



# Department of Fisheries & Wildlife News & Views

2009

## Message from the Department Head: Reaching Out and Touching Someone



The rapid expansion of the internet over the past several years has resulted in phenomenal changes in the way we do business at OSU. There are many examples of how the internet has changed our lives. Perhaps the most pronounced is the availabil-

ity of information. Our libraries are no longer the keepers of the knowledge—scientific information, including peer-reviewed journals, is readily available on-line. Many of our students do not know where the library is or have not visited it in the past six months. That easy access to information has come with its own challenges. Many people do not discriminate among sources of information, and we are constantly reminding our students that we want them to use the primary literature for their assignments, term papers, and theses. Seemingly factual information is only a Google search away. Another problem that we have begun to recognize is an increase in plagiarism—the easy access to information apparently makes it very tempting for some students just to cut and paste sentences (or even entire paragraphs) from the internet into term papers. These are not the brightest students, because they don't realize we can readily detect the change in writing (usually from bad to good) or that we can easily find that same sentence with our own Google search.

The internet has allowed us to provide access to our classes to students anywhere in the world, and we now provide educational opportunities to a much more diverse student body. Your department has been a leader in distance education for 15 years, and this fall we took the plunge to begin offering our B.S. in Fisheries and Wildlife Science completely on-line. We had almost 70 on-line majors the first month, increasing our total undergraduate numbers by 30%! Many people ask, how can you offer a field-based degree on-line? My honest answer is, we are working on it. We currently offer 29 undergraduate and 12 graduate classes on-line. However, the majority of the classes we first developed were our lecture classes, which are readily adapted to on-line delivery. We have some very talented teachers in your department and I have always challenged them

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by saying, it is not a question whether the students can learn on-line—the question is, are you smart enough to figure out how to deliver your class that way? This fall we began offering our class in Field Sampling of Fish and Wildlife on-line, and beginning winter term will systematically collect data regarding learner outcomes for this class, both on campus and on-line. By this time next year, we hope to have a paper submitted to a peer-reviewed journal comparing these two populations—my prediction is that there will be no difference in learner outcomes between the two populations. Intrigued? Consider taking a class yourself for professional development. Check it out at <http://ecampus.oregonstate.edu/>.

By the end of this academic year, we hope to propose a non-thesis masters degree called the Professional Science Masters in Fisheries and Wildlife Administration. If approved, this degree will be limited to professionals with at least five years of professional experience who are currently working for an agency or organization. There will be a professional core of classes such as budgeting, marketing, ethics, and communications; a core of classes in fisheries and wildlife science, two classes in policy and three classes in human dimensions of natural resource management. Each student will have to complete an extensive internship experience, such as a special assignment within their agency, or posting to another division or even another agency. We will offer this degree completely on-line, except for a two-week cohort experience at the beginning and a trip to campus for a defense.

The internet also provides us with some interesting social networking opportunities as well. Most of you have probably heard of Facebook and some, perhaps many of you have Facebook accounts. I got mine about five years ago after an intriguing presentation at Faculty Senate that suggested this was the crest of a new wave, and that many students were

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displaying risky behavior on-line. The speaker encouraged us to get an account and just watch. I must admit, that I got my account and then never logged on until about a year ago when my kids got their accounts. I have concerns about how much time my kids spend (read waste) on social networking, and I have an odd feeling sometimes about being “friends” with my kids or my boss. However, I am convinced that the system offers phenomenal networking opportunities. We rolled out an OSU Department of Fisheries and Wildlife fan site a week ago and had 51 fans the first night and over 300 now. We regularly share information about the awards our students and faculty receive, news reports about our folks, and general interest fish and wildlife items. If you have a Facebook account, become one of our fans and let us know what you are doing.

Finally, I hope you can attend the Department’s 75th anniversary celebration. It will be a great opportunity to network in person.

## Plan for our 75th!

We have a plan! After much backing and forthing about a date (summer, fall, football or no) we have settled on the weekend of October 8–10. Football was too complicated, as the schedule may be in flux up to a couple of weeks before the game (different time, even different day—television rules the world!). Apologies to the hunters, but we decided to try something different, having the students around for the event. Our committee is arranging for alumni to do a short video clip about their career; these would be available for viewing at the reunion and hopefully on our website and Facebook page. The website page is <http://fw.oregonstate.edu/Reunion.htm> If you’d like to join our fan club on Facebook (assuming that you have a clue about Facebook), search for Department of Fisheries and Wildlife. More information, a complete schedule, and registration forms will be sent out in early June. For now, put the weekend on your calendar. Hope to see a lot of you there!

## Lenora Bond continues to do well

Just talked with Lenora’s daughter, Nancy Hemming, who reports that her mom continues to do pretty well. Still in her apartment and coming up on 89 in February. She’d definitely be glad to hear from you. You can send greetings to 4650 SW Hollyhock Circle, #220, Corvallis, OR 97333. Phone (541) 753-8315

# Restructuring OSU

(from Dan Edge)

You may have read in the paper about the difficult budget challenges many state-supported institutions across the country are facing as a result of the recession and economic crisis. Unfortunately, Oregon is no exception, and because its tax base is dependent on income tax, the state is in worse shape than many. Depending on the outcome of a ballot initiative in January dealing with rescinding new taxes that the legislature passed, budget reductions at OSU for this biennium are in the 15–20% area. This has resulted in a series of conversations on campus over the past 6 months or more about how we might reorganize OSU in the face of these challenges. The purpose of this reorganization will be threefold: (1) eliminate programs with low student enrollment; (2) restructure the remaining units so that synergies can be developed in teaching, research, and outreach programs while reducing administration; and (3) position the remaining units to better meet the challenges and needs of the state in the future.

The university has formed four divisions around the three major themes in the OSU strategic plan: Healthy Planet, Healthy People, and Healthy Economy. The Division of Earth Systems Science (ESS) will include the colleges of Forestry, Agricultural Sciences, and Oceanic and Atmospheric Science; the Division of Health Science will contain the colleges of Pharmacy, Veterinary Medicine, and Health and Human Sciences; the Division of Business and Engineering will contain those two colleges; and the colleges of Science and Liberal Arts will compose the Division of Arts and Sciences. The mission of ESS will be to: (1) improve the fundamental understanding of earth's ecosystems in an era of expanded human interaction through research, scholarship, and technological innovations; and (2) promote the sustainability of those ecosystems and society through high-impact education, research, and outreach programs and public policy engagement relevant to climate change, food security and safety, renewable energy production, water quality, and

economically viable sustainable natural resources management. Thus, the purpose of the divisions is strategic realignment to better position the university for the future.

The university has released guidelines to be implemented within each college regarding maximum number of departments, minimum number of undergraduate and graduate majors, minimum class sizes and minimum number of faculty members in a unit. The Department of Fisheries and Wildlife meets all of the guidelines for maintaining programs. However, the college is required to reduce the number of departments in order to transition to a smaller state-supported footprint. Our new Dean, Sonny Ramaswamy, has asked Dean Emeritus C.J. Weiser to convene a small group of faculty members to develop concepts about how our College might transform to empower our faculty for delivering relevant programs. Selina Heppell from our department will serve on this panel. The panel will meet several times in the next couple of months and will make recommendations to the dean in mid-January. After the Dean and Associate Deans test these ideas with internal and external stakeholders, a final plan for transformation will be delivered to the Provost in March.

So, what does this mean for Fisheries and Wildlife as we approach our 75<sup>th</sup> year of operation? Well, I don't have an answer at this time. However, I will vigorously advocate for your Department throughout these discussions. By any measure (national rankings, number of students, number of grants, number of publications, ratio of state to non-state support, etc.) we are one of the most efficient, effective, and relevant programs in the entire Oregon University System. In addition, we are at the center of many of the major natural resources issues of our time including climate change, ecosystem services, and sustainability. Furthermore, we have a unique mission in the Oregon University System. I am betting that we will remain pretty much the same. Stay tuned.

## Restructuring Nash Hall

(from Rob Chitwood, our facilities manager)

The chaos continues, as the work must go on. The plan is to refit a very energy-wasteful building (designed in the cheap-energy late 1960s) to provide efficient heating and air conditioning, new insulated

windows, and improved lighting.

With the planning stages complete, Nash Hall renovations begin, with the first hurdle for building occupants being the "December Shutdown". This

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## News from the Club

The Fisheries and Wildlife Club kicked off the year with a number of great activities, and has more planned for Winter and Spring terms. There are about 50 new and returning students becoming active in the Club. We are learning a lot and we are having fun! And we're also doing well. Our Club won the award for the outstanding club in the College of Ag Sciences for the second year in a row (and has taken that honor 4 out of the last 8 Years)

We started off the year with a trip to Newport for the weekend. Thirteen students traveled to Newport for a night at the Hatfield Marine Science Center, with the hopes of seeing whales. Rough waters caused a change in plans, but students still enjoyed a tour of the Yaquina River provided by Marine Discovery Tours. The following day we split into three groups, with some people participating in a commercial dock tour, others assisting ODFW in a creel survey, and others traveling to Yachats to plant violets for threatened Oregon Silverspot butterflies. Most of the attending students were new to the Club and were able to make new friendships and gain new skills through this event.

This October we also offered a trip to Mt. St. Helens. Eight members, many of whom were unable to attend the Newport trip, traveled to Washington

and assisted National Monument Biologist Peter Frenzen and the Mt. St. Helens Institute with repairs on the north elk exclusion fence. We stayed in yurts at Seaquest State Park, where we feasted on hot dogs and s'mores, and played a two-day game of Phase 10. Many participants had never been to Mt. St. Helens before, and were exposed to a classic example of succession that they had heard about many times but had never had the privilege to see.

On our radar for the following two terms are the Oregon chapter American Fisheries Society and The Wildlife Society conferences, a weekend trip to the Klamath basin, a weekend trip to someplace with snow, and a variety of day trips that are yet to be determined. We are also working on planning a spring break trip, where we hope to travel to Monterey, CA, stopping at various places along the way. Places we hope to see include Pinnacles National Monument, Monterey Bay Aquarium, and Redwood National Park.

This year started off well, and it is looking like we have a great list of activities to look forward to. We appreciate all the support we are getting from the Department, and are looking forward to having another great year! If you have some fieldwork the Club can help with, please contact Emi Ikeda, Vice-President at [ikedae@onid.orst.edu](mailto:ikedae@onid.orst.edu).

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## Grad Students also active

The Fisheries and Wildlife Graduate Student Association is off with a bang this year, with exciting social activities and additional officer positions. The group is designed to improve communication and collaboration among graduate students, undergraduate students, and faculty and to provide professional development and outreach opportunities for graduate students.

On February 2, 2010 the group will be hosting its seventh annual symposium, Research Advances in Fisheries, Wildlife, and Ecology (RAFWE). The symposium is organized entirely by graduate students and is meant to provide speaking experience to graduate and undergraduate students studying fisheries, wildlife, ecology, and natural resources at Oregon State University. This year the date has been moved from fall to winter quarter to give students with data from their summer field seasons the opportunity to present that work and for new students to develop presentations relating to their research proposals. The date was set for early in February, before both the Oregon American Fisheries Society

and The Wildlife Society meetings, so that students will be able to use the symposium to polish their presentations for those meetings.

Many students are unable to attend professional conferences due to the cost of registration, travel, and lodging. RAFWE provides all students, including undergraduates, with the experience of a professional conference at no charge. We expect in excess of 200 people to attend the day-long event. The symposium will begin the morning with three concurrent workshops. This year's workshops will be 1) PIT tagging with our own FW master's student, Art Bass, 2) Media training presented by OSU's Media Relations and University Advancement staff and 3) Nature Photography by our own Nichole Duplaix. We also expect in excess of 30 oral presentations and 20 poster presentations to be given.

New this year will be a brown bag lunch. We will offer lunches to registered participants who would like to attend and discuss "Ethics in Publishing" by Dr. Jeff McDonnell (Richardson Chair in Watershed

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*Grad students (continued from page 4)*

Science and University Distinguished Professor of Hydrology at Oregon State University).

The keynote speaker this year will be **Jim Martin, '69, M.S. '78**. Jim retired after 30 years with the Oregon Department of Fish and Wildlife, where he served 6 years as Chief of Fisheries. He now works as the Conservation Director for the Berkeley Conservation Institute, a branch of PureFishing. Jim led the team that developed the Oregon Plan for Salmon and Watersheds, a state conservation plan to address endangered species and clean water issues in Oregon.

We will also be offering a poster session social following our keynote speaker. The social will provide networking opportunities for students with faculty, agency staff, and managers in an informal setting.

More information about the event can be found at

<http://fw.oregonstate.edu/groups/fwgsa/rafwe.htm>

*Nash Hall (continued from page 3)*

phase of work will start December 12<sup>th</sup> and end by the beginning of winter term January 4<sup>th</sup>. During this period the “core” of the building will receive the new air handler system that will set the stage for the floor-by-floor adaptation to the new system. This last phase will involve complete shutdown of one floor at a time, with the 5<sup>th</sup> floor being first in line. For our Department the biggest user impact will not take place until the construction reaches the second floor (September of 2010). The basement is scheduled to be completed by March of 2011. They haven't yet figured out how to handle we folks displaced from our floor as the project goes on. (If you make it to the 75<sup>th</sup> celebration, you'll get a chance to see how the nomads are handling their fate).

And that's not the only disruption. Just to the west of Nash there are some verybig holes in the ground that will eventually (sometime in 2011) be the new home of the Linus Pauling Center—there went the parking lot!

## 2009 - Charles Darwin and Nash (Hall)

(from David L. G. Noakes, a.k.a. the Peripatetic Professor—see page 19)

Next time you enter Nash Hall, stop and read the dedication plaque on the wall. You will learn some fascinating details about Wallis Nash (August 16, 1837–March 13, 1926), his connection to Oregon State University, and his connection to Charles Darwin. You will understand why it was appropriate for the Department of Fisheries and Wildlife to host a special Darwin lecture by Michael Ruse in November 2009.

Dr. Michael Ruse of Florida State University visited the Department of Fisheries and Wildlife and gave an invited lecture in the Stream Team seminar series on November 30. Michael is the leading scholar on the history and philosophy of biology, particularly Darwin and evolutionary biology. He is the founding Editor of the journal, *Biology and Philosophy*, and has published numerous books and articles in that area.

Michael gave an invited lecture “The Origin of Species at 150: Is it past its Sell-By Date?”, timed to coincide as closely as possible with the publication of *The Origin of Species* by Charles Darwin 150 years ago. The lecture was a huge success—Withycome

Auditorium was full to overflowing, and the audience stayed well after the end of the talk asking questions,

The year 2009 is notable, as it marks the 200<sup>th</sup> anniversary of the birth of Charles Darwin (February 9, 2009) as well as the 150<sup>th</sup> anniversary of the publication of his best-known book (November 24, 2009). This year also coincides with the 150<sup>th</sup> anniversary of the admission of Oregon as the 33<sup>rd</sup> state of the United States (February 14, 1859). Darwin's work and his lasting influence on science and society require little elaboration, especially in 2009. What is not so well known, and what does deserve our attention, is the connection to Nash Hall and the Department of Fisheries and Wildlife.

**ed note:** for those of you who can't easily get to Nash Hall, here is the connection: Wallis Nash was a British barrister (lawyer), who came to Oregon to live in 1879. His good friend and neighbor in his home town of Downe, England was Charles Darwin. Darwin was also a client of Nash, as were many other prominent citizens. Nash was named to the first Board of Regents of Oregon Agricultural College and served from 1884 to 1898. As Secretary of the Board he was quite influential in the development of the College.

## From the Mailbag

**Tom McClain, '69** writes from Alaska: After 4-1/2 years with the USFWS (and 4-1/2 winters in Fairbanks) I have decided to retire from Federal employment. My last day with the USFWS is July 31. Diane and I are relocating to the Kenai Peninsula where we are having a home built on our property out of Soldotna. We both came to the conclusion that the difference between Soldotna and Fairbanks is only 45° F, but in the dead of winter the difference between 0°F (Soldotna) and -45°F (Fairbanks) is significant! In all seriousness, our time here in Fairbanks has been good. I will miss working with a fine bunch of people and my involvement with the Yukon Panel and the people of the Yukon. I am looking forward to having time to travel, both within Alaska and to visit all of our friends and family in the lower 48. My personal contact information after Aug. 1 will be: P.O. Box 1955 Soldotna, AK 99669 e-mail: thmclain02@yahoo.com

**Don Trethewey, M.S. '70** writes from B.C.: It was certainly an honor to receive the Roland Michener Conservation Award from the Canadian Wildlife Federation (**ed.** see p. 17). I received my B.A. in education (majors in Biology and Geography) from Western Washington University, Bellingham in 1962 and my M.S. from OSU in 1970. I spent from November 1969 to June 1972 as Provincial Fur Management Biologist for the Province of New Brunswick, headquartered in Fredericton. From June 1972 to September 1991, I served as Habitat Assessment Biologist for the Canadian Wildlife Service of Environment Canada, headquartered in Delta, BC. I retired from the employ of the Canadian government in 1991 and moved to Kamloops in 1992 to be able to experience the best stillwater trout fishing in the world right at my back door. The past 17 years in Kamloops, I've been an active member of the Kamloops Flyfishers and the Kamloops & District Fish & Game Association, whose goals are to ensure that our fish and wildlife resources and their habitats are maintained and remain accessible to the public in perpetuity.

**Chris Beatty, M.S. '02**, a student of Judy Li, has returned from a post-doc position in Spain to write: Hi Dan, Just wanted to write and let you know that my job search has yielded positive results: I have just accepted a lecturer position at Santa Clara University in California. It is a teaching-oriented position, but I think the teaching load is such that I can still keep research moving forward. My wife Katie starts a

new job this week with the USDA in Moss Landing, so we should be able to get a house near Santa Cruz together and commute.

While we both would still like to end up in Oregon, we are happy to spend some time in this part of California, and very happy to have jobs in our respective fields in the same place. I am still waiting to hear back from National Geographic on a proposal for research on a dragonfly in California and Oregon for next summer—if this comes through I will have support for field work and the summer off to get field work done, which will be nice.

Your editor received a note of thanks from Judge James Redden for sending him a copy of the N&V honoring **Howard Horton**. “he is a remarkable guy—a scholar and good friend. Pleasure to work (and play) with him”.

Not exactly mailbag, but I ran into **Dave Lundahl '79** in town the other day. Dave went on to get an M.S. in Statistics and a Ph.D. in Food Science. He currently is CEO of InsightsNow!, a market research firm he founded, which is based in Corvallis and does work all over the world. The Portland Business Journal recently recognized InsightsNow! as being the #2 fastest growing company in Oregon, with 538% growth last year. Dave has more than 20 years experience in consumer research and product development, focusing on statistics and business process improvement. Working in management positions for the food industry for many years, Dave also has been an Associate Professor of Food Science at Oregon State University, and has founded two companies.

Sighted in the *Casper Tribune*: Wyoming Game Warden **Daniel Beach '05** chases a sage grouse on a snowmobile and runs it to ground (snow actually) to radio-tag a hen as part of a study to determine habitat use patterns on prairie lands west of Casper. At press time, there was an accompanying video at [www.trib.com/news/state-and-regional/article\\_3dc740a5-127d-56a6-941c-46d2e98ac653.html](http://www.trib.com/news/state-and-regional/article_3dc740a5-127d-56a6-941c-46d2e98ac653.html) (**Ed.** not sure how long it will be available)

**Chris Nelson '55** writes: When I received my fellowship from Art Einarson in 1953, it set the gears in motion to launch me on a career that would eventually take an unexpected direction. I did my Master's study on sage grouse, and helped with the antelope study at Hart Mountain National Antelope

Refuge. I loved the experience and saw this as my career choice.

When I graduated in 1955, there were no jobs open in wildlife research. But I had to feed myself and was planning to marry Ann Walther (class of '56). So I applied for the one job available at the time: Assistant Curator at the Sacramento Junior Museum. The museum exhibited many native animals: a coyote, a porcupine, skunks, etc.—all of these I delighted in handling and explaining their natural histories and characteristics to the public. At some point, I realized that I truly loved teaching about the needs of wildlife and the need for conservation of our natural resources.

I could not resist the offer from the East Bay Regional Park District (located on the east side of San Francisco Bay) to initiate and build a comprehensive Interpretive Department. Retirement came 25 years later, after creating eight Nature Centers, and watching my naturalists and our programs become the envy of many in this wonderful and satisfying profession.

I sincerely believe that I did more for wildlife during those years than I ever could have accomplished as a wildlife biologist. I would encourage students today to evaluate their talents deeply, so that when they go to the “Jobs Board” and their dream job is not there, they will be able to consider other jobs that fit their talents and skills. There are many wildlife photographers, nature writers, zoo employees, conservation society leaders, and yes, nature educators. However, whenever my wife of 53 years and I visit a wildlife refuge, I still can't help but wonder... “What if?”

**Jack Helle, Ph.D '80** sent us this note to express his delight in being named to the Registry of Distinguished Graduates of the Department of Fisheries and Wildlife (see page 11). “My graduate work at OSU, started ten years after I finished my M.S. degree at the University of Idaho, revitalizing my outlook for doing research on Pacific salmon. The association with my major professors, Ray Simon and Jack McIntyre, was especially rewarding. They provided the vision to consider salmon research on a much longer time scale than was the general practice. For example, certain management practices that did not consider conservation genetic principles could have far-reaching implications for future conservation needs of the salmon resources. Also, their advocating for long-term monitoring observations would provide essential information for future fish managers.

I am very grateful to have had the opportunity to

earn a doctorate at OSU. Oregon State University, the Department of Fisheries and Wildlife, and the Cooperative Fisheries Unit provided the ideal situation to inspire and revitalize a career in fisheries science. The staff, facilities, and associations with other graduate students provided a special academic atmosphere. I think often about Professor Warren's inspiring graduate class on Research Perspectives. Graduate students from many other departments at OSU took his classes.

**Jack Briggs '43** wrote: Dan, I was glad to receive a copy of the new “News and Views”. It reminded me how much the Department has grown since 1939–1943, when it was essentially a two-man (R.E. Dimick and Jay Long) operation with about 35 students. The present size of the Department, the broad scope of its teaching and research, and its status as the best Fisheries and Wildlife organization in the U.S. are evidence of enormous progress over the past 60+ years. As one who spent some time in university administration, I suggest that the next step forward should be the organization of a College of Natural Resource Conservation. Of course, the University of Washington has had a College of Fisheries for many years, but I think that OSU could forge ahead on the broader base already established by the present Department. The existing College of Agriculture is founded on enhancing food production. The new college could be founded on the need for conservation of natural resources, i.e., conservation under the philosophy of the wise use of such resources. At the University of South Florida I was responsible for getting organized a Marine Science Institute that grew into a Department of Marine Science, and then into the present College of Marine Science. Sometimes it pays to plan for the next level.

A view from the 50th celebration  
(see also pages 12 & 19)



# Meet the New Faculty

## Brian Sidlauskas



### Brian goes nose-to-nose with a fearsome predator

As the son of a lobsterman and an art teacher, I spent my early years in Salem, Massachusetts, the site of the famous witch trials of 1692. While cruising through the harbor, fishing for yellowtail flounder and splashing through tidepools during those young summers, I developed an intense curiosity about the aquatic biodiversity around me. That curiosity sustains and motivates my work as a systematic ichthyologist; I'm still learning about all the animals that live in the vast waters of our planet and how threads of ecology and evolutionary history connect them together.

I was fortunate to receive training in comparative biology at an early age through a remarkable Waldorf-style school that encouraged me to study nature in outdoor laboratories and at the Museum of Comparative Zoology at Harvard. I still have a drawing made when I was about seven years old, in which I compared the anatomical structure of a whale flipper to that of a human hand! I credit that young experience, combined with extraordinary courses in biology and evolution taught by a Xaverian brother at the Catholic high school I attended, with launching me on my eventual scientific trajectory. I then entered Cornell University with a clear goal of pursuing the organismal sciences and eventually earning a Ph.D.

I can trace the development of my specialty in ichthyology to several fortunate events at Cornell. Perhaps most important was a work-study job as an assistant in the ichthyology collections, during which I learned how to identify fishes, prepare skeletons and maintain biological specimens. I also began to understand that one could actually build a career out of systematics. Now that I'm curating OSU's

collection I plan to offer similar undergraduate experiences as a way of passing on that good fortune. While at Cornell I also came under the guidance of several faculty members and assisted several research projects, including a broad study of the evolution of coloration in zebrafishes in Amy McCune's lab, and studies of sound production in the plainfin midshipman (*Porichthys notatus*) in Andy Bass' lab. An ecological study on fish age and growth after a trophic cascade in a highly eutrophic lake (with Mark Olson) formed my honors thesis and rounded out my undergraduate ichthyological experiences.

After a brief stint as a grants administrator for the US EPA in Washington DC, I entered graduate school in Evolutionary Biology at the University of Chicago, under the guidance of Barry Chernoff and Mark Westneat, the two curators of fishes at the Field Museum. Richard Vari from the Smithsonian was also a crucial committee member and mentor during this work, and he and I maintain a close collaboration today. Data from the museum's collection underpinned essentially all of my thesis work, which dealt with the biodiversity, anatomy, systematics, and evolution of the headstanding tetras of tropical South America (family Anostomidae). Over the course of that project I discovered and named two new species, with more descriptions in progress, reconstructed the first tree-of-life for the family, and inferred how specific anatomical changes may have sparked their eventual morphological diversification. I also helped make new biological collections and assisted with biodiversity surveys in Venezuela and Peru.

My postdoctoral work at the National Evolutionary Synthesis Center in Durham, NC also addressed the biodiversity of tropical fishes using systematics, anatomy, and evolutionary modeling—this time targeting the African distichodontids. This group of fishes is marvelously diverse, and includes tiny insect eaters, big detritivores, top predators, and even species that eat nothing but the fins from other fishes. During this work I traced the origin of their ecological diversity to the evolution of a remarkable new joint in their lower jaws.

Now that I'm here at OSU, I plan to apply systematic techniques to biodiversity questions that are closer to home. There are still unresolved questions about the taxonomy and status of many of Oregon's freshwater fishes, including the daces and



*Sidlauskas (continued from page 8)*

the sculpins. I'm excited to continue the grand tradition of my predecessors Carl Bond and Doug Markle by working out the distinctiveness, relationships, and diversity of the fish fauna in a state that I am now proud to call home. We cannot protect and conserve diversity unless we first recognize biodiversity, and I am particularly interested in using a combination of genetics and anatomy to determine whether some regions of the state harbor cryptic species or lineages of fishes. Of course, I also still hold a deep love for the tropical fishes that have filled my days for so many years, and I will certainly continue my studies of Amazonian and African diversity as time allows. All the resources that I need to complete such work are available in spades in our department, including a wonderful ichthyology collection and an exciting new genetics laboratory that Clint Epps and I are setting up on the second floor of Nash Hall. I'm very much looking forward to future years and future studies here!

I have also started teaching (Ichthyology and Systematics of Fishes), and the dedication, interest, and high level of ability of the department's undergraduate and graduate students have impressed me. There is perhaps no greater joy as a teacher than to interact with students who desire to learn, have clear goals for the future, and plan to use their knowledge

to help build a brighter tomorrow. Teaching in this department has so far invigorated and exhausted me, but on balance I am sustained and energized by the hope that I will make as much of a difference to a few of these students as my mentors did to me.

On a more personal note, I am married to the fabulous Rae Sidlauskas. We met through our shared love of early music (loosely defined as music from Europe pre-1650). We both play the harp, and I also play several historical woodwinds and percussion instruments, while she also sings and plays a medieval version of the guitar called a citole. We are both involved in the living history movement, so on the weekends (or at least on weekends when I'm not prepping ichthyology lectures) one will occasionally find us in historical costume, teaching period dances or performing ancient music. We also both love to cook, and have a new puppy (Parsifal) and kitten (Ermine) that are occupying much of our attention. Any time left over goes to fixing up the beautiful home that we just bought in town.

I'll close by thanking the Fisheries and Wildlife community for welcoming us and making us feel instantly at home. We are falling in love with the Pacific Northwest lifestyle, and my new position here offers all the scientific challenges, educational opportunities, and interaction with outstanding colleagues that I ever desired. I'm glad beyond words to be here.

### **Dana Sanchez**



**Dana readying to radio-track white-tailed deer**

The fact that I became a member of the wildlife profession was a result of fortunate accidents and timely investments of encouragement by my mentors. I was raised in and around San Diego, California and was always fascinated with animals and the outdoors. My Mom raised me, and my paternal grandparents, aunts, uncles, and cousins rounded out my

extended family. My family members pride themselves on being honest and hard-working; however until my generation, nobody had an opportunity to pursue a higher education. Everybody, from family to my teachers, was very supportive of my interest in learning and getting into college. However nobody I knew was aware that my interest in animals could lead to a career besides being a vet. With all due respect for the valuable work done by vets, that just did not fit what was in my head and heart. However, I was interested in many subjects, including history, law, and politics. Family and advisors encouraged me to pursue those interests because those fields of study were traditionally perceived as leading to "legitimate" careers.

I attended Boston University as a double major in History and International Relations and studied abroad for a term in Grenoble, France. I "stopped out" of college for financial reasons. The constant struggle to finance my education made no sense when it had become obvious that my deepest inter-

*(continued on page 10)*

*Sanchez (continued from page 9)*

ests lay elsewhere. Some of the luck to which I alluded came into play thanks to my Dad's persistence in urging me to "just look at the catalog on the plane ride home" from a visit with him in Montana. In paging through UM's catalog I "discovered" the option to pursue a field called wildlife biology. I earned my undergraduate degree in Wildlife Biology with a minor in Communication Studies at the University of Montana. In the midst getting my degree I designed and built a house, foreshadowing the brew of masochism and tenacity that would later carry me into and through my graduate studies. Because of family and work obligations during my undergraduate studies, I had been unable to take the traditional path of gaining field experience via summer jobs. Once I graduated however, I spent more than a year working in seasonal positions to catch up on that aspect. Seasonal jobs in Indiana and Minnesota allowed me to gain experience in a variety of vegetation communities, ecosystems, and management situations that were completely new to me. I worked in environments including lakeshore dunes, sandhill oak savannah, and mesic hardwood forests in the Midwest. I worked on a wide range of organisms. I of course did lots of vegetation sampling, sampled endangered butterflies, mist netted Neotropical migratory songbirds, captured and radiotracked white-tailed deer, handled a bear or two, and had the exquisitely perspective-changing experience of working in a place "owned" by the local wolves. And finally, I got experience working within both state and federal agencies, as well as a private conservation organization doing citizen science.

From those adventures I headed to grad school in Tucson, at the University of Arizona. I had the supreme honor of working with and learning from Paul Krausman. The loss of funding for my intended project on bighorn sheep turned into a fortunate, positive situation. My new circumstances allowed me to teach and to take classes in pedagogy while still getting out into the field to explore potential bias in scat-based indicators of coyote populations. My interest and achievements in teaching were instrumental in opening the next door, which was a University of Idaho Presidential Doctoral Fellowship. The Fellowship allowed me to start on my doctoral research (pygmy rabbits in east central Idaho) while continuing to build skills as an educator. Upon completion I became the second in our family to earn a Ph.D. My only regret is that three family members (grandparents and one uncle) who supported me with their encouragement passed before I could finish that

journey. After finishing grad school I worked in education and outreach in a Conservation District for about a year before getting a fabulous opportunity to join OSU, first as an instructor, and now as an Assistant Professor and Extension Wildlife Specialist.

I am now working to get my research and Extension programs off to a strong start. My split appointment with Extension is really fun: Never did I imagine that I would have an opportunity to hold such an exciting position. Being an Extension specialist has already led to many potential partnerships in both research and outreach. Through my research I will investigate spatial responses, habitat selection, and resource use by mammals. My goal is to evaluate how habitat fragmentation and habitat restoration affect habitat quality and use by native species. I plan to merge traditional ecological studies, data on human land-use and attitudes, and spatial modeling to learn about management risks and opportunities at the human-wildland interface.

Another important aspect of my position is working to achieve what I call "biologist diversity". The natural resource professions, including Fisheries and Wildlife, will need greater workforce diversity to meet the increasingly complex challenges we face in resource management. Diversity is defined by more than just race: Personal identities and perspectives incorporate complex interactions of ethnicity, gender, orientation, culture, and socioeconomic background. Upon being elected as the new president of the European Union, Herman van Rompuy cited the EU's diversity as its wealth. We could say something similar about the many audiences for which we study and manage wildlife and fisheries resources. Although it now includes women, the face of our profession still appears much as it did in the founding years of the field. We are missing out on the skills and unique insights held by many potential colleagues whose identities and life stories do not fit the traditional mold. I am adding my efforts to those of others in our department and in our profession to recruit potential students from a wide range of backgrounds. We also are exploring ways that we might all contribute to mentoring and retaining these colleagues throughout their professional "life cycles". Finally, although I no longer teach on campus, I have had the unique opportunity to create an on-line version of our Field Sampling (FW 255) course. That project is well underway, and I look forward to comparing outcomes achieved by our on-campus and online students. When I am not working, I enjoy listening to music (live is best), reading, gardening, hanging out with my dog, and just getting outside.

## Registry of Distinguished Graduates

A committee of faculty and alumni considered nominations and voted to add the following graduates to the registry:

**John Helle**, B.S. 1958, M.S. 1961, University of Idaho; Ph.D. 1980

Dr. John (Jack) Helle has made a lifelong contribution to fisheries management. In 1960 he accepted a permanent position with the National Marine Fisheries Service at the Auke Bay Laboratory in Juneau. He spent 35 years of his career documenting chum salmon in Alaska and Washington. His early work helped lay the foundation for current salmon fisheries management in Prince William Sound and provided critical baseline data for understanding the effects of the 1964 Alaska earthquake and the Exxon Valdez oil spill. Jack's work on the decline of body size and increased abundance of chum salmon during 1980s and early 1990s caused the North Pacific Anadromous Fish Commission to call for research on carrying capacity in the North Pacific Ocean.

In the 1970s Dr. Helle began to focus on effects of climate variability on the production of salmon. He fostered international collaboration among U.S., Canadian, Japanese, Korean, and Russian scientists to examine the effects of climate change, and worked with state and Canadian biologists on the U.S.-Canada Pacific Salmon Treaty. In 1982, he led the Federal Stock Identification Team in research to distinguish U.S., Canadian, and Russian salmon stocks. Those methods for allocating mixed-stock salmon were crucial for the ratification of the U.S.-Canada Pacific Salmon Treaty in 1986.

Dr. Helle was appointed Program Manager of the Ocean Carrying Capacity Program at the Auke Bay Laboratory in 1996. In 2001 he led the Program in a partnership with Russia and Japan for the Bering Aleutian Salmon International Survey (BASIS), which sought to answer questions about stock-specific distributions of salmon in the epipelagic area of the entire Bering Sea. Jack was then elected chair of BASIS; the findings of the BASIS partnership are now hailed by ecologists and environmental scientists as an important reference for understanding climate change.

In addition to his classic work on salmon, Dr. Helle has published widely on single species life-histories, biological oceanography of the Gulf of Alaska, and the effects of climate change on the Bering Sea. Jack is a past President of the American Institute of Fishery Research Biologists. In 2007 he was awarded NOAA's Distinguished Career Award for 47 years of scientific accomplishments. Jack retired in 2009 after 49 years of federal service.

**Carol Schuler**, B.S. 1981, Eastern Kentucky University; M.S. 1987

Carol was Director of the U.S. Geological Survey Forest and Rangeland Ecosystem Science Center in Corvallis from 2003 to 2009. In this position she led broad research programs that focus on wildlife and habitat issues in aquatic, coastal, forest, and arid-land ecosystems in the West. Many of these research efforts are aimed at understanding the influences of system stressors (e.g., land use, invasive species, fire, and climate change), describing changes across the landscape, and providing the scientific information to Department of the Interior agencies to support land and resource management. Schuler managed and supervised a diverse staff of over 150 employees, including 25 Research Grade scientists, in four field stations in Oregon, Washington, and Idaho.

Prior to her USGS appointment, Schuler worked for more than 18 years for the U.S. Fish and Wildlife Service in Ecological Services, Refuges, and Fisheries programs. She has served in several leadership and management positions in the Pacific Region, including manager of the Willamette Valley National Wildlife Refuge Complex; Ecological Services Supervisor for Oregon, Washington, Idaho, and the Pacific Islands; Supervisor of the Ecological Services and Fisheries programs in the North Pacific Coast and Pacific Islands Ecoregions; Deputy State Supervisor for the Oregon Fish and Wildlife Office; and Environmental Contaminants Specialist for the Oregon Fish and Wildlife Office. Her duties and accomplishments while with the U.S. Fish and Wildlife Service included developing training courses, developing initiatives for addressing conflicts over endangered species, assisting with drafting special rules under the Endangered Species Act, and designing and implementing research on a wide range of topics.

In October of 2009 she was named Assistant Regional Director for Climate Change and Science Application for the Pacific Region of the U.S. Fish and Wildlife Service. In that position she will lead the regional implementation of the Fish and Wildlife Service's effort to respond to unprecedented threats to natural resources posed by climate change. She will oversee the development of a collaborative, landscape-level approach to conservation of fish and wildlife resources in the face of climate change.

*Distinguished grads (continued from page 11)*

**Michael F. Passmore** B.S. 1974, M.S. 1977; Ph.D. 1981, Texas A&M University

Mike has been the Deputy Director of the Environmental Laboratory at the U.S. Army Engineer Research and Development Center in Vicksburg, Mississippi since 2007. He served as Acting Deputy Director from 2005 to 2007 and as Ecological Services Branch Chief from 1996 to 2005. Prior to his work in Vicksburg, from 1980 to 1996 Passmore served as wildlife biologist and Chief, Environmental Resources Branch, for the Corps of Engineers, Walla Walla, Washington. He has authored publications on avian ecology, environmental mitigation, and benefit analysis. He served as associate editor of *The Wildlife Society Bulletin* and as editor of the Biodiversity Working Group for the Wildlife Society. His research expertise includes management and ecology of doves and pigeons, upland game bird population ecology, NEPA applications (including fish and wildlife mitigation), wetland mitigation banking, land use planning, and Endangered Species Act applications. He has held several offices in the National Military Fish and Wildlife Association, and is currently Immediate Past President.

**Winston P. Smith**, B.S. 1971, M.S. 1976, Louisiana State University, Ph.D. 1982

Winston is best known for his work in the Tongass National Forest of Southeast Alaska, where he was a research wildlife biologist with the U.S. Forest Service. His research focused on the population responses of late-seral forest specialists, especially small, endemic mammals, to natural and anthropogenic disturbances. From 1982 to 1989 Dr. Smith served on the faculties of Southeastern Louisiana and Tennessee Tech universities before joining the Forest

Service as a research wildlife biologist. His federal career began at the Southern Research Station at Stoneville, Mississippi; in 1995 he transferred to the Pacific Northwest Research Station in Juneau, and is now stationed in La Grande, Oregon.

His university affiliations and his interest in research have led to his participation as Major or Co-advisor for some 17 M.S. and 2 Ph.D. candidates. He has served professional societies and working groups in numerous roles, including Associate Editor, *Wildlife Society Bulletin* (1998–2000), Chair, Program Committee, American Society of Mammalogists (1996–2004), and the Columbian White-tailed Deer Recovery Team (1979–2004). Dr. Smith has published over 70 scientific journal articles, book chapters, and refereed proceedings of technical meetings. His work on flying squirrels has received international recognition.

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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. With your nomination, please include a cover letter detailing the reasons you feel the candidate has earned this distinction, and supporting documentation such as a CV including degrees earned, where, and when, major positions held, and achievements. Please also include contact information for the person you are nominating. Applications with incomplete materials cannot be considered. 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 and supporting materials to Dan Edge by March 1, 2010.

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## Thank you, Donors

The following individuals and organizations generously supported the Department with donations received between July 1, 2008 and June 30, 2009

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*(continues on page 15)*

## Departmental Scholarship Recipients 2008–2009

### Undergraduate

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

*Jeremiah Leslie*—**Roland E. Dimick** Memorial Scholarship, \$3,000; for a Sophomore who has been in the Department for at least 3 terms; based on Freshman performance; awarded since 1980.

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

*Anna Fausett, Cole Peralto, Ben Mock, Lindsay Smith, and Holly Terlson*—**Henry Mastin** Memorial Scholarships, \$1,200 each; for Freshmen entering the Department; based on scholastic achievement; awarded since 1989.

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

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

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

*Autumn Smith*—**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.

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

*Jodi Reed and Lauren Rodgers*—**Vivian Schriver Thompson** Scholarship, \$2,000 each; E.R. Jackman Foundation, to benefit needy wildlife students; restricted to Oregon residents; awarded since 1995.

*Brett Anderson and Keely Lopez*—**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.

*Chad Marks Fife*—**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*—**Mike and Kay Brown** Scholarships, \$800; for undergraduate students with a major in the College of Forestry, Department of Fisheries and Wildlife, or in Natural Resources; awarded since 1998.

*Kylie Meyer 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.

*Sara Atkins, Jenny Green, Emi Ikeda, and Jodi Reed*—**Chairman's Leadership Award**, \$500 each; for students who demonstrate outstanding leadership; awarded since 2007.

*David Evans*—**Erik Fritzell** Diversity Scholarship, \$1,000; for ethnic minorities; a new award this year.

*Allison Estergaard*—**Howard Horton** Fisheries Management Scholarship, \$500; for students with a career interest in fisheries management, leadership qualities, and volunteer activities; a new award this year.

*Brett Anderson and Kylie Meyer*—**Santiam Fish and Game Association** endowed scholarship fund, \$1,000 each; one to a junior or senior and one to a student with an internship in public education in Linn or Benton County; a new award this year.

### Graduate

*Brooke Penaluna*—**Coombs-Simpson** Memorial Fellowship, \$800; 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.

*Matt Sloat and Shivonne Nesbit*—**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.

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

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

*Melissa Ocana*—**Thomas G. Scott** Achievement

Award, \$2,000; for the Outstanding M.S. student in the Department; awarded since 1993.

*Tracey Momoda, Brooke Penaluna, and Matt Sloat*—**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.

*Tracey Johnson, \$1,057; Adam Weybright, \$756; Alison Dauble, \$1,115; Camille Leblanc, \$600; Erin Kunish, \$1,500; Brett Hanshew, \$1,500, and Tracey Momoda, \$500*—**Henry Mastin** Graduate Fund to assist with expenses for research and travel to professional meetings. Awarded since 1990.

*Matt Sloat and Shivonne Nesbit*—**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.

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

*John McMillan* \$2,000 and *Art Bass* \$1,000—

**Washington County Flyfishers** Scholarship; for students conducting research in freshwater salmonid ecology and management; awarded since 2006.

*Art Bass*—**Neil Armantrout** Graduate Fellowship, \$2,000; for a student conducting research on wild salmon; Awarded since 2008.

*Rachel Crowhurst*—**David B. and Georgia Leupold Marshall** Wildlife Graduate Scholarship, \$1,000; for a graduate student in wildlife; awarded since 2008.

*John McMillan*—**McLoughlin Chapter, Association of Northwest Steelheaders** Graduate Scholarship, \$2,000; for a graduate student studying salmonid ecology; awarded since 2008.

*Alena Pribyl* \$600 and *Ken Currens* \$1,605—**Thomas G. Scott** Publication Fund; to assist students with publication costs. Awarded since 1993. *Shivonne Nesbit*—**Santiam Fish and Game Association** endowed scholarship, \$1,000; preference to residents of Linn or Benton County; a new award this year.

*Melissa Ocana*—**Charles E. Warren** Award for Ecology and Sustainable Societies, \$500; for a student whose research integrates ecology, political economy, and environmental justice in the quest for sustainable relationships between communities and their natural resources; a new award this year.

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## Two new scholarships announced this year

The widow of **Dr. Hari Sethi, Ph.D. '70** has established the Dr. Hari Sethi & Dr. Renuka R. Sethi Graduate Scholarship. This annual scholarship will be awarded on the basis of merit to a graduate student enrolled in either fisheries science or human development and family science. The first award of \$950, given in December 2009, goes to Brooke Penaluna, a Ph.D. candidate in Fisheries Science.

**Bill Morse '42** died on January 1, 2009, at the age of 89. In his estate he endowed two scholarships, in the initial amount of \$1,000 each. They will be awarded for the first time in 2010.

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## Donors (Continued from page 13)

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## KUDOS

(THE FOLLOWING FROM AN AFS PRESS RELEASE)

### OREGON STATE UNIVERSITY PROFESSOR RECEIVES PRESTIGIOUS AWARD

The American Fisheries Society (AFS) presented its Award of Excellence to **Carl B. Schreck** of Oregon State University at its 139<sup>th</sup> Annual Meeting in Nashville, Tennessee, on August 31, 2009. The Award of Excellence is the Society's highest honor and is presented to an AFS member for original and outstanding contributions to fisheries science and aquatic biology.

Dr. Schreck is a professor in the Department of Fisheries and Wildlife at Oregon State University (OSU) and leader of the Oregon Cooperative Fish and Wildlife Research Unit. The letter of nomination, along with several supporting letters from colleagues, students, and supervisors, reflected Schreck's unwavering commitment to fisheries research and the training of the next generation of fisheries scientists. Schreck has received national and international recognition for his research and teaching related to fish physiology. He has made major contributions over the past 35 years in several important areas of fisheries research, including the genetics and physiology of sex determination and sexual maturity for fishes, stress physiology of fishes, fish diseases and the immune system, and the physiology of smolting of Pacific salmonids.

Dr. Schreck also is an expert on the passage of fish through the Columbia River hydroelectric generating systems. He pioneered the use of stress assays to determine the efficacy of barging salmonids downstream vs. passage improvements at dams. He has served as major professor for 50 graduate students and authored or co-authored over 250 refereed publications.

Dr. Schreck has an outstanding service record with professional societies, OSU, and state and



federal agencies. He currently chairs the state of Oregon's Independent Multidisciplinary Science Team for salmon recovery, which is at least a 25% service commitment. He has served as editor, associate editor, or on the editorial board for several international journals. He also has served on numerous professional society committees and scientific review panels. Finally, Dr. Schreck has been the recipient of numerous awards and honors, most recently being presented the Presidential Rank Award at the White House.

**Ed. note:** This brings to four the number of Award of Excellence recipients at OSU (including Pete Doudoroff, John Fryer, and Carl Bond), second only to the University of British Columbia with five. In addition, this year Carl was chosen to give the Howard Bern Lecture at the annual meeting of the Society for Integrative and Comparative Biology, another signal honor.

**Alums as authors:** several of our alums have published books in the last year (and I no doubt have missed some):

**John 'Jack' Briggs '43** published an autobiography titled "A Professorial Life." It is an account of professional and family life that has taken place primarily at seven universities, i.e., Oregon State, Stanford, Florida, British Columbia, Texas, South Florida, and Georgia. He served at South Florida for 26 years beginning in 1964. That time span includes the development of USF from a small undergraduate

school to a major university.

**Fred Guthery '70** received The Wildlife Society's 2009 award for the best book published in 2008: A Primer on Natural Resource Science. Texas A&M University Press.

**Dave Marshall, '50** "Memoirs of a Wildlife Biologist". This is Dave's colorful account of life as a career biologist that provides glimpses into the inner working of the FWS, NWR System and passage of the Endangered Species Act. Interwoven are details of WW II, cars, and airplanes since the 1920's. Alan



Contreras, a Eugene birder had this to say: "Today's mail at my office brought me Dave Marshall's new book. It reached the office early this afternoon and I thought I'd glance into it for a few minutes. After a while my staff started looking at me oddly because I hadn't moved from the same position. Eventually the office closed and I came home. And now, I see that as I set the book down, it is 9:00 p.m. I suppose that I should have dinner.

This book, about Dave's life and his role in the establishment and growth of Oregon's wildlife refuges (and those of the west and indeed the country), is one of the finest nonfiction books I have ever read, about anything, anywhere. And I read a lot of books. Anyone interested in the history of Malheur NWR, of the valley refuges, of the Endangered Species Act, of life in a fire watchtower as a 17-year-old, of early birding in Portland, of birding by bicycle in the Willamette Valley in the late 1930s, of the extraordinary experiences of an 18-year-old birder-kid dropped into the closing years of World War II, should read this book. It is also so stuffed with humorous and astonishing anecdotes that you will absolutely fall from your chair—I will mention only the discovery of Nixon's Secretary of Defense prowling a marsh all by himself (a secret birder) and Dave keeping two Sandhill Cranes in the pilot's lounge of the Anchorage airport overnight. This is an historical event, not just a publication."

As a columnist for the Tri-City Herald since 1998, **Dennis Dauble, '72, Ph.D. '88** has written columns about Columbia Basin fish species that mix science, history and how to catch them along with touches of humor that friends and co-workers call "Daubleisms." Now the recently retired Pacific Northwest National Laboratory fisheries biologist has used that unique mix of skills and knowledge to write *Fishes of the Columbia Basin*, which he describes simply as a guide for "the fisherman who wants to know more about fishes.", specifically, the more than 60 species of fish to be found in the Columbia Basin. Dauble, retired in June after more than 35 years at PNNL as a researcher and manager.

(the following came from the Internet:—there are nearly 2,000 entries for this amazing find):

Used to long days in a quiet forest doing research, **Katie Moriarty's, M.S. '09** world quickly changed in February when one of her remote cameras captured an unexpected image that rocked the scientific world. A master's candidate at Oregon State University studying pine martens at Sagehen

Creek Field Station north of Truckee, Moriarty recalled last week that she was sorting images from a field camera when she came across one that carried a sticky note from an employee saying, "I don't know what this is." "I looked at it a long time and decided it could only be one thing," Moriarty said of the fateful photo. Then chaos ensued. What turned up in the picture was a wolverine, not documented in California for 82 years.

At the year-end College of Ag Sciences Celebration of Student Excellence in May, the same **Katie Moriarty** won the Savery Outstanding M.S. Student Award (and see below). **Karl Fairchild, Betsy Glenn, and Keely Lopez** were inducted into the Registry of Distinguished Students.

The Fish & Wildlife Club received the Ag Exec Club of the Year for the second year in the row! That is a first. They have won 4 of the 9 times the award has been given.

The Wings Across the Americas Research and Partnership Award is given annually by the Washington, D.C., headquarters of the USDA Forest Service to recognize scientists whose work emphasizes a strong partnership between research and management to improve the status of a bird species or community of bird species. **Eric Forsman, '72, M.S. '76, Ph.D. '80** received an award this year in recognition of his efforts to protect the Northern Spotted Owl. Also cited in the award notice were faculty members **Bob Anthony** and **Katie Dugger**. In addition, Senior Faculty Research Assistant **Kim Nelson M.S. '89** was cited for her work with the Marbled Murrelet.

**Chris Nelson M.S. '55**, retired interpreter with East Bay Regional Parks (across the bay from San Francisco), was the recipient of the National Association for Interpretation (NAI) *Outstanding Senior/Retired Interpreter Award* for 2008. It is presented annually to an NAI member and lifelong interpreter who has dedicated his or her career to interpretation.

At the 2009 national TWS meeting in Monterey there was a tie for first place in the Best Student Paper Category. Congratulations to our winner, **Katie Moriarty**, whose presentation was entitled "American marten distributions over a 30-year period: the effect of landscape change within Sagehen Creek Experimental Forest, USA".

**Don Trethewey, M.S. '70** from Kamloops, British Columbia has been awarded the Canadian Wildlife

(continues on page 18)

Federation's Roland Michener Conservation Award.

The citation read, in part:

Trethewey has invested his life in conservation, wildlife and the outdoors. Starting out as a habitat assessment biologist, he grew to have a clear understanding of wildlife functions and requirements. From there he became a member of the Kamloops & District Fish & Game Association, the Shuswap regional BC Wildlife Federation president, and is currently the vice-president. As a lifelong angler and conservationist, Trethewey is one of the most active individuals concerning environmental issues in his region and an asset to Canadian wildlife.

The Roland Michener Conservation Award was established in 1978 by the Canadian Wildlife Federation as a tribute to the former governor general of Canada, the Right Honourable Roland Michener, an outstanding outdoorsperson and past honorary president of the Federation.

Sighted in Antarctica: **Noah Stryker, '08. Addicted to birds: Oregonian chases passion, penguins, in Antarctica** (from an article in the *Portland Oregonian*, Jan. 15, 2009) Oregon State graduate Noah Strycker, from Creswell, Ore., is studying Adelie penguins in Antarctica. Noah spends his nights sleeping in a tent above an ice-covered valley, or, if winds top 50 mph, in a 10-by-20-foot wooden hut. He spends his days wandering among Adelie penguins for six hours at a stretch, wearing a 40-pound backpack. He's paid \$1,500 a month with nowhere to spend it. And he is ecstatic.

Strycker, who was chosen from among 100 applicants, is in the midst of a three-month stint at Cape Crozier, the most easterly point of Ross Island in Antarctica's Ross Sea, as an intern in the PenguinScience program. The project, paid for by the National Science Foundation for the past 12 years, compares today's Ross Sea penguin colonies with colonies from the 1960s and '70s in an effort to understand the effects of changes in ice conditions and prey stemming from climate variations and competition for food.

Associate Professor **John Loegering, Ph.D. '98**, who teaches in the Natural Resources Department at the University of Minnesota, Crookston is a 2009 recipient of the prestigious Horace T. Morse—University of Minnesota Alumni Association Award for Outstanding Contributions to Undergraduate Education. Loegering has a unique teaching appointment that includes a 50% joint appointment on the St. Paul campus that focuses primarily on outreach and

research. Loegering currently serves as advisor to the Student Chapter of The Wildlife Society, a group he helped organize when he arrived on the Crookston campus in 2000. He received the Outstanding Service Award from the Minnesota Chapter of The Wildlife Society in 2008 and is the organization's current president.

Ever since the 1989 oil spill occurred in Prince William Sound, University of Alaska Professor **Rick Steiner M.S. '79**, has intensively monitored conservation issues relating to the Exxon Valdez. On March 23, 2009 he and Public Employees for Environmental Responsibility (PEER) jointly sent a letter to both U.S. Attorney General Eric Holder and Alaska Acting Attorney General Richard Svobodny asking them to act immediately to collect the overdue claim of \$100 million in damages. In August 2006 the federal and state governments had jointly submitted a demand for ExxonMobil to pay \$92 million, together with a restoration plan, but neither the Bush nor the Palin administrations took any action to collect. Good going, Rick.

Again this fall, our faculty came home with a lion's share of Awards from the College of Ag Sciences, taking 4 of 11. Our winners: **Bob Anthony**—Distinguished Faculty, **Tom Whittier**—Faculty Research Assistant Award, **Jane Toliver**—Classified Employee Award. The Oldfield/E.R. Jackman Award for an outstanding team went to the **Collaborative Research for Oregon Ocean Salmon Project** at the Hatfield Marine Science Center.

Other recognition and professional service of our faculty during the past year:

**Bob Anthony**, Aldo Leopold Award Committee, The Wildlife Society

**Bruce Dugger**, Associate Editor, *The Journal of Wildlife Management*; Editorial Board, *Waterfowl*, Member International Recovery Team for Brazilian Mergansers, and Pacific Flyway Council Waterfowl Technical Committee.

**Katie Dugger**, Board of Directors, Cooper Ornithological Society

**Dan Edge**, Vice-Chair, Oregon Fish and Wildlife Commission; President, Association of Fish and Wildlife University Programs; Executive Committee, Section on Fish and Wildlife Resources, Association of Public and Land-Grant Universities; Member, Fish and Wildlife Subcommittee, Governor's Task Force

on Climate Change; Member, Oregon Federal Forestlands Advisory Committee.

**Tiffany Garcia**, Treasurer and Executive Board Member, Society of Northwestern Vertebrate Biologists

**Guillermo Giannico**, Member, Oregon Plan Monitoring Team

**Susan Haig**, Associate Editor, *Conservation Biology*; Editorial Board, *Conservation Genetics*

**Scott Heppell**, Member ODFW Nearshore Advisory Council

**Selina Heppell**, Visiting Scholar, Duke Marine Laboratory; Subject Matter Editor, *Ecological Applications*; Member, National Research Council Ocean Studies Board, Panel on Sea Turtle Assessment Models; Member, Scientific and Technical Advisory Committee, Oregon Ocean Policy Advisory Council; Member, Science and Statistical Committee, Pacific Fishery Management Council; Board of Directors, Pacific Marine Conservation Council; Member, IUCN Marine Turtle Specialists Group; Member, Science Advisory Team, Communication Partnership for Science and the Sea

**Alan Herlihy and Bob Hughes**, Scientific and Technological Achievement Award, US EPA

**Bob Hughes**, Fulbright Scholar, Brazil; Member, Oregon Independent Multidisciplinary Science Team; Editorial Board, *Hidrobiologia* (Romanian Society of Limnology)

**Pat Kennedy**, Board of Directors, Cooper Ornithological Society

**Judith Li**, Distinguished Service Award, North American Benthological Society

**David Noakes**, Editor-in Chief, *Environmental Biology of Fishes*; Editor, *Fish & Fisheries* (monograph series); Editorial Board, *Journal of Science, Technology, and Humanities*, Thailand; Advisory Board, Pakistan Academy of Sciences

**Doug Robinson**, Associate Editor, *Avian Ecology and Conservation*; Associate Editor, *Journal of Neotropical Ornithology*; Handling Editor, *Oecologia*; Editorial Board, *The Open Ornithology Journal*

**Dan Roby**, Fellow, American Ornithologists' Union

**Carl Schreck**, Chair, Oregon Independent Multidisciplinary Science Team

**Ed.**(I'm sure there are some that I didn't hear about)

Your editor is proposing a new award this year, **The Peripatetic Professor**. Our own **David Noakes** is the hands down winner for 2009 for the following travels in the last year:

**Berlin** November 2009 Fish ecology and evolution; **Wuhan, China** October 2009 International Sturgeon Symposium; **Amsterdam** July 2009, editor's conference, Springer Academic Publishers (*Environmental Biology of Fishes*; *Fish & Fisheries*); **Oxford, England** July 2009 Animal Behaviour Research Group; **Cambridge, England** Darwin Exhibition, Fitzwilliam Museum; **Stirling, Scotland** June 2009 International Charr Symposium; **Thailand** March 2009, Burapha University, doctoral student Advisory Committee (and I have been assured that no state dollars were harmed in the execution of this travel)

#### More views from the 50th



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