

Fisheries and Wildlife Program News

Department and Program Information and Faculty Achievements

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Dr. James Oblinger named NC State's 13th Chancellor

Dr. James L. Oblinger has been named chancellor of North Carolina State University, effective January 1, 2005. For nearly 20 years, Dr. Oblinger has served in various capacities at NC State including dean and executive director for agricultural programs of the College of Agriculture and Life Sciences, provost, and executive vice chancellor. Dr. Oblinger is a tenured professor in the Department of Food Science. He earned a B.S. degree in bacteriology at DePauw University (1967), and both M.S. (1970) and Ph.D. (1972) degrees in food technology at Iowa State University.

Dr. Larry Nielsen named interim Provost

Effective January 1, 2005, **Dr. Larry Nielsen**, Dean of the College of Natural Resources was named interim Provost and Executive Vice Chancellor for Academic Affairs.

Dr. Nielsen will hold the position until a permanent Provost is appointed. As provost, Dr. Nielsen will be responsible for advancing the university's academic mission and setting the university's academic agenda. He earned an undergraduate degree from the University of Illinois (1970), a M.S. degree from the University of Missouri (1974), and a Ph.D. degree in fisheries biology from Cornell University (1978).

Dr. J. B. Jett named acting Dean of the College of Natural Resources

Effective January 1, 2005, **Dr. J. B. Jett**, Associate Dean for Research and Extension, will serve as the acting Dean of the College of Natural Resources. Dr. Jett will hold the position until a permanent Provost is appointed. Dr. Jett earned both a B.S. (1966) and M.S. (1968) from the University of Tennessee, and a Ph.D. from North Carolina State University (1983).

Faculty Retreat to Hofmann Forest

A total of 45 faculty members from the Department of Forestry spent 2 days discussing the Hofmann Forest. Day 1 was spent touring the Hofmann Forest. Faculty members participated in 8 scheduled stops, coordinated by **Dr. Glenn Catts**, each of which outlined a different historical or current management practice employed on the Hofmann Forest. Also, faculty discussed potential research opportunities on the forest. Day 2 was spent synthesizing research and management perspectives of the Hofmann Forest from the faculty. The faculty brainstormed on future research opportunities, discussed collaboration of research, and evaluated the strengths and weaknesses within the Department of Forestry.



*Department of Forestry
retreat to Hofmann
Forest.*

Department of Forestry faculty member listened attentively to **Dr. Phil Doerr** as he explained the role of wildlife on the Hofmann Forest. Photo provided by **Dr. George Hess**.

Drs. Frederick W. Cubbage and Joseph P. Roise receive Fulbright Scholar Grants

Dr. Frederick W. Cubbage, professor of forestry, who taught and performed research on sustainable forest management at the National Institute of Agricultural Research in Tacurembo, Uruguay, and at the National University of Misiones, in Eldorado, Argentina has received a Fulbright Grant. Dr. Cubbage will develop teaching and research programs in forest certification in Latin America and the United States.

Dr. Joseph P. Roise, professor of forestry, who will be working at Simon Fraser University and the University of British Columbia in Vancouver, Canada has received a Fulbright Grant. Dr. Roise's will focus on the development, deployment and evaluation of competitive timber markets in British Columbia. Drs. Cubbage and Roise are among approximately 800 American educators to receive Fulbright grants this year. The Fulbright Scholar Program is sponsored by the United States Department of State.

Drs. Rick Hamilton and Bob Bardon honored

Drs. Rick Hamilton and Bob Bardon were honored by the 2004 Southern Forest Resource Extension Specialists Awards Recognition Program. Their publication entitled "Timber Sales: A Planning Guide for Landowners" was chosen a winner by a review panel of 10 individuals from across the Southern Region. Congratulations, Rick and Bob!

Drs. Michael Stoskopf and Suzanne Kennedy-Stoskopf report from Chiang Mai, Thailand

Drs. Michael Stoskopf and Suzanne Kennedy-Stoskopf are currently on sabbatical in Chiang Mai, Thailand. They have been focusing on elephant management issues, particularly approaches to minimizing the risk of elephant herpes virus cross infection when African elephants are imported to a new night safari in Chiang Mai in the future. Another focus has been on the design of the tuberculosis monitoring programs for the elephants in Northern Thailand. Also, they have consulted on water management as the need to reduce impacts of elephants on Thai rivers and tributaries is being recognized. They are preparing for their upcoming workshop entitled: **"Ecosystem Health: Humans, Livestock and Wildlife, Living in Balance"**, which will be attended by veterinary faculty from all of the veterinary schools of Thailand as well as a good mix of scientists from other disciplines in the university and private sectors. They will travel to Bangkok to provide invited seminars at the Kasetsart University Biotechnology Center entitled: **"Biotechnology and Wildlife Health Management"** where they will report on the work of their graduate students, Drs. Anne Acton, Marta Bull, and Chris Whittier, as well as some of the work of Dr. Craig Harms.

Two NC State University Forestry faculty receive Fulbright Scholar Grants.

Fisheries and Wildlife undergraduate student honored

Cassandra Williams, a Fisheries and Wildlife major, was honored by NC State University as a freshman minority student with a GPA > 3.0 during her first semester. Cassandra completed 19 hours for a GPA of 3.562. Cassandra's course schedule included Chemistry (101 and 101L), Introduction to Academic Writing (Eng 100), Conservation of Natural Resources (FW 221), Pre-Calculus 1 (MA 107), Introduction to University Education (MDS 101D), and Animal Diversity (ZO 150). Congratulations Cassandra!

Four Fisheries and Wildlife undergraduate students received a \$1,000 grant

Four Fisheries and Wildlife undergraduate students received a \$1,000 grant from the College of Natural Resources to study bird behavior at feeders surrounding the Turner House. **Jane Anderson, Gabe Karns, Michael Horne, and Robert Snow** co-authored the Turner House Bird/Bat Research Project Proposal. The objective of the proposal is to evaluate the impact of the Turner House Landscape project on bat and bird use in an urban environment.

Turner House landscape project

The Turner House landscape project made substantial progress December 6-8, 2004. The base for the path was established and the bulk of shrubs and trees were planted. Numerous Fisheries and Wildlife faculty and students participated in the 3-day event. Undergraduate students that participated were **Alison Price, Ed Corey, Jennifer Freeman, Jane Anderson, Stephanie Zolkowski, Kim Jervis, Brandon Bridges, Michael Shepard, Jason Smith, Adam Byrd, Liz Jones, Robert Snow, Tia Herring, and Nicole Fowler**. The grounds will demonstrate how to manage a small urban oasis for wildlife using native plants.

Fisheries and Wildlife Graduate Student successfully passes Ph.D. qualifying exam

On November 9, 2004, **Jonathan Shaw** successfully passed his qualifying exam for Ph.D. candidacy. His Ph.D. research focused on the dispersal behavior of deer before and after quality deer management on Chesapeake Farms on the Eastern Shore of Maryland. Also, Jonathan is conducting DNA analysis to determine how bucks participate in a breeding hierarchy. Jonathan expects to complete his dissertation in May, 2005.

*Undergraduate Fisheries and Wildlife student, **Cassandra Williams**, honored!*

NC Cooperative Fish and Wildlife Research Unit Activities: Read All About It!

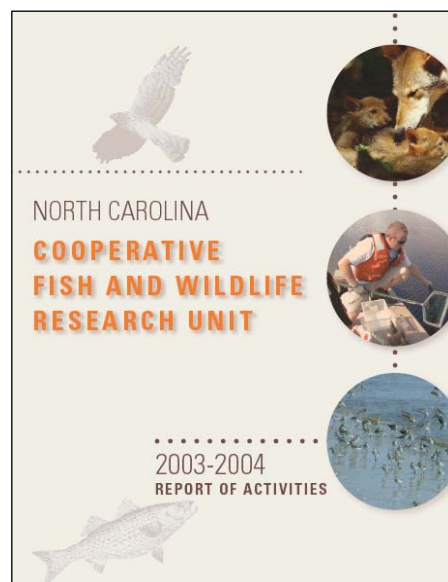
The NC Cooperative Fish and Wildlife Research Unit is an important component of the Fisheries and Wildlife Program at NC State. Housed in the Zoology Department, the Unit is made up of four faculty members, several support staff, and a small army of post-doc, post-master's, and graduate students. **Drs. Tom Kwak** and **Joe Hightower** study topics in fisheries and aquatic science, and **Drs. Jaime Collazo** and **Ted Simons** specialize in terrestrial and avian research issues. The Unit is supported by NC State, the NC Wildlife Resources Commission, U.S. Geological Survey, and Wildlife Management Institute, and interacts closely with other state and federal natural resource agencies.

During the past 2 years, the Unit and cooperators conducted and facilitated 60 research projects, of which 43 were conducted directly by Unit scientists, and 17 were undertaken by cooperating faculty at NC State. Many of these projects are collaborative across institutional boundaries to address multidisciplinary research questions and utilize the expertise and knowledge of scientists from a number of departments, colleges, and programs within the University, as well as from cooperating natural resource agencies. Their research includes innovative solutions to traditional fish, wildlife, and natural resource management issues, and spans broadly into the fields of conservation biology, landscape ecology, ecosystem processes, toxicology, and microbiology.

The Unit report includes summaries of research ranging in subject from threatened and endangered invertebrates, fishes, snakes, birds, wolves, and marine mammals; invasive aquatic and terrestrial species; and the effects of anthropogenic inputs and contaminants on aquatic ecosystems; to broad-scale effects of land management, conservation planning, and restoration; quantitative population and community dynamics; and innovative sampling technology and statistical inference of research results. Much of this research includes graduate students; 26 graduate students were advised and mentored by Unit scientists during this period, and 11 have completed their degrees and are pursuing higher degrees or are actively employed in their respective fields.

The report is available upon request. The success to date of the North Carolina Unit is due to strong, synergistic relationships with cooperators, partners, colleagues and friends and they look forward to continuing those associations. Please contact the individual investigator if you would like more information on the research summarized in their report, Tom Kwak, Unit Leader (919-513-2696, tkwak@ncsu.edu), or www2.ncsu.edu/nccoopunit

*NC Cooperative Fish
and Wildlife Research
Unit a success!*



Dr. Dick Lancia attended the Western Section of The Wildlife Society

Dr. Dick Lancia, President of The Wildlife Society, attended the Western Section meeting in Sacramento, California. Dr. Lancia spoke during the Plenary Session on the changes occurring in The Wildlife Society.

Cindy Burke Honored

Cindy Burke, Program Assistant for the Fisheries and Wildlife Program, was awarded the '**Pride of the Wolfpack**' Award. Cindy was presented the award for outstanding service. Cindy has served the University and the Fisheries and Wildlife Program for 2 years. Congratulations Cindy!

Cindy Burke honored with the 'Pride of the Wolfpack' Award!.



Cindy Burke at her desk in the Turner House. Congratulations on your award for outstanding service! Photo provided by **Dr. Phil Doerr**.

Bear Research Fundraising Event a success

Fisheries and Wildlife Ph.D. student, **Tim Langer** and his advisor, **Dr. Phil Doerr** held their third annual bear research fundraising event on November 7, 2004 in Fairfield, North Carolina. Over 225 people attended and enjoyed free food and beverages, including pig, chicken, oysters, shrimp, and all the fixings. There was a raffle, silent, and live auction to raise money for their black bear research. The bear research project will be completed December 31, 2005 and the next fundraising event will be Sunday, November 6, 2005. Tim and Dr. Doerr will present their population estimates for Hyde County and other results. Mark it down on your calendars.

Recent Publications, Reports, Presentations, and Funding

Publications & Reports

Barwick, R.D., **T.J. Kwak**, **R.L. Noble**, and D.H. Barwick. 2004. Fish populations associated with habitat-modified piers and natural woody debris in Piedmont Carolina reservoirs. *North American Journal of Fisheries Management* 24:1120-1133.

Brinkman, T. J., J. A. Jenks, **C. S. DePerno**, and B. S. Haroldson. 2004. *Clostridium perfringens* type A in a free-ranging fawn? *The Prairie Naturalist* 36:181-185

Waters, D.S., **T.J. Kwak**, J.B. Arnott, and W.E. Pine. 2004. Evaluation of stomach tubes and gastric lavage for sampling diets from blue catfish and flathead catfish. *North American Journal of Fisheries Management* 24: 258-261.

Presentations

Burris, B. M., J. A. Jenks, **C. S. DePerno**, C. C. Swanson, and R. W. Klaver. 2004. Seasonal movements of white-tailed deer in eastern South Dakota relative to management unit boundaries. 65th Annual Midwest Fish & Wildlife Conference, Westin Hotel, Indianapolis, Indiana.

DePerno, C. S. 2005. Coyote: behavior and depredation control. Presented to 60 members of the Montgomery County Cattleman's Association, Troy, North Carolina.

Moorman, C. E. 2005. Landscaping for Birds. GlaxoSmithKline WAIT committee, RTP Campus (10 people)

Osborn, R. G., **C. S. DePerno**, B. S. Haroldson, and M. D. Grund. 2004. Gaining public support for urban deer hunts. 65th Annual Midwest Fish and Wildlife Conference, Westin Hotel, Indianapolis, Indiana.

Swanson, C. C., **C. S. DePerno**, J. A. Jenks, B. S. Haroldson, R. G. Osborn, B. M. Burris, and R. W. Klaver. 2004. Seasonal movements of female white-tailed deer in the farmland region of Minnesota. 65th Annual Midwest Fish and Wildlife Conference, Westin Hotel, Indianapolis, Indiana.

*Recent publications,
reports, and
presentations!*

Upcoming Events

Desert Wilderness and African Savanna Study Tour, Namibia, South Africa

Dr. Werner Dörgeloh, a wildlife biologist and visiting Professor will be leading a three week educational tour (May 28, 2005 – June 17, 2005), in conjunction with staff from NC State University, to Namibia (southwest Africa). Dr. Dörgeloh was born and raised in Namibia and has studied and lectured about wildlife management in South Africa for over 20 years. The objective is to expose students to the unique desert and savanna ecosystems, and to experience different wildlife management and conservation challenges, thereby broadening their perspectives and enriching their educational experience.

The cost for the trip is ~\$5000 including airfare. If you are aware of any student that may be interested in attending or if you would like more information on the Namibia trip please contact Dr. Dörgeloh at wgdorgel@unity.ncsu.edu. Details of the trip (including a slide show) can be located at www.cals.ncsu.edu/undergrad/sfw/studytour.html

Desert Wilderness and African Savanna Study Tour, Namibia, South Africa

Upcoming Bear Presentation

Fisheries and Wildlife Ph.D. student, **Tim Langer**, will be presenting information on his black bear research Wednesday, February 23 at 7 pm at the Nature Science Center in Winston-Salem. Tim will be available to answer questions specific to his research and bear questions in general. The presentation is free and open to the public. Plan to show up if you are in the area.

Leopold Wildlife Club

The next meeting for the Leopold Wildlife Club will be Tuesday, February 22, 2005 at 7:00 pm in 2211 Gardner Hall.

Job Opportunities and Scholarships

Please see the NC State Fisheries and Wildlife Sciences website for additional information, current position announcements, scholarship opportunities, and links to job websites.

<http://www.cfr.ncsu.edu/for/fishwildlife/>

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If you have questions, comments, or submissions for the next issue please do not hesitate to contact Chris.

*Please do not hesitate
to contact Chris
with comments or
suggestions.*



Dr. Chris DePerno and future M.S. student, **Stan Hutchens**, evaluating the soils of Bull Neck Swamp in eastern North Carolina!