twila Kaiser	Julius Reynolds	International Paper Company
Val Dutson	Sara Kaul	Mark Ricca	Foundation
Dan & Sally Edge	John & Sharon Krauss	Janice Rice	Nike Inc.
Ervin & Carol Elwell	Gordon & Michaela Kruse	David & Nancy Richter	Pfizer Inc.
Craig & Barbara Ely	Dave Langowski	Thomas & Audrey Rix	Thrivent Financial for
Paul & Theresa Esselstyn	William Lapham	Edward & Sheila Robertson	Lutherans



View from the past: 50th Anniversary celebration, Corvallis, July 1985

How many can you recognize? (Your editor is offering an unspecified prize for the most correct answers)

continued from page 7

Scholarship recipients (cont.)

Graduate

Judith Jobse—**Coombs-Simpson** Memorial Fellowship, \$500; awarded to a female graduate student with personal and professional qualities that exemplify the role-model characteristics of Candia Coombs and Gay Simpson, alumnae of the Department. The recipient is nominated by her peers; awarded since 1995.

George Boxall and Scott Miller—**Oregon Council Federation of Fly Fishers** Scholarship, \$1,500 each; to graduate students researching native fishes; awarded since 1992.

Lisa Sheffield—**Thomas G. Scott** Achievement Award, \$750; for the Outstanding M.S. student in the Department; awarded since 1993

Andrea Lueders—**Thomas G. Scott** Achievement Award, \$750; for the Outstanding Ph.D. student in the Department; awarded since 1993

Daniel Uchida—**H. Richard Carlson** Scholarship, \$1,500; awarded to a graduate student working in the area of marine fisheries; awarded since 2000.

Judith Jobse \$850, *John Wilson* \$550, *Courtney Krissman* \$550, *Scott Miller* \$550—**Henry Mastin** Graduate Fund to assist with expenses for research and travel to professional meetings.

Mike Pope and Andrea Lueders—**Thomas G. Scott** Publication Fund, \$500 each.

Alumni Receptions at AFS, TWS

Plan to meet fellow alums at the annual meetings of AFS and TWS, both scheduled for the OSU Campus in February. The AFS reception will be held in the CH2M-Hill Alumni Center, in the library area, on Thursday February 17 from 5:30 to 6:30. Look for signs to the event.

The TWS Social will be held at the LaSells Stewart Center on Wednesday February 23 from 5:30 to 7:00. Dan promises a keg and a no-host bar at both events.

Mary Dimick is 100!

Mary Dimick, the widow of our Department's founder, will be 100 years old on November 11, 2004. She just recently moved from their home on 35th Street to Park Place, an assisted living facility. Her daughter Ann reports that she would love to receive mail. Her address:

Park Place Assisted Living
2597 NE Jack London
Corvallis, OR 97330

Carl & Lenora Bond to be featured in next News and Views

The next issue of the newsletter, which your editor promises will be ready by the reunion next summer, will be dedicated to Carl & Lenora Bond and their long careers. Please send reminiscences of Carl & Lenora and how they influenced your life and career. Send your letters by April 1 to: Dan Edge, Department of Fisheries and Wildlife, Nash Hall 104, Corvallis, OR 97331-3803.

From the Mailbag

Glen Carter M.S. '52 wrote to **Carl Schreck** in response to a news article about an award made to Carl:

The attached clipping came in *The Oregonian* on November 26, 2003. Oddly enough, it was also my 77th birthday, but that is not the reason for this letter. While I knew of you and your professional programs in a casual way, I did not know you were tied to the Oregon Cooperative Fish and Wildlife Research Unit.

I went through that program in 1950–52, when it was headed by Art Einarsen and kept on track by R. E. Dimick. We received \$60.00 per month and a place to live. Art was strictly a fur and feather man. I suspect **Howard Horton** was one of the first unit students to put water and fish together.

Most of the unit students of that time were WWII veterans. There were some real characters in the group. Perhaps the most illustrious was **Elwood "Zeke" Madden M.S. '53**. Zeke had several bullet wounds in Europe and had a degree from Purdue. When I arrived at OSC soon after claiming a B.S. at Humboldt State, Einarsen instructed me to go to the experimental fur farm. There were to be two other students to welcome me to the "Cabin". Upon arrival, I found the cabin to be two abandoned chicken houses and a garage pushed together, equipped with a wood burning cook stove and a failing septic system. I knocked at the door and could hear the shuffling of boots inside. The door opened into the darkness of a cave-like atmosphere and a belch of burnt bacon grease came out. There stood Zeke and **Bob Corthell '48, M.S. '50**. The floor was scattered with bottle caps, cigarette butts, and wood chips. They chopped wood on the floor and leaned the axe against the wood box. Both were delighted to see me as a new member. They insisted that I join them for a dinner stew of their own making. Hardly had we been seated at a bent-leg card table when Zeke excused himself and disappeared into a tunnel-like room to another cabin. He soon returned with a roll of toilet paper in hand, extended it to me, and said, "Have a napkin boy and pass 'em around."

Came nightfall and two other unit students arrived at this one-room cabin with sleeping bags in hand and took up a spot of their choice on one of the three army-surplus double bunks: a most congenial group. Our recently departed friend and professor, **Lee Kuhn**, lived in the only decent house on the site. Einarsen touted this Spartan exposure to be "character building, resourceful, and flexible". He later remarked, "This teaches them frugality!"

Several days after the cabin episode, Einarsen instructed me to get a 1938 Dodge Pickup from his storage yard and go to Madras, Oregon, where I would meet Zeke again. On the road over the Cascades the engine froze up. There was no antifreeze in the cooling system. Art said I should have been smart enough to check it before leaving Corvallis. Our home for the next year, while we researched ring-necked pheasants, was an abandoned military latrine

building. It was a year of funny stories and the ever pleasant, but a bit ribald, Zeke. Our first night there the toilet froze solid when the outside temperature dropped to -15° F.

I could write a comic book about a year's experience that put an M.S. degree in each of our personnel files. And all of that gave me the incentive to leave shootable game animal management to look at water and fish for a profession. Prof. Dimick detected my preparations to bolt the ranks and put me in his water pollution control training program—the clean-up of the Willamette River. It was truly as we called it - A stream of Carp, Crap, and Condoms. I worked state wide 32 years for the DEQ, nee Oregon Sanitary Authority.

Congratulations on your recognition by the other scientists!

Bill Saltzman M.S. '53 wrote from West Linn: Really appreciate receiving the copy of News and Views. I have been out of the Fish and Wildlife loop for so long—I was unaware of the publication and the death of Lee Kuhn. Unfortunately my two years ('51-53) with the fishery side of the Wildlife Research Unit left me "culturally deprived" in that I did not attend any of Lee's classes. My loss. I certainly did know him however and can only echo the many positive comments expressed from former students and friends. What a great guy!

Many of my days following retirement have been spent with Northwest Medical Teams in a variety of trips and activities, not the least interesting were several trips into remote Indian villages in Southern Mexico. Here we worked on water development. Were these wildlife projects? Hardly—but it seems that no matter where you go or what you do, we in our profession are always cognizant of our fish and wildlife background. Thus in jungle-like headwater streams in Mexico, we often came across small 2–3 inch crabs. Our local Indian workers would eagerly grab one and bite into the soft shell, massaging it around a bit in their mouth. I too was encouraged to do so since the locals assure you that "the juices are good for your health".

Having spent the past 12 summers, and some winters, teaching English in various provinces in China, our teaching team too had many opportunities to observe fish, wildlife, and their impact on the local culture and economy. Along the Burma Road below Kunming and close to Burma (Myanmar), people from local minority tribes sell snakes and a grouse-like bird to those passing through their villages. Food is food, I guess. In the Dalian peninsula of Northeastern China, the major aquaculture product—and it is very important locally—is cultivation of a sea slug, gray in color, the size of your fist, and about as tasty as stale chewing gum or a rubber band. Enough rambling—thanks again for the copy of News and Views. **Austin Hamer '42** writes: Hi Dan—

That is a great tribute to Lee Kuhn and well deserved, I'm sure. It was a pleasure to read all the comments from his former students complimenting him on his

teaching skills and his advisory abilities. I never got to know him well. He was a grad student when I was a senior, but he was on the Big Game Mgt field trip in the spring of 1942 with me. By the time we both returned from WW2 service, I had been with the Oregon Game Commission for a couple of years and I returned to my job. I got to know him better through Lenora Bond when, in the 1950s, I was Supervisor of Conservation Education and was hiring students for the summer camp program. They both helped me to select the best of the student applicants. Some of those young men went on to become leaders in the Game Commission organization—**Ron Shay '52, Warren Aney '58, Mike Golden '60, Rollie Rousseau '58**, and others.

My only news is that on November 27 of this year, Ina and I will celebrate our 65th wedding anniversary. We will have a little get-together with our two children. She is

deteriorating and may need skilled nursing care before too long. I'm trying to hold up as her major care-giver.

Bruce Barton Ph.D. '87 wrote from Nova Scotia to say: After many years as Professor of Biology at the University of South Dakota, I have returned to the homeland to accept the position of Director of Research at the National Research Council of Canada's Institute for Marine Biosciences in Halifax. I still continue my role as Co-Editor of the North American Journal of Aquaculture.

The Native American Fish and Wildlife Society presented its Chief Sealth Award to **David Close M.S '01** at its annual conference in May. The Chief Sealth Award honors those who have spent many years working toward improving tribal natural resources. David is now in a Ph.D. program at the University of Michigan. Congratulations!

John Fryer 1929–2004

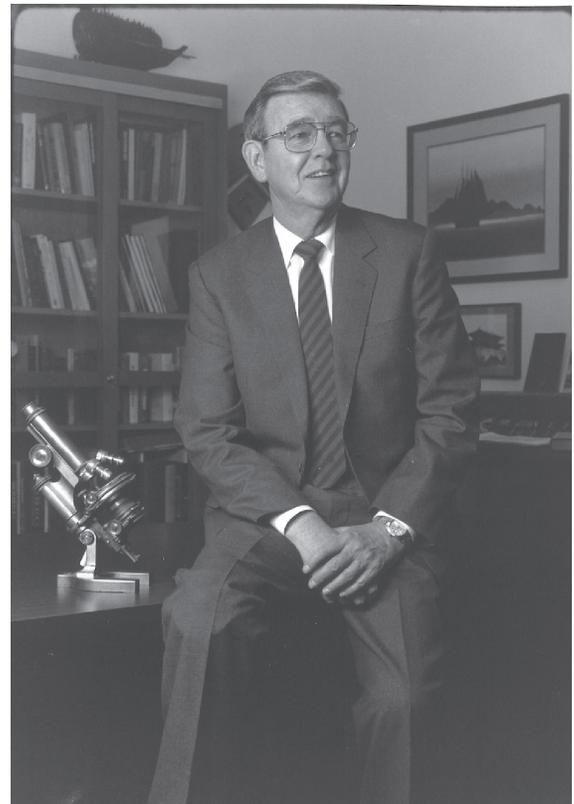
John Fryer, a Distinguished Professor Emeritus of Microbiology at Oregon State University and one of the world's pioneers in diseases of salmon and other fish, died August 31, 2004. He was 75.

John served in the U.S. Marine Corps during the Korean War and was awarded a Purple Heart for injuries that left him an amputee. Upon re-entering civilian life he began studies in fisheries at OSU, receiving a B.S. in 1956 and an M.S. in 1957. He served as an instructor in the Department and as a pathologist for the Oregon Fish Commission. He then embarked on research that led to a Ph.D. in Microbiology from OSU in 1964.

John was on the OSU faculty for more than 40 years, and served a long tenure as Chair of its Department of Microbiology. He was widely recognized at the university and internationally for his work on the infectious diseases of fish, especially salmon in the Northwest. His research helped train generations of students. He isolated viruses that were serious threats to salmon health, developed vaccines, improved salmon aquaculture and characterized important disease-causing organisms.

When he was honored in 2002 by the American Fisheries Society with its highest award, the Award of Excellence, officials noted that his work had "achieved international acclaim . . . and spanned the disciplines of virology, parasitology, bacteriology, cell biology, immunology and fish physiology, resulting in more than 200 publications, two patents and recognition as one of the world's leading centers for research on infectious diseases of salmonid fish."

As an educator, Fryer's courses were taken by thousands of undergraduate students and more than 50 master's and doctoral students. He received the F.A. Gilfillan Memorial Award for Distinguished Scholarship in Science from the OSU College of Science, the Carter Award for outstanding teaching, and other international career awards and honors. In 1991 he earned the prestigious Alexander von Humboldt Award. When he "officially"



retired in the 1990s—aside from the fact that his research programs continued in full swing—colleagues from all over the world flew to Corvallis to honor him.

A memorial lecture and reception to honor his life will take place at the LaSells Stewart Center at OSU beginning at 4:00 pm on December 10, 2004. The lecture will be delivered by Dr. Rita Colwell, past Director of the National Science Foundation and a close friend of John. More information on the lecture is available from Dr. Jerri Bartholomew, Department of Microbiology, Nash Hall 220, OSU. Contributions in John's memory can be sent to the John Fryer Scholarship Fund at the OSU Foundation 850 SW 35th Street, Corvallis, OR 97333.

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