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NRM Newsletter

Natural Resource Management

Winter 2007

Wildlifer's Log

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South Dakota State University

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South Dakota State University

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South Dakota State University

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Wildlifer's Log

DEPARTMENT OF WILDLIFE & FISHERIES SCIENCES ■ SOUTH DAKOTA STATE UNIVERSITY

Retirement

by **Chuck Scalet**

As many of you know December 31, 2007 was my last day before retirement. I want to take this opportunity to thank all present and past faculty, current students, alumni, and career service personnel for making my 34 years at SDSU such an enjoyable experience. One can talk about bricks and mortar, equipment, courses, etc., but in the long term it is



Chuck Scalet

really only people who count; they are the ones that accomplish the important work of a University and Department.

I feel fortunate to have been associated with all of you – you have and continue to make a difference. I have many fond memories of my time at SDSU and appreciate all you have done to make our program such a success. I will always be proud of the Department accomplishments that you have all contributed so much to, your efforts have made our program what it is, a program recognized at the national/international level for excellence in teaching, research, and service. It seems that one can't go anywhere where the important work of natural resource management is occurring without finding alumni of our program – I love it.

I don't have to ask you to remain supportive of our program as leadership change occurs – I know you will. Again, I sincerely thank all of you for your efforts and contributions.

Willis Named Department Head

Dr. David W. Willis was named the 6th Department Head of Wildlife and Fisheries Sciences in December. A national search was conducted for the position. Dave will start his duties on January 1, 2008.

Dave joined the faculty as an Assistant Professor in 1987. He was named Associate Professor in 1990 and Professor in 1995. He also received the honor of being named Distinguished Professor in 2002.

He brings a wealth of experience in teaching, research, and service to the position. All will be hearing more from Dave in the future.



Department Strategic Planning

With the change in the SDSU presidency and completion of our past strategic plan, a new plan goes into effect in 2008.

The planning process implemented by Dr. Chicoine is quite different from past processes. Therefore, Department faculty worked long and hard to develop a plan in the new format.

As is normally the case in planning, a mission statement was required. However, planning elements involving a vision, guiding values, mandates impacting our unit, a statement of strategic intent, an environmental scan, benchmark analysis, an assessment of our strengths, weaknesses, opportunities, and threats, key strategic issues, stretch ideas, and a resource plan were all new elements that needed to be

developed. In addition, we had to tie our Department Goals and Thrusts (Objectives) to those of the University and the College of Agriculture and Biological Sciences.

If you want to know more about the new Department Strategic Planning Document and what we will be doing between 2008 and 2012, go to our Homepage (<http://wfs.sdstate.edu>) and look at our new plan.

New Department Books

Drs. Dave Willis, Chuck Scalet, and Les Flake had the second edition of their book "Introduction to Wildlife and Fisheries: An Integrated Approach" published in January 2008. The 1st edition was published in 1996. Both were published by Freeman.

Drs. Mike Brown and Chris Guy (one of our alumni) were coeditors of the book "Analysis and Interpretation of Freshwater Fisheries Data". The 2007 book was published by the American Fisheries Society and is 961 pages in length. It is a major contribution to the fisheries field.



Brian Graeb Joins Faculty

Dr. Brian D. S. Graeb joined the Department faculty in July as an Assistant Professor. Brian represents the second new position the Department received in the last two years.

Brian received his B.S. in 1998 from Colorado State University, his M.S. in 2003 from the University of Illinois, and his Ph.D. from SDSU in

2006. Brian is a fisheries scientist of multiple talents who brings numerous added teaching, research, and service components to our Department. Brian considers his major area of expertise to be in fisheries ecology. He brings to the Department a facet of experimental fisheries that we did not possess.

Brian's primary teaching assignment is to team-teach ABS 475-475L Integrated Natural Resource Management every spring, WL 110 Environmental Conservation in fall semesters, and develop a gradu-

ate-level course in his area of specialization. He also has some seminar responsibilities and a portion of WL 220 Introduction to Wildlife and Fisheries in the fall of even numbered years. It is possible his assignment will be modified as change in the fisheries faculty occurs in the next year.

Brian grew up in Wray, Colorado, which is 10 miles west of Nebraska. Brian and his wife Stephanie have three dogs (black lab, red setter, and a Llewellyn setter).

Berry Receives Cooperative Research Unit Service Excellence Award

Dr. Chuck Berry was a 2007 recipient of the Cooperative Research Unit Recognition Award for Service Excellence. He was recognized for his exceptional service and contributions to the program and its cooperators and his service-related involvement in professional societies and community activities. The achievement netted Chuck a recognition plaque and a cash award.



Higgins Receives Award

Dr. Ken Higgins, who retired in 2006 after 40 years of federal service, received a significant award from the North Dakota Chapter of The Wildlife Society. Ken received the 2007 North Dakota Professional Award at the group's

February meeting in Mandan, ND.

The award is presented annually to a wildlife professional who has made an outstanding contribution over the course of their career. Ken certainly fit the bill for that award.

Willis Inducted into Fisheries Management Hall of Excellence

At the September meeting of the American Fisheries Society in San Francisco, Dr. Dave Willis was inducted into the Fisheries Management Section Hall of Excellence. This induction represents the highest honor given by the Section. Dave joins 29 other fisheries biologists in the Hall. The Hall was established to recognize fisheries professionals who have made outstanding contributions to the advancement of fisheries management. Each inductee has a plaque on display with their likeness and highlights of their careers and contributions

to the fisheries management profession. The Hall is housed at the Ak-Sar-Ben Aquarium and Outdoor Education Center just off Interstate 80 in Gretna, Nebraska.

During the year Dave has also participated in Lead 21 Program. This is a leadership training program sponsored by land-grant universities. There are approximately 100 people from land-grant universities across the country in this year's program. Among other assignments Dave has three, one-week meetings during the year. He says he has learned a lot.

SCALET ENDOWMENT

As Chuck mentioned in his comments, he is retiring as Department Head of Wildlife and Fisheries Sciences at SDSU as of December 31, 2007. Chuck has been with the Department since 1973 and officially served as Head since 1976. For those who know him very well, you will not be surprised that he requested no party and will not let us make a big deal out of this.

We have been contacted by quite a few individuals wondering if they can contribute to a gift for Chuck. Chuck and his wife Ginger have started the process to set up a Wildlife and Fisheries scholarship in their names. However, they will not initiate work on the scholarship until after the first of the year. If you would like to contribute to the scholarship now, we did contact the SDSU Foundation for guidance. If you

would send any donations to Brandon Thiesse at the address below, he will be certain that the money makes it to the scholarship endowment. Be sure to write "Scalet endowment" on the check, and include a note to Brandon indicating that you want the money used for the endowment.

Brandon Thiesse,
Development Director
College of Agriculture and
Biological Sciences
SDSU Foundation
815 Medary Avenue, Box 525
Brookings, SD 57007
Phone: 605-697-7475 ext. 3024

*Thank you,
Current Faculty and
Staff of Wildlife and Fisheries
Sciences, SDSU*

STEVE CHIPPS

Dr. Steve Chipps was elected President-Elect of the Education Section of the American Fisheries Society. He will begin his duties as President in two years.

SUSAN RUPP

Dr. Susan Rupp was selected by The Wildlife Society for its 2007 Leadership Institute program. Susan was one of ten young professionals nationwide selected for the program.

CHRISTOPHER JACQUES

First Wildlife and Fisheries Ph.D.—
Dr. Christopher Jacques became our first student to receive a Ph.D. specifically in Wildlife and Fisheries Sciences. Recall that the new degree was approved in December 2006.

YES! *I wish to contribute to the SDSU Department of Wildlife and Fisheries through the Greater State Fund.*

Name _____

Address _____

City _____

State _____ Zip _____

Phone _____

Present Employment _____

Amount of Gift Enclosed \$ _____

All donations should be made payable to the **Greater State Fund** and designated for the **Department of Wildlife and Fisheries**.

Mail to:

SDSU Foundation
Box 525
Brookings, SD 57007



First Impressions

by Susan Rupp

SOMETIMES IT'S DIFFICULT TO LOOK BACK

a year-and-a-half ago and remember what I experienced the first time I came to South Dakota State University. In the year-and-a-half I've been here there has been a lot to do, tons to learn, numerous people to meet, and so much activity that my head is still spinning! In one sense, it feels like I just moved here yesterday. In another sense, it feels like I've been here forever. It's a bit of a blur at the moment, but every once in awhile I am able to stop and appreciate the opportunity I've been given and the accomplishment of achieving a goal I've spent a good portion of my life trying to realize.

I thought I knew what I was getting into when I first stepped onto the SDSU campus as a new Assistant Professor. I had spoken to my major advisors on numerous occasions during my graduate career about how difficult it was to balance the demands of a faculty position with a personal life. I admired and respected all the work I saw my mentors achieve while still finding time for their families and other personal commitments. I was told the first couple of years were the hardest because new faculty members have to establish their coursework and research programs. I anticipated the frustrations that would come with learning a new system and meeting new people. I accepted that my nights would be dedicated to grading papers and developing courses. But even though I thought

I knew what to expect, reality soon set in! This was going to be tougher than I thought!

What I did not anticipate in my first year as an assistant professor was exactly how much time it would take to learn the university system, develop new classes, attend new faculty conferences and workshops, deal with unforeseen paperwork, and learn the names and hierarchy of state personnel with whom I'd eventually work. In addition, I suddenly had 50+ students whose names I needed to know and who thought I could keep track of their own personal schedules (including who missed last Friday's quiz and what they wrote in their email 2 weeks ago about their grandfather's cousin's nephew being in town for the weekend) in addition to my own crazy schedule. I also felt like a fish out of water (or, in my case, a desert animal thrown into a lake) as I tried to learn about the wildlife and natural resources in a region of the country with which I had very little experience. I felt extremely intimidated, but realized I needed to set my pride aside, accept the fact I would make mistakes, and jump into this with both feet. Fortunately, my parents taught me how to swim...or at least flounder until I could figure it out.

A year-and-a-half later, I am feeling more comfortable although there is still a lot of learning and growing to do. Despite a few rather large, unanticipated obstacles along the way, I have enjoyed teaching my classes and I think the students have enjoyed me. I am continually challenging myself to improve my courses (I know I'm in trouble when I start putting myself to sleep!) and I am meeting more and more people, which provides more opportunities for unique classroom experiences. The administrative paperwork is still a pain and it never seems to end, but now I can accept that it is just part of my day. My research program is slowly developing as I establish a base and I am feeling more confident about what projects may succeed in the world of large grants. I've come to terms with the fact that much of what I need to eventually know I will have to learn through trial and error instead of understanding it all right now. Though I always thought I was good at managing my time, I realize now there is not enough time to manage! That's forced me to become more

efficient with the time I do have, although I definitely have a long way to go with that before I am truly proficient at my time-management skills. And maybe most importantly, I am learning my limits and starting to acknowledge and work more with my strengths, which I hope will go a long way to being successful in a position like this.

As time has passed, I have also come to realize more fully how lucky I am to be at South Dakota State University in the Department of Wildlife and Fisheries Sciences. When I first accepted the job, I knew the department had a lot of respect within the state of South Dakota as well as in the wildlife profession. Opportunities for research seemed abundant and I was impressed (still am!) by the incredible and rather unique working relationship between the Department of Wildlife and Fisheries Sciences and South Dakota Game, Fish and Parks. My time here has helped me to more fully appreciate the quality of the faculty and the stature of the department within the university. In a time when many wildlife programs across the country are challenged with dwindling programs and reduced budgets, our department is growing almost faster than we can keep up!

I have also found this department to be rather unique in that it still maintains a very strong attachment to applied research. Simply put, what we do matters! Our research is not science for the sake of science. Faculty members here strongly believe that our science needs to have application for management and conservation of our wildlife and natural resources. We must be able to address the needs on the ground with real people in real situations. But, at the same time, this can cause some growing pains in a world that is becoming more and more driven by technology with more and more people coming into our wildlife programs from urbanized backgrounds. The demography of our clientele – be it students, agencies or society in general – is shifting and we are faced with making decisions about how to train students to meet these growing demands. Still, despite the challenges our profession faces, the dedication, intelligence, and camaraderie I have experienced within our department will put us at the fore-

See RUPP IMPRESSIONS Page 8

The Wildlifer's Log is Published Annually by the

Department of Wildlife and Fisheries Sciences

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Dean: *Gary D. Lemme*

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Brian D.S. Graeb and Susan P. Rupp

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First-year (months) Impressions

by Brian Graeb

In a Department with very high standards, a new faculty member is expected to hit the ground sprinting! Through generous collaborations and lots of help from senior faculty, I am up to a gallop. I brought on two graduate students this fall semester and have one more starting in January. So far we are continuing research on Missouri River issues- reservoir sedimentation, paddlefish fisheries, pallid sturgeon recovery, and riparian restoration in Lake Sharpe. This work is in close collaboration with South Dakota Department of Game, Fish and Parks, U.S. Fish and Wildlife Service, and Tribal biologists. Collaborative work of this nature is one of the great strengths of our Department, and a research approach that I fully embrace.

The atmosphere of support for research in our Department is wonderful. Our faculty members are extremely collegial and genuinely interested in the success of others. This has been very refreshing given stories of competitive, self-centered atmospheres that I have seen and heard from other Universities. We have a long history of productive research and I am sure this success has been in part due to collegiality.

Millennials. I know that I am getting old when I am no longer part of the "current" generation in my classroom. I am from the tail end of generation-X, whereas most of our students are the leading edge of the millennial generation. From an educational perspective my generation wanted to be left alone to do our work. We rarely interacted with faculty and we wanted our parents to "stay out" of our business. After being on the other side of the podium I cringe to think what it must have been like to teach to my generation. The millennials are almost the polar opposite of my generation. They are highly engaged with faculty and welcome their parents into their academic lives (for the most part). It is common for students to contact me outside of class to discuss the details of a particular assignment or gain clarification on grading criteria. They are particularly concerned about grades and what they must do to earn an A. What an opportunity to engage them in learning! While some faculty (across all of higher education) are frustrated with a perception of entitlement

See GRAEB IMPRESSIONS Page 8

59TH ANNUAL Buffalo Banquet

The Wildlife and Fisheries Conservation Club at SDSU organized another successful Buffalo Banquet. The 59th Annual Buffalo Banquet was held October 26 at the Days Inn in Brookings and there were 150 in attendance. The guest

speaker was Dr. Jonathan Jenks, Distinguished Professor in our Department. He spoke on mountain lions. Numerous scholarships and awards were presented and are listed below.

Wildlife M.S. Graduate Student of the Year

Troy W. Grovenburg (Sioux Falls, SD)

Brookings Wildlife Federation Scholarship

Jonathan L. Quast (Cottage Grove, MN)

Norgren Memorial Award Scholarships (Undergraduate)

Joshua A. Lefers (Corsica, SD)
Nathan M. Kuntz (Bismarck, ND)
Cody M. Warner (Wabasso, MN)
Kyle J. Hubert (Vermillion, SD)
Bethany J. Galster (Brookings, SD)

South Dakota Trappers Association Scholarship

Ryan T. Andvik (Moorhead, MN)

Madison Izaak Walton League Scholarships

Jeffrey D. Potts (Fairmont, MN)
John J. Bender (Aberdeen, SD)

Streeter Scholarship

Kyle B. Monteith (Andover, SD)

Lloyd Fredrickson Memorial Award (Wildlife Ph.D.)

Christopher C. Swanson (Fergus Falls, MN)

Bob Wakeman Memorial Scholarship

Brian L. Korman (Hawick, MN)

Lake Campbell Wildlife Club Scholarship

Jenna L. Frank (Iroquois, SD)

Norgren Memorial Award (Fisheries Ph.D.)

Casey W. Schoenebeck (Wichita, KS)

Sioux Falls Izaak Walton League Scholarship

Christopher D. Dekker (Norfolk, NE)

Gay Simpson Memorial Award

Jennifer L. Gutscher (Flint, MI)

Joyce and Mayo Kjellsen Hunting Heritage Award

Nathaniel J. Baker (Loup City, NE)

McCook Lake Izaak Walton League Scholarships

Nicholas A. Pohl (Hankinson, ND)
Andrew S. Kvien (Sioux Falls, SD)
Torey G. Garrett (Pierre, SD)
Amanda J. Prouty (Harvey, ND)
Ryan J. Anderson (Watertown, SD)
William E. Pomplun (Gaylord, MN)

Dr. Gerald Spawn Memorial Scholarship

Kelly S. Heitkamp (Bismarck, ND)

David Bartling Scholarship

Caleb J. Thielbar (Randolph, MN)

Fisheries M.S. Graduate Student of the Year

Thomas D. Bacula (Arlington Heights, IL)
Andrew D. Jensen (Dubuque, IA)

Larry and Jo Kallemeyn Scholarship

Jonah D. Dagele (Lakefield, MN)

Robert Eng Scholarship

Eric D. Boyda (Sioux Falls, SD)

Zebarth Scholarship

Aaron J. Schneider (Sioux City, IA)

South Dakota Conservation Officer's Association Scholarship

Jonathan L. Quast (Cottage Grove, MN)

Bjorklund Memorial Scholarship

Bethany J. Galster (Brookings, SD)

Heartland Region Pheasants Forever Scholarships

Nicholas W. Kaczor (Norfolk, NE)
Ryan T. Andvik (Moorhead, MN)

Outstanding Junior

Kevin A. Robling (Jordan, MN)

Outstanding Senior

Kara E. Van Nurden (Owatonna, MN)

Enrollment Update

SDSU and the Department had another excellent year in relation to enrollment. The University again reached an all-time high (11,706). In light of decreasing high school graduate numbers this enrollment level represents a lot of time and effort by many people. It is difficult to know what enrollment level SDSU can reach or sustain, but because of the variety of programs and degrees we have we will always have advantages over other institutions in the state. It has gotten to the point that someone at Northern State University suggested capping our enrollment with the hope that more students would attend that school. The suggestion was not well received.

The Department also had a banner enrollment year. We continue to buck the national trend of enrollment decreases in fisheries and wildlife type programs. This year we reached an all-time high undergraduate enrollment (275).

The University expends a lot of time on recruitment and I am sure they play a role in our numbers increase, but I think other factors are probably more important. Each time I visit with a prospective student (and parents), I ask them why they are considering our program. In the majority of cases, whether they are from South Dakota, Minnesota, Iowa, Nebraska, North Dakota, or elsewhere the story is usually the same. They will say they talked to the state or federal biologist in their area or to their local conservation

SPRING 2007 (S) AND FALL 2007 (F)

Wilbur Allen Scholarship Recipients

Nathaniel J. Baker (F)
Samuel J. Cahoy (S)
David P. Coulter (S)
Jonah D. Dagele (S)
Ryan M. DeVore (F)
Matthew A. Koller (S)
Brian L. Korman (S and F)
Joshua A. Lefers (F)
Dustin G. Plooster (S)
Kevin A. Robling (F)
Travis W. Schaeffer (S)
Aaron J. Schneider (F)
Scott C. Sindelar (F)
Luke E. VanderLey (F)
Heidi J. Walkling (S)
Cody M. Warner (F)

New Scholarships

This year the Robert and Martha Eng Scholarship was initiated. Many of you know Bob from his time at Montana State University and as an alumni of our program.

The Heartland Region Pheasants Forever Scholarship program was also started. One of these scholarships goes to an undergraduate and the other to a graduate student in our program.

officer and those people told them to go to SDSU. I might add that the biologists are often not our alumni. Our program and its students have built a reputation for excellence that is very beneficial.

We actually have too many students for our current faculty size (even with the two new positions). However, too many students is a much better situation than too few students. Following are our enrollment numbers for the last seven years.

	Undergraduate	M.S.	Ph.D.
2007	275	42	15
2006	254	44	15
2005	238	43	16
2004	219	50	15
2003	202	40	15
2002	201	39	10
2001	177	33	8

History of Fisheries and Fishing in South Dakota

The book titled "History of Fisheries and Fishing in South Dakota" rolled off the presses in December. The book is intended for the general public, anglers, historians and students. Twenty-seven authors contributed to this 477-page book, which has 23 chapters that deal about equally with the fishes, the anglers, and the aquatic habitat in South Dakota. Habitat chapters cover the Missouri River, warm-water streams, cold-water habitats, natural lakes, small impoundments, and aquatic resources on tribal lands. Fish chapters are about warm-water and cold-water fishes, exotic fishes, and rare species. Also presented are chapters on the history of and current situation in fish hatcheries, commercial fisheries, law enforcement, and recreational fisheries management. Notable chapters cover prehistoric fishes, current fish species lists by watershed, and evolution of sport fishing, research, and education. The Editors offer their predictions for the next 20 years in the last chapter.

Editors are Dr. David Willis, new Department Head of the Department of Wildlife and Fisheries Science, South Dakota State University, and the three scientists in the South Dakota Coop Unit – Drs. Ken Higgins, Steven

Chippis and Chuck Berry. The Publisher is the South Dakota Department of Game, Fish and Parks; printer is the SDSU Printing Laboratory. The SDSU Department offers the book as a free download pdf on their web site (<http://wfs.sdstate.edu/>).

This indexed book is supported by a literature review of some 1,300 references to South Dakota fishes (available from the Coop Unit, SDSU, Box 2140B, Brookings, 57007 in hard copy and searchable database format), and by the many, many years of experiences of the authors. The text is augmented by 82 figures (mostly color), 24 call-out boxes with related subjects, and 34 tables. Limited numbers of the book will be available free from each of the GFP

Regional offices. The book will be available for sale on the South Dakota Department of Game, Fish and Parks web site (www.sdgifp.info) for \$10.



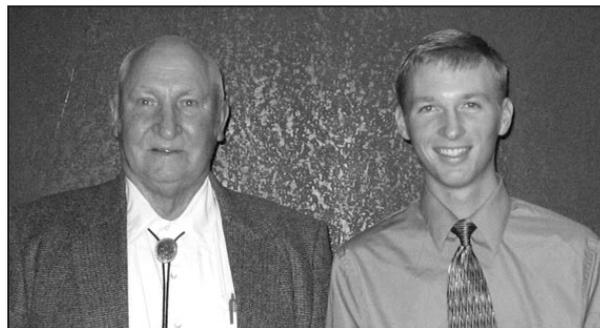
McCOOK LAKE IZAAK WALTON LEAGUE SCHOLARSHIPS
League Representative Keith Rittscher, Recipients Torey Garrett, Nicholas Pohl, William Pomplun, Andrew Kvien, Amanda Prouty and League Representative Sid Wagner. Not pictured is Ryan Anderson.

List of Contributors:

- | | |
|---------------------------------|-----------------------------------|
| James E. Anderson | Carter G. Kruse |
| Anthony D. Apa | Jarren L. and Tara L. Kuipers |
| Robert G. Best | Timothy M. Kurtz |
| Pete and Lisa Bergmann | Scott V. Larson |
| Florence M. Billard | Alan K. Lounsbery |
| Mark R. and Teresa L. Binkley | Kerry A. Lucke |
| Brian and Lorie Blackwell | Kent A. Luttschwager |
| Michael J. Brandt | Eugene T. Lyons |
| Carl F. Dauman | Matt T. Mangan |
| Julie R. De Jong | Thomas S. McComish |
| Jacquelyn J. Duerre | Brian Meiers |
| Brian L. Dykstra | Joshua J. Millspaugh |
| Robert L. and Martha Eng | John and Patsy T. Popowski |
| Mark J. and Jacquie R. Ermer | Michael J. and Jane E. Rabenberg |
| Rebecca R. Ewing | Morris L. and Marcene J. Radack |
| Clifford H. Fiscus | Stacy L. Salvevold |
| Todd A. Frerichs | Charles E. Schlueter |
| Thomas W. and Mary C. Gengerke | David C. Simon |
| Ronald D. Glover | Keith R. Steffenson |
| Gerald L. Heismeyer | Robert G. and Karen M. Streeter |
| Conrad N. Hillman | William C. Thorn |
| Daniel E. Hubbard | Curtis M. Twedt |
| James J. and Marjorie J. Hubert | Dennis G. and Jeanne C. Unkenholz |
| Jeffrey and Sarah J. Jackson | Spencer J. Vaa |
| Warren W. Jackson | Delbert D. Wehrspann |
| James I. and Barbara L. Jessen | James D. and Lynn A. Wolters |
| Jerry D. Kobriger | |



LLOYD FREDRICKSON MEMORIAL AWARD – WILDLIFE PHD
Dr. Jonathan Jenks and Christopher Swanson



JOYCE AND MAYO KJELLSEN HUNTING HERITAGE AWARD
Mayo Kjellsen and Nathaniel Baker



SD CONSERVATION OFFICER'S ASSOC. SCHOLARSHIP
SDGFP Representative Chad Williams (SDSU Alumni – BS 2001) and Jonathan Quast



HEARTLAND REGION PHEASANTS FOREVER SCHOLARSHIPS
Nicholas Kaczor, PF Representative Marcus Rock (SDSU Alumni – BS 2003, MS 2006) and Ryan Andvik



DR. GERALD SPAWN MEMORIAL SCHOLARSHIP
Retired Dr. Lester Flake and Kelly Heitkamp



NORGREN MEMORIAL AWARD – FISHERIES PHD
Dr. Michael Brown and Casey Schoenebeck

THANK YOU!

Alumni News

Ed Crozier, 1956, I am a graduate of your department who had a wonderful career that I wish to share with others. So, I am donating this memoir to your department library or where you keep track of the careers of your alumni. The book is a series of recollections about my personal outdoor adventures and my experiences as a professional manager of several national wildlife refuge. Included are stories about growing up in a small town on the Minnesota prairie, my summer jobs while in college and as a wildlife manager. Other stories are about my U.S. Army experiences, environmental activism, managing a hunting camp, bird hunting dogs, saving natural areas, wildlife management, game law enforcement and the politics of managing a national wildlife refuge. The book is not available in bookstores, but Barnes and Noble stores will order the book if you ask them or you can buy it online from their website. It can also be purchased online from the WingSpan Press (<http://www.overlookedbooks.com>). The title is Dream Hunter – the ISBN is 1-59594-107X.

Joan and Don Hammer, 1968, We're back in the swing of things working at the Elks, Cowbells, Gem & Mineral Club and Historical Society functions and preparing for the holidays. Hoping this finds you in good cheer.

Charles Rokusek, 1978, I've been teaching Science for the last 17 years and 16 of those years has been for the Sioux Falls School District and 13 of those years have been at Washington High School. At the 2006 SD Wildlife Society, I received their Citizen's Award for

2006. It was a very nice honor which I will remember for the rest of my life. (It was an unexpected honor!)

Stacy (Johnson) Salvevold, 2000, I wanted to let you know another SDSU graduate is doing well. I worked for the Fergus Falls WMD for almost 7 years and recently moved to the Morris WMD where I am the Wildlife Biologist for Partners for Fish and Wildlife Program. I will be working with landowners to help them manage their lands to benefit wildlife. I have aspirations of being a refuge manager someday. I am currently in my 2nd year as the MN Chapter of TWS President. I am a board member of the MN Prairie Chicken Society and I received the "Beyond the Call" award from Ducks Unlimited a couple of years ago. I did over \$750,000 worth of construction projects with DU while in Fergus, and I hope to continue that tradition in Morris. I keep up with the Department news in the Wildlifer's Log and since I received a number of scholarships while at SDSU, I continue to contribute to the Greater State Fund because some very generous people helped me out.

Troy Ter Meer, 1995, I am married to a SDSU alumni, Lori Struckman. We have 3 children and live in Savage, MN. I have worked as a police officer for about 10 years and recently accepted a position with the MN DNR as a Conservation Officer. After the Academy at Camp Ripley and field training,

I will be assigned to a field station. I am very excited about this opportunity, since I did not think I would get back in my field of study.

Eric Wald, 2000, Started in September, 2006, as a big game wildlife biologist for the Yukon Delta National Wildlife Refuge in Bethel, Alaska. My work is focused on moose, caribou, and muskox management. I also work with furbearing species to a lesser degree.

LOST ALUMNI

Help us locate our lost alumni. Email any contact information for these people to terri.symens@sdstate.edu. Thank you.

Kenneth M. Anderson	Philip J. Martens
Lynn Blankenship	Colin F. Mc Donald
Bernard Brich	Michael D. Mc Ginnis
Joni E. Brunkow	Robert J. McDonald
Kenneth Cash	Linda S. Meidl
Durand R. Cook	David R. Meyer
Teri J. Copeland	David G. Montag
Hillary A. Crossley	Seteng Motalaote
John D. Curry	John L. Munk
Ronald S. Davis	James M. Murphy
Vernon D. Delzer	Keith A. Mutschler
Ashley M. Devries	Fred W. Olsen
Matthew R. Devries	Kenneth K. Ortman
Donald G. Disbro	Olapade R. Oyegunwa
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ALUMNI INFORMATION FORM

We want to hear from you!

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Have you moved, accepted a new position, married, given talks in your community, received an advanced degree, or had an addition to your family? Everyone in the Department of Wildlife and Fisheries Sciences and your classmates want to know what has been happening in your life.

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Address _____

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State _____ Zip _____

Telephone () _____ Year of Graduation from SDSU _____

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Graduate Research Projects (Completed)

Student's Name (Degree, Advisor). Project Title.

BERMAN, GILLIAN M. (MS, BAKKER/HIGGINS). Nesting success of grassland birds in fragmented and unfragmented landscapes of north central South Dakota.

CHRONERT, JAMIE M. (MS, JENKS). Ecology of the coyote (*Canis latrans*) at Wind Cave National Park.

EDWARDS, KRIS R. (MS, WILLIS). Bluegill reproductive biology and population dynamics in four South Dakota Impoundments.

GARDNER, DAWN M. (MS, HIGGINS). Synthesis of Western Willet (*Catoptrophorus Semipalmatus Inornatus*) Marbled Godwit (*Limosa Fedoa*), and Upland Sandpiper (*Bartramia Longicauda*) Research In South Dakota, 1843-2006

GEE, HUGO K. W. (MS, FREDRICKSON). Habitat Characteristics of Refuge Wetlands and Taro Lo'i Used by Endangered Waterbirds at Hanalei National Wildlife Refuge, Hawai'i.

GROVENBURG, TROY W. (MS, JENKS). Movement patterns of white-tailed deer in east central South Dakota relative to winter ranges and management unit boundaries.

HANKINS, JESSE C. (MS, HUBBARD). Evaluation of mixed-vegetation plantings as avian nesting habitat in eastern South Dakota.

HERMAN-BRUNSON, KATIE M. (MS, JENSEN). Nesting and brood-rearing habitat selection of greater sage-grouse and associated survival of hens and broods at the edge of their historic distribution.

KAHARA, SHARON N. (PHD, CHIPPS). Modeling invertebrate-vegetation relationships in South Dakota wetlands.

LEE, JESSICA F. (MS, FREDRICKSON). Community composition and microhabitats of macroinvertebrates on sandbars within the lower Missouri River as a food source for foraging migratory shorebirds.

SCHILOWSKY, REBECCA D. (MS, FLAKE). Habitat selection and use by breeding hen pheasants in eastern South Dakota, 1999-2001.

SCHROEDER, GREGORY M. (MS, JENKS). Effect of Coyotes and Release Site Selection on Survival and Movement of Translocated Swift Foxes In The Badlands Ecosystem of South Dakota.

SMITH, JOSHUA B. (MS, JENKS). Assessing American marten use of track plate box surveys for estimating population size in the Black Hills, South Dakota.

WIRWA, NICHOLAS L. (MS, FREDRICKSON). Aquatic invertebrates on Kealia Pond National Wildlife Refuge in Maui.

Graduate Research Projects (In Progress)

Student's Name (Degree, Advisor). Project Title.

AHRENS, NICHOLAS L. (MS, BERRY). Fishes and riverine habitat of Badlands National Park, with emphasis on the Sturgeon Chub and other imperiled species.

BACULA, THOMAS D. (MS, BLACKWELL/WILLIS). Smallmouth bass seasonal dynamics in northeastern South Dakota glacial lakes.

BAHM, MATT A. (PHD, JENSEN/BARNES). Converting cool-season exotic grasses to native warm season grasses.

BEASLEY, BRET C. (MS, FREDRICKSON). Above-ground food resources for sandhill cranes throughout the Intermountain West Corridor.

BERDAN, THOMAS C. (MS, JENSEN). Black Hills turkey mortality.

BERG, KRISTEN L. (MS, CHIPPS). Prey selectivity of juvenile pallid sturgeon (*Scaphirhynchus albus*) in the Missouri River below Fort Randall and Gavins Point Dams, South Dakota and Nebraska.

BORGSTROM, LUCAS J. (MS, BERRY). Fish inventory of North Dakota's Red River drainage with an emphasis on rare or uncommon species.

CAHOY, SAMUEL J. (MS, JENSEN). Merriam's wild turkey (*Meleagris gallopavo merriami*) in the southern Black Hills of South Dakota: survival and movements of gobblers related to habitat use and harvest pressure.

DELGER, JOSHUA A. (MS, JENKS). White-tailed deer preference for corn hybrids.

FINCEL, MARK J. (PHD, CHIPPS). Food web dynamics and factors influencing productivity in Missouri River reservoirs.

FISK, KEITH J. (MS, JENSEN/BAKKER). An evaluation of duck and pheasant nest density and success in relation to patch area and landscape level variables in eastern South Dakota.

FRENCH, WILLIAM E. (MS, GRAEB). Pallid sturgeon early life history: experimental assessment of prey selection and predation.

GRAY, MARCUS B. (MS, JENKS). Further development of barriers to black-tailed prairie dog (*Cynomys ludovicianus*) colony expansion, Bad River Ranches, South Dakota.

GROVENBURG, TROY W. (PHD, JENKS). Evaluation of habitat characteristics and movement on survival and cause-specific mortality of white-tailed deer fawns in north central South Dakota.

GUTSCHER, JENNIFER L. (MS, FREDRICKSON). Study of invertebrate food resources for endangered waterbirds in Hanalei National Wildlife Refuge in efforts to delist certain waterbirds from the endangered species list.

HAASE, BRENT A. (MS, JENSEN). Impacts of oil and gas development on greater sage grouse in North Dakota.

HANAN, MICHAEL D. (MS, JENSEN). A landscape analysis of breeding bird surveys and road densities.

HENNEN, MATTHEW J. (MS, BROWN). Common carp population biology and management in South Dakota glacial lakes.

HITT, ASHLEY B. (MS, JENSEN). Wetland dynamics at Agassiz NWR.

HODNE, EMILY A. (MS, HUBBARD). Pheasant depredation prevention.

HONNESS, KEVIN M. (MS, JENKS). Restoring swift foxes (*Vulpes velox*) to the mixed-grass prairie of west-central South Dakota.

IRIARTE, DIANA P. (MS, FREDRICKSON). Below-ground food production in foraging habitats of the Rocky Mountain population of sandhill cranes.

JACOBSEN, HEIDI M. (MS, JENSEN). Introduction of eastern wild turkeys into agricultural landscapes of eastern South Dakota: evaluation of new and recently established transplants.

JAMES, DANIEL A. (PHD, CHIPPS). Influence of *Didymosphenia geminata* on fisheries resources in Rapid Creek, South Dakota.

JANSEN, ANDREW C. (MS, WILLIS). Interannual variation in larval yellow perch abundance in eastern South Dakota glacial lakes and relation to sympatric walleye populations.

JANSEN, BRIAN D. (PHD, JENKS). Influences of sport-harvest and housing density on mountain lion ecology.

JARDING, ANGELA R. (MS, RUPP). An evaluation of elk sightability in the northern Black Hills of South Dakota.

JOLLEY, JEFFREY C. (PHD, WILLIS). Biotic communities in Nebraska Sandhill Lakes.

KACZOR, NICHOLAS W. (MS, JENSEN). Reproductive ecology and habitat use of greater sage-grouse in northwestern South Dakota.

LAMMERS, DUANE J. (MS, JENKS). Factors affecting bison herding behavior.

LINKE, LISA O. (MS, HUBBARD). Attitudes and intended behaviors towards fishing and hunting regulations: compliance/noncompliance issues.

MORLOCK, MATTHEW W. (MS, HUBBARD). Floral and faunal characteristics of created wetlands: a pre- and post-development comparison.

MOSBY, CORY E. (MS, JENKS). Landscape-level habitat selection of bobcats in South Dakota.

PERKINS, TANDI L. (PHD, FREDRICKSON). The temporal and spatial distribution of Rocky Mountain population of sandhill cranes in response to habitat conditions determined by climate, geomorphology, and land use on public and private land along an intermountain corridor.

RANNEY, STEVEN H. (MS, CHIPPS). Influence of feeding history on largemouth bass metabolism.

RUNIA, TRAVIS J. (MS, JENSEN). Landscape level habitat characteristics affecting prairie grouse distribution in northeast South Dakota.

SCHAEFFER, TRAVIS W. (MS, BROWN). Dried distilleries grain with solubles feeding trials for tilapia.

SCHOENEBECK, CASEY W. (PHD, BROWN). Yellow perch mortality in South Dakota glacial lakes.

SCHRECK, WILLIAM J. (MS, GRAEB). Seasonal fish use of Missouri River reservoir deltas.

SELCH, TREVOR M. (PHD, CHIPPS). Factors affecting mercury accumulation in South Dakota fishes.

SEXTON, CHAD L. (MS, JENKS). Comprehensive study of ungulate diets at Theodore Roosevelt National Park, North Dakota.

SPENGLER, DANIEL E. (MS, BROWN). Culture strategies for producing advanced largemouth bass in the upper midwest.

SPINDLER, BRYAN D. (MS, CHIPPS). Habitat assessment for juvenile pallid sturgeon.

SWANSON, CHRISTOPHER C. (PHD, JENSEN). Brood break-up dispersal and winter ecology of greater sage-grouse in the Dakota.

THOMPSON, DANIEL J. (PHD, JENKS). Dispersal and survival of mountain lions in the Black Hills of South Dakota and Wyoming.

THOMSON, SHEILA K. (MS, BERRY). The influence (source or sink) of livestock watering holes in the Six Mile Creek Watershed on the topeka shiner.

VAN DE HEY, JUSTIN A. (PHD, WILLIS). Influence of gizzard shad on fish community ecology in northeastern South Dakota glacial lakes.

WEBER, MICHAEL J. (PHD, BROWN). Common carp population biology and management in South Dakota glacial lakes.

WILLIAMSON, RYAN M. (MS, JENSEN). Impacts of oil and gas development on the reproduction of sharp-tailed grouse on the Little Missouri National Grasslands, North Dakota.

WRIGHT, ELIZABETH B. (MS, CHIPPS). Development and evaluation of a pallid sturgeon bioenergetics model.

WUELLNER, MELISSA R. (PHD, WILLIS). Predator-prey interactions in Missouri River Reservoirs of South Dakota.

ZIMMERMAN, TERESA J. (PHD, JENKS). Restoration of bighorn sheep in Badlands National Park.

RUPP IMPRESSIONS

CONTINUED FROM PAGE 3

front of successfully addressing these issues and continuing to produce quality students that can function in multiple arenas within the wildlife profession. I am very lucky to be here.

As for the city of Brookings and the people here as a whole, it has been a big change from what I was used to, but in a good way. People seem to enjoy life and each other. I was amazed that as the weather got warmer in the spring, people would sit on their porches and talk with their neighbors. People are out walking their dogs, riding their bikes, boating on the lakes, or hunting with their friends. There is a quality of life that has been lost in many other parts of the country and it is something I have already come to cherish in my short time here. I

have been reminded that there is more to life than just trying to survive it along the way and I look forward to exposing myself to new activities I never had the opportunity to pursue before. Life is very different from what I knew, and sometimes I miss the things that were familiar to me. I was comfortable with and successful at what I did. But I also see this as a new chapter in my life with pages of adventure for me to fill. So though it is a challenge and frustrating at times, I know the experience will help me to become a better teacher, a better researcher, and a better individual overall.

Now about the weather.....

Former Faculty Member Passes Away

Paul Frederick Springer passed away at St. Joseph Hospital in Eureka, CA, on May 2, 2007, at the age of 85 with his wife and family at his side. He was born in Chicago, IL, on April 25, 1922, but grew up in the nearby suburb of La Grange, IL. During World War II he was the officer-in-charge of a landing craft (LCT) from 1944-46 in the southwest Pacific, attaining the rank of lieutenant (junior grade). In 1949 he married Virginia Haggerty of Downers Grove, IL, and they raised four sons. He attended the University of Illinois, University of Wisconsin, and Cornell University, where he was awarded a Ph.D. degree in Wildlife Conservation.

He spent his entire work career employed by the U.S. Fish and Wildlife Service as a research biologist, starting in 1947. In 1963 he became the first Unit Leader of the newly established S.D.

Cooperative Wildlife Research Unit. He remained in that position until 1967. He retired in 1984 in charge of the Wildlife Research Field Station, affiliated with the Wildlife Department at Humboldt State University. The scope of his varied wildlife research included studies on pesticides, mosquito control, wetland biology, ornithology, and the endangered black-footed ferret and Aleutian Canada goose. He also supervised the work of a number of wildlife graduate students.

In addition, he served as an officer and member of many professional, religious and social organizations and committees, a practice he continued on a volunteer basis after his retirement. His principal hobbies included birding, hiking and travel, which encompassed all 50 states as well as several foreign countries.

GRAEB IMPRESSIONS

CONTINUED FROM PAGE 3

and strong focus on grades (instead of pure learning) from millennials, I really enjoy teaching these students. Many times I have been pleasantly surprised at the level of work completed by our students. They regularly exceed expectations (in a Department with notoriously high expectations). As a whole I think our faculty are gaining a better understanding of this generation and adapting our teaching strategies accordingly. As Dave Willis says, "We are adapting to them because evidence (published and first hand) indicates they won't adapt to us."

A time of change. What a time period to start in my new position -- new University President, soon to be new Department Head, and a major revision of our University, College, and Department strategic plans. Our new president is focused on expanding research at SDSU. Our Department has a long history of excellence in research and I am confident that we will contribute greatly to expansion of research at SDSU. I share the sentiment of other faculty in that I am sad to see Chuck go, but I am happy that he can start his "January 1st list." At this writing we are close to recruiting a new Department Head. We are very anxious to move forward so we can adapt to potential changes -- shifting teaching assignments, advising loads, etc. However, our collegiality should ensure that we make a relatively smooth transition. All new faculty members should be so lucky to start a position during a strategic plan revision. I was initially less than enthusiastic about working on this project, but it has turned out to be a great learning experience. The opportunity to work with Chuck and other faculty on quantifying our current status and outlining our future path has greatly improved my understanding of how our Department functions and how we fit into the larger SDSU picture. I am thankful though, that we do not need to go through this again for several more years. For the first time, I now understand how the Department works through its "shared vision."

Building on our core. One of the greatest aspects of our Department is our focus on core values -- applied fisheries and wildlife research. Many other wildlife and fisheries programs across the country have changed their focus to conservation biology, genetics, theoretical ecology, etc. Oftentimes this comes at the cost of applied research. Our Department has instead decided to adhere to our core of applied research and expand around this core with complimentary areas of research -- ecology, conservation biology, etc. This approach allows us to expand our educational offerings for undergraduate and graduate students, continues to expand and improve our reputation, and is in line with SDSU research goals. Moreover, this move will ensure that we remain competitive in the changing climate of research funding and university economics. The future looks very bright for our Department!

The first few months have been a whirlwind. I have never experienced a job where there are so many concurrent demands on my time, and maintaining so many simultaneous "balls in the air." But, I can't wait to come to work every day (except of course when I am conducting an online exam; however, that's another Log entry entirely). I am very excited about the future of our Department and I am very proud that I can be a part of it.



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