



Department of Fisheries and Wildlife

Oregon State University, 104 Nash Hall, Corvallis, Oregon 97331-3803

T 541.737.4531 | F 541.737.3590 | fw.oregonstate.edu

INFORMATION FOR APPLICANTS TO THE GRADUATE PROGRAM

Revised 2/07

In order to gain admission to Graduate School, you will need to file an application with the Office of Admissions. Materials to be sent to Admissions include: (1) original and two copies of the application form (if you choose the online application you do not need to make copies); (2) three photocopies of all original transcripts from each college attended; (3) two copies of the applicant's statement of interest (if you use the online application this is included so no copies are necessary). Items to be sent directly to the Department of Fisheries and Wildlife are three professional letters of recommendation. The request form for these is attached. The application fee is \$50. International applicants must also send (1) a certified English translation of their academic transcripts; (2) two photocopies of their TOEFL scores; (3) the financial certificate and bank statements to the Office of Admissions. The academic code for Fisheries Science is 1300 and Wildlife Science is 1750.

Graduate Record Exam scores are required for admission to the Department of Fisheries and Wildlife. The subject test is not required, but will be used in evaluation of the applicant if submitted. The GRE university code for OSU is 4586. The GRE code for Fisheries Science is 0106 and 0115 for Wildlife Science. Scores are accessed by our head advisor from the OSU database system.

Guidelines for admission are a minimum 3.0 combined GPA on the last 90 quarter hours of undergraduate work and any credits taken as a post-bac, GRE scores in the upper 50th percentile, and a university degree in a biological field. Only students who have completed a research thesis as part of their master's program are eligible for admission to the Ph.D. program. A substantial part of the thesis (Master's or Ph.D.) must involve original and creative work which could be analyses done after the student is admitted to this department. Our Master of Agriculture degree is a terminal degree in this department but may not be for other universities.

If the department approves your application and accepts you, your application will be forwarded to the University Graduate Admissions Committee and the Dean of Graduate School for review. We are not able to accept all qualified students. Our acceptance rate is about 20%. Graduate students are not admitted to this department unless a faculty member has agreed to serve as major professor. We recommend you receive a statement of interest from a faculty member before you apply for graduate school but it is not required. If you contact faculty members by email, make sure to attach your transcripts, GRE scores, a resume, statement of objectives, and a cover letter. If your application package has already been submitted then make sure to let them know.

In order for your application to be considered for Fall term admission, the COMPLETED application should reach the Office of Admissions by March 15, for Winter term by September 15, and for Spring term December 15. (A completed application includes all materials listed in paragraphs 1 and 2. Applications should be initiated at least 90 days prior to the above dates.) Target date for Departmental action on applications is approximately one month after the above dates; notification of action by this Department may be from one to two months or more after the target date, depending on the term. You will be notified directly by the Admissions Office of the final and official action taken on your application for admission.

The roster of the Graduate Faculty gives some indication of the diversity of the departmental research program. From time to time there are a small number of openings for research assistants in nearly all of the areas listed, although it is not always possible to forecast these openings very far in the future. The stipend on research assistantships is currently \$1543 for beginning M.S. student for half-time work on a 12-month basis. Thereafter the stipends increase according to degree level and availability of funding for half-time work on a 12-month basis. Graduate Research Assistants pay fees of \$441 per term for 2006-07. The half-time work is directly associated with their thesis research. Ordinarily no other service to the department is expected of Graduate Research Assistants.

Further questions about your application should be referred to Nancy Allen, Head Advisor, Dept. of Fisheries and Wildlife, Oregon State University, Corvallis, OR 97331, 541-737-1941, nancy.allen@oregonstate.edu.

OREGON STATE UNIVERSITY
Department of Fisheries and Wildlife

Departmental “Core” Graduate Faculty

Revised 9/06

These faculty may teach graduate courses, advise graduate students, and serve on committees.

Robert G. Anthony, Professor of Wildlife Ecology; Program Leader, Cooperative Fish & Wildlife Research Unit

Wildlife ecology; population analysis; environmental contaminants
Nash 136; (541) 737-1954; robert.anthony@oregonstate.edu

C. Scott Baker, Associate Professor of Fisheries and Wildlife, and Associate Director, Marine Mammal Program

Molecular ecology of whales, dolphins and porpoises; historical demography and population dynamics of whales; molecular taxonomy; conservation genetics; molecular monitoring of wildlife and fisheries markets
HMSC; (541) 867-0255; scott.baker@oregonstate.edu

Michael A. Banks, Assistant Professor of Fisheries

Genetic characterization of natural populations; fishery subjects and aquacultural species
Hatfield Marine Science Center, Newport; (541) 867-0420; michael.banks@oregonstate.edu

George W. Boehlert, Professor of Fisheries, Director of Hatfield Marine Science Center

Fisheries oceanography; ecology of early life history stages in fishes; ecology of isolated oceanic islands and seamounts; fish reproduction and growth
Hatfield Marine Science Center, Newport; (541) 867-0211; george.boehlert@oregonstate.edu

Mark Camara, Assistant Professor of Fisheries, USDA/ARS- Hatfield Marine Science Center

Quantitative and molecular genetics of shellfish; genetic analysis of life history traits
HMSC, (541) 867-0296; mark.camara@oregonstate.edu

Bruce E. Coblentz, Professor of Wildlife Ecology

Ecology of big game; behavior, biology, and control of exotic animals
Nash 158; (541) 737-1959; bruce.coblentz@oregonstate.edu

Sandra DeBano, Assistant Professor

Riparian ecology and entomology; aquatic-terrestrial and riparian-upland linkages; trophic interactions
Hermiston Agricultural Research & Extension Center; (541) 567-6337;
sandy.debano@oregonstate.edu

Bruce Dugger, Assistant Professor of Wildlife Ecology

Ecology, conservation, and management of waterbirds and their wetland habitats
Nash 166; (541) 737-2465; bruce.dugger@oregonstate.edu

Katie M. Dugger, Assistant Professor of Wildlife Ecology

Avian population modeling; forest bird survival rates in relation to environmental variables

Nash 034; (541) 737-2473; katie.dugger@oregonstate.edu

Jason B. Dunham, Research Ecologist

Landscape ecology of aquatic ecosystems, conservation biology of focal species, ecology of natural disturbance, biological invasions, monitoring

USGS FRESA Corvallis Research Group (541) 750-7397; jdunham@usgs.gov

W. Daniel Edge, Department Head & Professor of Wildlife Ecology

Nongame wildlife; habitat management; wildlife relationships in forest and agricultural ecosystems

Nash 104C; (541) 737-2910; daniel.edge@oregonstate.edu

Mary Jesse Ford, Associate Professor of Fisheries

Paleoecology; limnology

Weniger 451; (541) 737-1960; Jesse.Ford@oregonstate.edu

Eric D. Forsman, Assistant Professor of Wildlife Ecology, PNW, Forest Sciences Laboratory, U.S. Forest Service

Spotted owls and other forest wildlife

Forestry Sciences Laboratory; (541) 750-7266; eforsman@fs.fed.us

Tiffany Garcia, Assistant Professor of Wildlife

Amphibian population decline; animal behavior; freshwater community ecology;

Nash 122; tiffany.garcia@oregonstate.edu

Stanley V. Gregory, Professor of Fisheries

Stream ecology; riparian ecology; trophic interactions

Nash 116; (541) 737-1951; stanley.gregory@oregonstate.edu

Guillermo R. Giannico, Assistant Professor of Fisheries, Fisheries Extension Specialist

Fish ecology and biology, animal behavior, aquatic ecology, limnology, water resources management, fish habitat rehabilitation and conservation, riparian community dynamics

Nash 114; (541) 737-2479; guillermo.giannico@oregonstate.edu

Susan M. Haig, Associate Professor of Wildlife Ecology; Forest & Rangeland Ecosystem Science Center, U.S. Geological Survey

Conservation genetics and avian behavioral ecology

Forestry Sciences Laboratory; (541) 750-7482; sue.haig@oregonstate.edu

Scott A. Heppell, Assistant Professor of Fisheries

Physiological ecology of fish; reproductive life-history of marine fish and the impacts that different strategies have on the ability of populations to sustain exploitation

Nash 042; (541) 737-1086; scott.heppell@oregonstate.edu

Selina S. Heppell, Assistant Professor of Fisheries

Marine fish population ecology; life history and population dynamics of marine fish; sea Turtles; impacts of invasive species on native populations and communities
Nash 126; (541) 737-4531; selina.heppell@oregonstate.edu

Alan T. Herlihy, Associate Professor (Sr. Research) of Fisheries, Environmental Protection Agency

Large-scale aquatic ecology; biogeochemistry; quantifying aquatic effects of anthropogenic disturbances; developing survey approaches and indicators for monitoring the ecological condition of aquatic systems
(541) 754-4442; alan.herlihy@oregonstate.edu

Markus Horning, Assistant Professor of Fisheries & Wildlife

Pinniped ecology; behavioral physiology and ecology of diving animals; population dynamics and life histories of marine mammals; development and application of technologies and experimental designs to address issues related to conservation and management of marine living resources. HMSC – RSF 178; (541) 867-0270; markus.horning@oregonstate.edu

Sherrie Johnson, Assistant Professor of Fisheries

(541) 758-7771; sherrie.johnson@oregonstate.edu

Phillip R. Kaufmann, U.S. Environmental Protection Agency

Geomorphic and human influences on physical aspects of aquatic habitat; assessment of anthropogenic effects on stream habitat and biota; hydraulic characteristics of stream channels
USEPA, 200 SW 35th St., Corvallis; (541) 754-4451; kaufmann.phil@epa.gov

Patricia Kennedy, Associate Professor of Wildlife

Wildlife ecology and management; problems associated with private and public land management and the ecological impact of agricultural practices on the environment
Eastern Oregon Agricultural Research Center, Union Experiment Station, P.O. Box E, Union, OR 97883; (541) 562-5129; pat.kennedy@oregonstate.edu

Michael L. Kent, Adjunct Professor of Microbiology & Fisheries; Director, Center for Salmon Disease Research

Fish disease; parasitology
Nash 532, Salmon Disease Lab; (541) 737-5088; michael.kent@oregonstate.edu

Robert T. Lackey, Professor of Fisheries, U.S. Environmental Protection Agency

Ecosystem management; ecological risk assessment; ecological policy
EPA Environmental Research Laboratory; (541) 754-4601; lackey.robert@epamail.epa.gov

Dixon H. Landers, Associate Professor of Fisheries, U.S. Environmental Protection Agency

Limnology
EPA, Jefferson St. Bldg.; (541) 754-4427; landers@heart.cor.epa.gov

Christopher J. Langdon, Professor of Fisheries

Molluscan aquaculture; invertebrate physiology and biochemistry
Hatfield Marine Science Center, Newport; (541) 867-0231; chris.langdon@oregonstate.edu

Hiram W. Li, Professor of Fisheries, Assistant Program Leader, Cooperative Fish & Wildlife Research Unit
Fish behavior, freshwater fish ecology, energetics
Nash 176; (541) 737-1963; hiram.li@oregonstate.edu

Judith L. Li, Associate Professor of Fisheries
Stream ecology, aquatic invertebrates, trophic interactions in streams
Nash 040; (541) 737-1093; judith.li@oregonstate.edu

Douglas F. Markle, Professor of Fisheries
Fish systematics, fisheries ecology and recruitment
Nash 028; (541) 737-1970; douglas.markle@oregonstate.edu

Bruce Mate, Professor of Oceanography and Wildlife
Marine mammals
Hatfield Marine Science Center, Newport; (541) 867-0202; bruce.mate@oregonstate.edu

Jessica Miller, Assistant Professor of Marine Fisheries Ecology
Ecology of marine and anadromous fishes, fisheries biology, early life history, larval dispersal
Hatfield Marine Science Center, Newport; (541) 867-0381; Jessica.miller@oregonstate.edu

David Noakes, Senior Scientist for the Hatchery Research Center
Behavior, ecology and evolution of fishes, early development and social behavior, aquaculture,
and genetics.
Nash 120; (541) 737-1953; Hatchery (541) 487-5513; David.noakes@oregonstate.edu

Gail Olson, Assistant Professor of Wildlife Ecology
Population dynamics, parameter estimation and modeling; small/medium mammal
population ecology
Nash 118; (541) 737-7625; gail.olson@oregonstate.edu

Jennifer Orme-Zavaleta, Assistant Professor of Wildlife, U.S. Environmental Protection Agency
Ecological risk assessment; qualitative community modeling; emerging infectious diseases.
EPA, Jefferson St. Bldg.; (541) 754-4602; orme-zavaleta.jennifer@epa.gov

Gordon H. Reeves, Assistant Professor of Fisheries, PNW Forest Sciences Laboratory,
U.S. Forest Service
Ecology of anadromous salmonids, stream habitat
FSL, 280W; (541) 750-7314; gordon.reeves@oregonstate.edu

Paul Reno, Adjunct Associate Professor of Microbiology and Fisheries, Department of Microbiology
Fish microbiology
Hatfield Marine Science Center, Newport; (541) 867-0147; paul.reno@oregonstate.edu

Daniel D. Roby, Associate Professor of Wildlife Ecology; Assistant Leader, Cooperative Fish &
Wildlife Research Unit
Physiological ecology; energetics of birds and mammals; seabird ecology
Nash 130; (541) 737-1955; daniel.roby@oregonstate.edu

W. Douglas Robinson, Assistant Professor of Wildlife Ecology

Arid land ecology; community ecology; temperate and tropical forest birds; community dynamics in fragmented landscapes

Nash 140; (541) 737-2478; douglas.robinson@oregonstate.edu

Tara Rodden-Robinson, Assistant Professor of Wildlife Ecology

Influence of human activities on bird populations

Nash 036; (541) 737-9501; tara.robinson@oregonstate.edu

Philippe A. Rossignol, Professor

Mathematical ecological theory and applications in public health and fisheries

Nash 168; (541) 737-5509; phil.rossignol@oregonstate.edu

David B. Sampson, Professor of Fisheries

Marine fisheries; stock assessment methods; bioeconomic models of fisheries

Hatfield Marine Science Center, Newport; (541) 867-0204; david.sampson@oregonstate.edu

Carl B. Schreck, Professor of Fisheries, Program Leader, Cooperative Fish & Wildlife Research Unit

Fishery biology, physiology of fish, genetics, environmental physiology, and aquaculture

Nash 170; (541) 737-1961; carl.schreck@oregonstate.edu

Barbara A. Shields, Assistant Professor of Fisheries

Conservation genetics of endangered species and exploited stocks; stock

Identification; life history of salmonids; novel approach to sea lamprey control

Nash 172; (541) 737-1939; barbara.shields@oregonstate.edu

Courtland L. Smith, Adjunct Professor of Anthropology & Fisheries, Dept. of Anthropology

Fishery management; socioeconomics

Waldo 210; (541) 737-3858; courtland.smith@oregonstate.edu

Grant G. Thompson, Assistant Professor of Fisheries, National Marine Fisheries Service

Marine fish stock assessment and fishery harvest theory; statistical methodology, risk analysis, precautionary approaches, and prevention of overfishing

Nash 132; (541) 737-9318; grant.thompson@noaa.gov

David Wooster, Assistant Professor and Riparian Ecologist

Riparian and aquatic ecology and entomology; biological monitoring and assessment; trophic interactions; aquatic-riparian-upland linkages.

Hermiston Agricultural Research and Extension Center; (541) 567-6337;

david.wooster@oregonstate.edu



**OREGON
STATE
UNIVERSITY**

104 Nash Hall
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Telephone
541.737.1938

Fax
541.737.3590

RECOMMENDATION LETTERS

In accordance to the amendments of the Family Educational Rights and Privacy Act of 1974, you are now required to fill out a Student Recommendation Request form and should request that it be attached to each letter of recommendation sent to us. Please fill out the enclosed forms and give one to each person writing a letter of recommendation for you. Be sure to check “confidential” or “not confidential” on the form. We feel it would be to your benefit to have confidential recommendations. However, be aware that you then waive all rights to see those letters.

STUDENT RECOMMENDATION REQUEST

The undersigned student requests that a form or a letter of recommendation be written.

TO: Name W. Daniel Edge

DATE: _____

BY: Name _____

DEPARTMENT OF FISHERIES &
WILDLIFE
104 NASH HALL
OREGON STATE UNIVERSITY
CORVALLIS, OR 97331-3803

ADDRESS: _____

The letter will conform to the following statement: (Please check ONE)

The letter is to treated as confidential by both writer and recipient institution.

The letter is not confidential and should be treated as non-confidential by both writer and recipient institution

STUDENT'S

Name: _____

STUDENT'S

Address: _____

SIGNATURE _____

This form applies to recommendations in the areas of admissions, job placement, and receipt of awards, only.

STUDENT RECOMMENDATION REQUEST

The undersigned student requests that a form or a letter of recommendation be written.

TO: Name W. Daniel Edge

DATE: _____

BY: Name _____

DEPARTMENT OF FISHERIES &
WILDLIFE
104 NASH HALL
OREGON STATE UNIVERSITY
CORVALLIS, OR 97331-3803

ADDRESS: _____

The letter will conform to the following statement: (Please check ONE)

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