Avid fisherman and outdoor enthusiast, Jeremiah Heitke (BS Water Resources - Fisheries and Limnology ’98) brought his lifelong dream of producing a fly fishing documentary to fruition this past summer with the release of his film Two Brothers Fly Fishing. The film focuses on Jeremiah and, his brother, Dustin’s fly fishing expeditions over the course of a year. The brothers traveled around Wisconsin, Utah, Montana, and all the way to Belize.

Heitke grew up surrounded by a family passionate about the outdoors in Clinton, Wis. He was hooked on fishing at an early age and learned the art of fly fishing at thirteen. Following his love for the outdoors, he completed his bachelor’s in fisheries and limnology at UW-Stevens Point in 1998 and his masters in stream ecology at Iowa State University in 2002. Heitke continued working for Iowa State University as a stream research associate until 2003 when he began working for the U.S. Forest Service in Logan, Utah. Moving his way up the ranks of the U.S. Forest Service, he was soon looking to bring his dream of producing a documentary style fly fishing film to reality. Working with his brother Dustin, they began to put Jeremiah’s plan into action. Together they created a business proposal, purchased camera equipment, and planned fishing trips during their time off from their regular jobs. Once filming officially began, it became quickly evident that utilizing camera equipment in nature poses many challenges. On two separate occasions water mishaps occurred, resulting in the loss of $6,000 worth of camera equipment. Despite these setbacks, they were able to complete the filming within the year. To their unexpected surprise, on the last day of the fishing season they each landed the biggest brown trout of their lives, weighing just under twenty pounds and three feet in length.

With the completion of filming behind them and no prior experience in film editing or production, Jeremiah dove headfirst into the most challenging part of his dream. Learning new software programs, film editing techniques, negotiating terms for the legal use of music, and marketing were no easy task, but patience and perseverance were on Heitke’s side. (Continued on page 10)
This past year, I had the chance to be part of an historic conservation event. In 2011, I was an alternate judge in the Federal Duck Stamp competition. This fall, I got to leave my training wheels behind and fly as a “real” judge. The event was held in Ogden, Utah, the last weekend in September. There were five judges, spanning a variety of expertise. You can only be a judge at this event once. This program is a wonderful melding of art and science. The winning painting, chosen from 192 entries, was a stunning common goldeneye by Robert Steiner of San Francisco, Calif.

This event, which began in 1934, has identified the artwork that graces the Migratory Bird Hunting and Conservation Stamp. CNR alums all over the country will know duck stamps for many reasons. You may have purchased one for hunting migratory waterfowl. You may have won a framed print of stamp art at a conservation banquet. You may have duck stamps in your stamp collection. Perhaps the best part is that many of you manage spectacular properties, made even more wonderful, by the addition of the 6 million acres of waterfowl habitat that has been preserved on the landscape in the 80 years of the stamp program.

In a time of great austerity and conservation challenges (Great Depression and Dust Bowl), our community came together and taxed ourselves and our activities to create a wildlife legacy for the future. The Federal Duck Stamp is but one example of that. This legacy continues today and every citizen of the world benefits from the conservation efforts that come from the proceeds. Just as every citizen of the world benefits from the many ways that CNR alums contribute to a sustainable future.

Many thanks to the U.S. Fish and Wildlife Service and the Federal Duck Stamp program group for affording me the honor of participating in something so special. Thank you also to all of you for using the proceeds wisely to benefit all of us. I hope your fall has been filled with music of the waterfowl migration, the art of nature’s autumn canvas.

Wood-Mizer sawmill donation

Marv Kramer (BS Biology 62’) of Waupaca recently donated a Wood-Mizer sawmill to the college, which is already being incorporated into the forestry curriculum, including the college’s Wood Products Manufacturing course. Kramer and his wife, Sandy, are avid conservationists and longtime benefactors of the college.

Marv, a Korean War veteran, completed his degree at UW-Stevens Point and attended graduate school at UW-Madison. After working for three years as a field biologist for USDA and then as a science teacher in Monona Grove, he embarked on a long career in real estate development and sales. He retired in 1996 as CEO and chairman of Friendship Manor Homes, Inc. An avid hunter and fisher, he has been a member of Waupaca Conservation League, Whitetails Unlimited, Rocky Mountain Elk Foundation, and Safari Club International.
Emerald Ash Borer management tool created

City foresters and arborists have a new tool to assist in management decisions related to the increasing presence of the invasive Emerald ash borer. Rich Hauer (BS Forestry ’92), associate professor of forestry, and Andrew VanNatta (BS Forestry ’10), designed the Emerald Ash Borer (EAB) Planning Simulator to estimate the cost of managing ash trees over a 20 year span of an emerald ash borer infestation.

Emerald ash borer larvae feed on the inner bark of ash trees, disrupting the trees ability to transport water and nutrients. The ash trees are generally killed within two to four years of the initial infestation. Since the invasive insects discovery in Michigan in 2002, they have claimed the lives of tens of millions of trees. Wisconsin ash trees have no known natural defense against these pests leading to the creation of various management options.

The EAB Planning Simulator was designed based on ash forests on the UW-Stevens Point campus. Hauer and his students combined basic information about the campus forests, using tree evaluation software programs from the U.S. Forest Service and the Council of Tree Landscape Appraisers. The model estimates the cost of managing the ash trees in four different ways: preemptive removal of all ash trees in the first five years of an infestation, removal and replanting with a different species, treatment with insecticides, and no action. Planners are able to see what the best option for their communities are, based on the management options that they are pursuing.

You can download the EAB model at http://cnrfiles.uwsp.edu/hauer/EAB-PLANSVersionBeta.xlsx.

Dombeck coauthors handbook for streamside owners

Mike Dombeck (BS Biology ’74), professor of global conservation, coauthored My Healthy Stream with Jack Williams, Trout Unlimited senior scientist, and Chris Wood, president and chief executive officer of Trout Unlimited. Produced as a partnership between Trout Unlimited and the Aldo Leopold Foundation, this handbook aims to provide people who own property bordering streams and rivers with information on caring for those waterways.

Mike Dombeck oversaw the two largest federal land management agencies in the United States as chief of the U.S. Forest Service and director of the Bureau of Land Management. After retiring from the U.S. Forest Service, he became a UW-System Fellow and Professor of Global Conservation at the University of Wisconsin-Stevens Point. He has served on the board of directors of many conservation groups, including the Aldo Leopold Foundation and Trout Unlimited. Dombeck currently resides along the Wisconsin River.

The book may be purchased through the Aldo Leopold Foundation www.aldoleopold.org/books/.
Wisconsin River water quality monitoring and improvement effort

The UW-Stevens Point Center for Watershed Science and Education, and citizens and staff in Adams County, with the assistance of the Wisconsin Department of Natural Resources and the Army Corps of Engineers, are spearheading a nutrient pollution monitoring effort on the Wisconsin River between Tomahawk and Lake Wisconsin.

The Wisconsin River flows through many communities and backyards on its 430 mile course to the Mississippi River. It begins its journey in Lac Vieux Desert through a forested and undeveloped landscape, as it continues south the dominant land use shifts from forest to agriculture. The increase in agricultural land use brings with it municipal and industrial storm water and wastewater discharges, and phosphorous rich soil runoff. The phosphorous, an element essential for algal and aquatic plant growth, accumulates downstream causing blue-green algae blooms in a number of reservoirs.

The Petenwell and Castle Rock flowages, located in the monitoring area, are the second and fifth largest reservoirs in Wisconsin. These reservoirs have been experiencing excessive blue-green algae blooms, limiting the recreational use of the waterways and causing a public health concern. The Department of Health services has documented numerous cases of exposure to blue-green algae resulting in respiratory ailments, rashes, and on rare occasions death. The information collected during the monitoring effort will help determine where land management efforts and funding can be targeted to aid in decreasing the nutrient levels in the waterways that cause blue-green algae blooms.

A symposium is held each year providing an opportunity for citizens, representatives from municipalities, industry, stewardship groups, agencies, educators, agricultural producers, and legislators to learn about the monitoring effort, define what the Wisconsin River means to communities along its banks, and show what is currently being done to protect or improve conditions in the river and its tributaries. This year’s symposium Hearing the River, Hearing Each Other, will be held on the UW-Stevens Point campus on March 28, 2013.

Learn more about the Wisconsin River Water Quality Improvement project and register for this year’s symposium at www.uwsp.edu/cnr-ap/watershed/Pages/ImproveProject.aspx
CWES benefits from funding awarded to the UW-Stevens Point Foundation

Linda Gruber joined the Central Wisconsin Environmental Station (CWES) this summer to assist in the coordination of a new summer camp focused after school program for upper-elementary school students in the Amherst, Rosholt, and Iola school districts as well as the Portage County Boys and Girls Clubs. The after-school activities include programs on pond study, fishing, stars and stories, survival skills, critters at camp, crafts, and campfire songs and skits. Students who attend a majority of the monthly activities will be eligible to apply for partial scholarships for a week of CWES summer camp in 2013. Scholarship recipients will be announced in the spring.

Gruber’s position and these programs are possible in part because of a grant from the Margaret A. Cargill Foundation. The UW-Stevens Point Foundation was awarded the three-year grant totaling $225,000 to increase the number of children attending CWES summer camps and supporting the training of future educators and camp leaders. The Margaret A. Cargill Foundation supports environmental education, including camping programs that allow young people to interact with nature and develop a sense of environmental stewardship.

Located in Amherst Junction on the shore of Sunset Lake, CWES hosts an average of 7,500 people each year for summer camps, school programs, youth and adult team building and leadership skills programs, youth retreats, church gatherings, family reunions, and other events.

Learn more about CWES at www.uwsp.edu/cwes.

Treehaven to host second annual snowshoe race

The “Treehaven Tromp,” a 5k and 10k snowshoe fun run and race, will be held February 9, 2013, at Treehaven in Tomahawk, Wis.

The snowshoe race is part of the Braveheart Snowshoe Racing Series and a 2012-2013 United States Snowshoe Association Regional Qualifying Event. A free chili lunch will be provided to all participants and race t-shirts will be available for purchase.

For registration information, visit www.uwsp.edu/treehaven.
CNR News

News bits

Yockers named Wisconsin’s Project WILD Facilitator of the Year
Dennis Yockers, retired professor of human dimensions of natural resource management, was named the 2012 Wisconsin Project WILD Facilitator of the Year. Project WILD is a wildlife-focused conservation education program for K-12 educators and their students. Yockers was Wisconsin’s first state coordinator. With help from an assistant he conducted over fifty workshops the first year. Yockers continued his commitment to Project WILD through his entire career.

Schmeeckle Reserve has record turnout at Candlelight Hike Festival
Schmeeckle Reserve’s Candlelight Hike Festival continues to attract growing numbers of community members and students. More than 900 people joined the fall celebration on November 2, which featured the nighttime sky. The festival includes trails lit by jack-o’-lanterns, discovery stations, crafts, and a character interpretation program presented by students in the Environmental Education/Interpretation Practicum.

Navigating Environmental Attitudes: Lessons from Wolves
In an effort to better understand environmental attitudes, Tom Heberlein, professor emeritus at the University of Wisconsin-Madison and a visiting professor at the Swedish University of Agricultural Sciences, discussed his studies of attitudes toward wolves in the Midwest and in Sweden on Wednesday, November 7, at 5 p.m. in the Laird Room of the Dreyfus University Center. Heberlein shared how attitudes have been responsible for the stunning success of wolf restoration and identified the possibilities for a negative shift in attitudes toward wolves in the future.

Hansen receives AFS 2011 best paper
Michael Hansen, professor of fisheries and commissioner, was honored with the best paper for 2011 in the North American Journal of Fisheries Management from the American Fisheries Society (AFS). Hansen received the award at the annual AFS meeting in August. The paper is titled Natural mortality in relation to age and fishing mortality on walleyes in Escanaba Lake, Wisconsin, during 1956-2009.

New Faculty and Staff

- **Rebecca Franzen** - Assistant Professor of HDNR
- **Audrey Gaedtke** - Treehaven Campus Office Manager
- **Linda Gruber** - Educator at CWES
- **Kendra Liddicoat** - Assistant Professor of HDNR
- **Ron Masters** - Assoc. Professor of Wildlife Fire Science
- **Kristy Seblonka** - University Associate in CLUE
- **Jake Smith** - Budget and Finance Specialist

*A complete list of all CNR faculty and staff can be found at [www.uwsp.edu/cnr/pages/facultyDirectory](http://www.uwsp.edu/cnr/pages/facultyDirectory)*
Brandy Anderson is a senior majoring in wildlife ecology with a minor in captive wildlife management. She is originally from Rockford, Ill. but moved to Milwaukee, Wis. during high school. She loves the challenge of new experiences and is definitely getting her fill, on campus and across the nation. She is involved with the following student groups on campus: Herpetology Society, Animal Behavior Club, Save the Frogs, Minorities in Agriculture, Natural Resources and Related Sciences, and the Wildlife Society.

Anderson has participated in the Field Biology of the Pacific Coast and Great Basin trip, New York City Neighborhoods Geography trip, and will be participating in a trip to South Africa with Eric Anderson, wildlife professor, in January.

She shared some of her experiences at UW-Stevens Point and her future plans with us.

What brought you to UW-Stevens Point?

“I originally had an interest in TV production, starting out at Brown College and then switching to Milwaukee Area Technical College. I soon realized my lifelong love of animals and heard about UW-Stevens Point from a friend. I was really interested in all of the different student organizations but the clincher was the fact that there was a Herpetology Society.”

What was your favorite UW-Stevens Point moment?

“I have enjoyed all of the traveling experiences and getting to know new people. I also participated in an internship last summer at Tanganyika Wildlife Park in Goddard, Kan. I had the opportunity to work with all aspects of the zoo but my favorite part was working with the ambassador animals. I walked the ambassador animals around the park sharing information with guests and giving them an opportunity to interact with each of the animals.”

What are your plans after graduation?

“I want to work in an interactive zoo or wildlife park, a place where I get to work with the daily care of the captive wildlife but also get to ambassador some of the animals around or give behind the scenes tours. I believe the more the public knows and interacts with an animal the more open they are to conservation.”
Alumni updates

Jacob Becken (BS Soil and Waste Resources ’12) was awarded the Wisconsin Wastewater Operators Association “Newcomer of the Year” award because of his exceptional enthusiasm and willingness to learn. Becken currently works for the Green Bay Metro Sewerage District.

Mark Mueller (BS Resource Management ’66) Spooner, Wis. is the founder, president and chief technology officer of Botanic Innovations, LLC., and Curieum Healthcare Holdings, Inc. companies. The company produces and sells high valued botanical ingredients for use in skin care and wellness products. Their company is developing an immunotherapy cancer drug which is currently being tested in a human clinical trial at the University of Minnesota Masonic Cancer Center. Mark and others in the company have been awarded a patent from the U.S. Patent Office for the smart drug which targets tumors and enables the bodies immune system to eradicate cancer. The safe and non toxic drug is in the vanguard of new approaches to super charge the bodies immune system to fight cancer.

Louise Venne (BS Wildlife ’03) Gainesville, Fla. successfully completed her PhD at the University of Florida Department of Wildlife Ecology and Conservation. Her research focused on how wading birds respond to prescribed fires in the Everglades.

Frank Thomas (BS Natural Resources ’67), Detroit Lakes, Minn., retired on June 30 after teaching in the Minnesota Detroit Lakes Independent School District since September of 1976. The late Dr. Wievel had a great impact on his career, telling Thomas’ class not to be picky on their first employment. Thomas’ first employment was with the U.S. Army. With Weivel’s advice fresh in his mind, when asked where he would like to be stationed he listed anywhere. The sergeant in charge thought he was kidding and put him down for Germany because of his German language experience in high school. In May 1968 he reported to Massweiler, Germany, as a radio teletype operator.

Dave Neu (BS Wildlife Ecology ’84) Madison, Wis., became the program director for the Leopold Conservation Award-Sand County Foundation in January. Neu previously worked for the WDNR, the National Wild Turkey Federation, and the Minnesota DNR.

UW-Stevens Point Distinguished Alumnus

Paul DeLong (BS Forest Administration ’85) is the first UW-Stevens Point alumnus to head the Wisconsin Department of Natural Resources Division of Forestry, a position he has held since 2003. Many fellow alumni are members of his team, which he says is a result of their applied training and experience rather than deliberate selection.

Among his accomplishments is certifying more than five million acres of forestland and working with countless partners to protect and sustain the state’s forests. He also returns to his alma mater from time to time to share his expertise as a member of the CNR Forestry Advisory Committee. You can learn more about DeLong on the UW-Stevens Point YouTube Channel www.youtube.com/user/UWStevensPoint.

We love to hear what our alumni have been up to! Share your stories with us via email at cnr@uwsp.edu.
In Memory

Allan Skinner (BS Conservation ‘59) passed away on September 29, 2012. Allan was born on August 16, 1936, near Suring, Wis. to Russell and Helen Skinner and was raised in Oregon, Wis.

Skinner began a federal career shortly after his graduation from UW-Stevens Point. He was recently presented with a certificate for 50 years of federal service, 38 of which have been with the U.S. Army Corps of Engineers (USACE) Alaska District. He spent time working as a park ranger for the National Park Service in several places, including Theodore Roosevelt National Park, Yellowstone National Park, Lake Mead National Recreation Area, and Death Valley. He also worked as a USACE park ranger in California and Indiana.

He enjoyed hunting, fishing, and trapping in earlier years, and telling stories of such in his later years. He liked listening to classic country music, telling stories, road trips, reading publications from all across the states, listening to weekend and nightly radio programs, and being with friends. Allan most enjoyed sharing stories amongst his friends.

Mariah Peterson (BS Water Resources ‘81) passed away on November 5, 2011. She loved sports, nature, and the outdoors. She led a life filled with travel and adventure working on sea lamprey research in Michigan’s upper peninsula, doing salmon research on Kodiak Island in Alaska, touring Peru, back country skiing, mountain biking, and wilderness canoeing, just to name a few.

After graduating from UW-Stevens Point, Anderson completed a master’s in fish biology and human anatomy from Mon. State University in 1984 in Bozeman, Montana. Mariah loved living in Montana because of the numerous opportunities to hike, bike, canoe, fish, kayak, and ski. After an injury to her back she found that chiropractic methods and Tai Chi helped ease the pain and this started her on the path of healing and being a healer. She gained status as a Tai Chi master, winning competitions, and ran her own Shen Yi School of Tai Chi in Portland for several years. She also taught and did research at Oregon College of Oriental Medicine. Her continued desire to be a healer brought her to complete a master’s in physical therapy at the University of Montana in Missoula. She continued to practice physical therapy in Minocqua and Appleton until she moved to Seneca Falls, N.Y., to pursue a master’s degree in acupuncture.
BOW trip to the Sea of Cortez and Mexico’s Baja Peninsula

The Becoming an Outdoors-Woman (BOW) program is headed to the Sea of Cortez and Mexico’s Baja Peninsula. This trip is part of a series of specialty events to unique ecosystems called “BOW Destinations.”

The Baja BOW is designed for women of all ages, experience levels, and backgrounds. The all-inclusive trip (excludes airfare) offers 8 sun-filled days and 7 starry nights of outdoor experiences for $2,250. The adventure begins with a stay at La Duna Eco-Farm where participants will learn about the desert community surrounded by mountains.

After the ranch stay and whale watching at Magdalena Bay, the group will travel to an island camp, Isla Partida, which has been designated a World Heritage Site – a world class natural park. Activities for the next 4 days include hiking, snorkeling, and kayaking.

During the program, participants will become comfortable with snorkeling and kayaking through personalized instruction, proper gear fitting, and education about the surrounding environment. This will prepare the group for the highlight of the trip – snorkeling with a colony of 400 wild sea lions at Los Islotes.

Participants will be treated to a 5 star camp. Each tent is equipped with two comfortable cots, sleeping bags, linens, bath towels, and a night stand. Other amenities include: flush toilets, solar showers with private stalls, beach lounge chairs and umbrellas, purified water, soda, coffee, an honor bar for adult beverages and a chef plus 3-person crew to prepare delicious meals and tend the camp.

This 3rd annual Baja BOW is offered in partnership with Green Edventures, an insured, U.S.-based company founded and run by CNR alumna Tara Short (BS Resource Management/Environmental Ed ’02). Tara has a decade of experience leading high school students and adults to remote places in Alaska, the Bahamas, and Mexico.

For more information on the Baja BOW, visit the BOW website at www.uwsp.edu/cnr-ap/BOW. Check out video of the 2011 Baja BOW group on www.youtube.com; search for “women’s island adventure La Paz” to access a link to the video.

Alumnus fulfills lifelong dream (continued from cover page)

Six months into the editing phase, a hard drive crash caused all of his hard work to disappear in a matter of minutes. This was a disappointing stumbling block, but one that was small in comparison to the process of negotiating the licenses for the music. After a year and a half of continual contact with the various music agencies, his efforts paid off with a soundtrack including songs by Wilco, Cake, G Love & Special Sauce, Ziggy Marley, and Third World.

The completed film was better than they envisioned. Looking to bring something different to the world of fly fishing documentaries, they focused their efforts on minimizing dialogue and allowed the footage to speak for itself. The film highlights numerous species including bonefish, tarpon, kokanee salmon, and a 4 ½ foot sturgeon. Two Brothers Fly Fishing is now available on Amazon.

Heitke currently works as the lead fish biologist with a consulting firm in Boise, Idaho, and looks forward to producing future films under his fly fishing media company, Heron Fly Fishing.
• **Veolia Environmental Services** (Wisconsin Rapids/Chicago) – $10,000 ($5,000 to provide Veolia Environmental Services scholarships for five students in spring 2012; and $5,000 to support the CNR Special Projects Fund).

• **James & Joann Bernd** (Waupaca, Wis.) $5,000 to support five spring 2012 awards for the James and Joann Bernd Family Scholarships.

• **Pauline Chandler** (Keene, N.H.) $2,500 to establish the Pauline Chandler & Greg Chanis Environmental Education Endowment (first scholarship award in 2012).

• **Dorothy Kopmeier Vallier Foundation** (Milwaukee, Wis.) $75,000 to provide support for the Vallier Treehaven Resident Ecologist position at Treehaven, currently held by Kevin Burns.

• **Helen R. Godfrey Estate** - $94,294.65 to support Treehaven, Joanis Lake/Schmeeckle Reserve, and a new freshman scholarship endowment in Helen Godfrey’s name.

• **Gerald & Helen Stephens** (Savannah, Ga.) two gifts totaling $137,449.75 to create the Doug Stephens Wildlife Research Fellowship endowment in support of the Boone & Crockett Chair of Wildlife Project.

• **Herb & Lenore Behnke Scholarship** raised $19,355 through 40 gifts from 37 donors for this new scholarship endowment. The inaugural scholarship was awarded on Nov. 3, 2011.

• **Kopmeier Family Fund/Greater Milwaukee Foundation** (Milwaukee, Wis.) $20,000 to support the Treehaven Inner City Environmental Program which provides outdoor experiences at the Treehaven field station for Milwaukee’s inner city youth. Fund representative William Kummer is a longtime benefactor of UW-Stevens Point and the College.

• **Gutgsell Family Foundation** (River Forest, Ill.) $8,000 to initiate the Gutgsell Environmental Research Fund to support student research under the direction of Kyle Herrman (water resources).

• **Bill Sylvester memorials** (Bill was an emeritus forestry faculty member who died August 2011). - $10,645 in memorial gifts for the William & Ruth Sylvester Endowment for Treehaven from 37 donors.

• Established **Christine and Stanton Thomas Natural Resources Leader Endowment** (scholarship) - $9,550 in gifts to initiate the endowment, including a $5,000 gift from a close friend of the Thomas family.

• Established the **Daniel O. Trainer International Studies Scholarship Endowment** - $10,000 in gifts in 2011. The inaugural scholarship was awarded spring 2012.

• Established the **Ray & Almut White Endowment** - $55,023.58 in new support, including a $20,000 initial gift from the Whites, plus a $35,023.58 transfer of assets from an existing fund at UW-Foundation in Madison.
Alumni Impact

There are two significant ways you can help us continue to be the nation’s leading undergraduate natural resource program.

Make a gift. With decreasing levels of state support, your financial gift can provide the college with the support it needs to continue to produce the excellent graduates for which we are known. You can give online at www.uwsp.edu/givenow. If you would like to mail in a donation, please make checks payable to the “UW-Stevens Point Foundation - CNR” and send to: UW-Stevens Point Foundation, 2100 Main Street, Stevens Point, WI 54481. If you have questions on giving please contact Steve Menzel at 715-346-2032 or Steve.Menzel@uwsp.edu.

Share your story. We love to hear from our alumni! Hearing what you have been up to since graduation builds pride among our faculty, staff and students; helps us to obtain grants and gifts from other sources; and makes a fun addition to our newsletter. We have created an easy way for you to share your stories online at www.uwsp.edu/cnr under Alumni & Giving.