



College of Natural Resources

Annual Report 2007

For the fiscal year beginning July 1, 2006 and ending June 30, 2007

■ Ongoing CNR initiatives and noteworthy accomplishments

Academic Initiatives/Accomplishments

• Graduation

- 244 undergraduate students in the CNR received bachelor degrees in FY 2007 (Aug. '06, Dec. '06, May '07) including numbers in the following majors:

- Forestry67
- Resource Management.....61
- Soil & Waste Resources.....16
- Water Resources26
- Wildlife73
- Paper Science1



- 37 graduate students in the CNR received master's degrees in FY 2007.

• Job Placement

- 78% (159) of 2006 CNR graduates found employment in their field of study or elected to pursue further schooling; 14% found employment outside of their field of study.
- 57% of 2006 CNR graduates who reported employment are working in Wisconsin; the remainder found jobs in 26 states and 1 foreign country.

• Student Internships

- CNR placed 120 students in paid intern positions with about 50 state, federal, municipal and private agencies, with an annual payroll of over \$245,238.

• Summer Field Training Programs

- 191 natural resource majors were enrolled in the 2007 "summer camp" training program at Treehaven.
- 42 natural resource majors completed the 2006 European Environmental Studies Seminar Program, and 43 students were enrolled for summer 2007 (alternative to Treehaven summer camp).

• Paper Science & Engineering Department

- UWSP Paper Science Laboratory collaborated with the USDA Forest Service Forest Products Laboratory to create archival quality paper from trees planted by Aldo Leopold for a special hardcover edition of Leopold's classic work, *A Sand County Almanac*.

• Study Abroad Programs

- 69 students participated in study abroad programs during the 2007 fiscal year (excluding GEM Student Ambassador program):

- **Mike Demchik** and **Ian Goldberg** led the Costa Rica Winterim program with 15 students.
- **Bobbi Kubish** and **Edgardo Hernandez-Vazquez** (Mexican partner) led Mexico/Belize Winterim trip with 12 students.
- **Hans Schabel & Kevin Russell** led the 2006 European Summer Seminar Program with 42 CNR students.
- 8 new GEM student ambassadorships were awarded: Stacy Iruk / Katie Stepper (China); Ben Vondra / Adam Washabeck (India); Sam Werner (South Africa); Danae Dandridge / Seth Lenaerts (Kenya); Carly Smith (Guatemala).
- **CNR Colloquium Series** attracted many leading experts in resource management - statewide and nationally - to be guest speakers:

- **1st semester** – featured a “*Climate Change*” theme and included the following expert presenters: **John Norman**, Professor of Soil Science and Atmospheric and Oceanic Science, UW-Madison; **Ken Menningen**, Associate Professor of Dept. of Physics and Astronomy at UWSP; and **John Magnuson**, Emeritus Professor of Zoology and Limnology, UW-Madison.
- **2nd semester** – featured a “*Climate Change*” theme and included the following expert presenters: **Dale Robertson**, Research Hydrologist, U.S. Geological Survey, Middleton, WI; **Eric Singasaas**, UWSP Assistant Professor of Biology; **Jeannine Richards**, Aldo Leopold Foundation, Baraboo, WI.



John Magnuson, a national expert on climate change, was a CNR Colloquium Series speaker in November.

- **CNR European Environmental Studies Seminar** marked its 35th year in summer 2006 with a special ceremony in Stuttgart, Germany attended by Chancellor Linda Bunnell, Dean Christine Thomas, Associate Dean Bob Rogers, Emeritus Professor Bob Engelhard and numerous German partners.



CNR Dean Christine Thomas, Friedlinde Gurr-Hirsch, secretary of the agriculture ministry for the German state of Baden-Württemberg, and UWSP Chancellor Linda Bunnell.

- **Boone & Crockett Professorship** – CNR began partnering with the Boone & Crockett Club to lay the groundwork for establishing a Boone & Crockett Professorship (endowed faculty position) in the CNR.
- **New faculty** – CNR hired two new faculty in 2006: **Holly Petrillo**, Assistant Professor of Forestry (entomology), and **Paul Doruska**, Associate Professor of Forestry (forest inventory).
- **Faculty and Staff Achievements**
 - **John Heusinkveld**, Treehaven Assistant Director, and **Jennie Lane**, Director of the K-12 Energy Education Program (KEEP), were recognized by the Wisconsin Association of Environmental Educators (WAE) with the WAE Award and the Aldo Leopold Award respectively.

- **Tom Hayes**, Vallier Treehaven Resident Ecologist, received funding from the highly-esteemed National Science Foundation to support a two-year regional planning effort to enhance science education.
- **Christine Thomas**, CNR Dean, was elected Chair of the Wisconsin Natural Resources Board in January 2007. The Board sets policy for the state DNR.
- **Karen Biasca**, Paper Science & Engineering Department, was promoted to full Professor.
- **Paul McGinley** was promoted to Associate Professor of Water Resources with tenure.
- **Tammy Hanson** was promoted to University Services Program Associate.
- **Carol Schulz** was promoted to Senior Administrative Specialist.
- **Carol Wake** was promoted to Financial Specialist 4 in the Wisconsin Center for Environmental Education.
- **Sara Windjue** was promoted to Outreach Specialist in the K-12 Energy Education Program.
- **Dick Geesey**, Professor of Forest Recreation, received the 2007 University Excellence in Teaching Award, and the 2007 CNR Excellence in Teaching Award – Peer Selection.
- **Mike Demchik**, Associate Professor of Forestry, received the 2007 CNR Excellence in Teaching Award – Student Selection.
- **Jerry Kummer** celebrated 20 years of service in CNR.
- **Christine Thomas**, CNR Dean, received the 2006 College of Science and Technology Distinguished Alumna Award at Central Michigan University.
- **Bob Rogers**, CNR Associate Dean for Academic Affairs, announced his retirement after 23 years at UWSP.
- **Carol Schulz**, Executive Assistant to the Dean, received the 2006 UWSP Academic Staff Spirit of Community Service Award.
- **Sue Kissinger**, CNR Advising & Recruitment Coordinator, received the 2006 UWSP Academic Staff Excellence Award.
- **Corky McReynolds**, PhD, Director of CNR's Treehaven field facility since 1985, has authored a peer-reviewed booklet titled, "Director's Guide to Best Practices – The Search for Extraordinary Leadership."



Bob Rogers retired after 23 years at UWSP

Outreach and Extension Initiatives/Accomplishments (selected highlights from various units)

- Eight acres of land will soon be added to the southeast corner of Schmeeckle Reserve, increasing its size to 283 acres. The land is being donated as part of a subdivision development project. This addition will protect Moses Creek within the Reserve from North Point Drive to Maria Drive. Plans are underway to restore the channelized creek to its original meanders and wetland areas.
- CNR Emeritus Professor **Michael Gross**, and **Ron Zimmerman**, Schmeeckle Director and **Jim Buchholz**, Assistant Director, completed an interpretive master plan for the Lost River Cave in Kentucky. The plan will guide the development of visitor services and programming. Funds from consulting are used to support Schmeeckle Reserve.
- Global Environmental Management Education Center – GEM (Director: Victor Phillips):
 - GEM Education Center hosted professionals from 11 nations at the GEM International Conference on Planning for Land Use and Healthy Watersheds, Wingspread Conference Center, Racine, WI, September 2006. The conference was funded by Natural Resources Conservation Service.
 - GEM Education Center conducted the 5th International Seminar on Watershed Management, Sept. 19-Oct. 9, 2006.
 - GEM staff completed the project “Dietetics and Small Garden Systems to Support Antiretroviral Treatment for Families Impacted by HIV/AIDS in Kenya.” In collaboration with Kenyan volunteer health care workers, nurses, sustainable agriculture extension workers and interns, GEM staff and students developed a highly successful training program resulting in over 1,200 individuals trained and 747 small garden systems installed to enhance food security.
 - GEM Education Center hosted the GEM Critical Issues International Seminar series in Stevens Point, following the theme of sustainable communities and featuring speakers from South Africa, Australia and elsewhere.
 - GEM staff member Stan Gruszynski co-chaired the Wisconsin Academy of Sciences, Arts and Letters' project the “Future of Farming and Rural Life in Wisconsin”. The project helped create a vision for a sustainable future for farming and rural living in Wisconsin.
 - GEM Student Ambassadors. In 2006, College of Natural Resource students served ambassadorships in Mexico, Guatemala, China and Kenya, where they worked with local populations on applied natural resource projects.



Installing small garden systems in Kenya.

- GEM Education Center conducted a Permaculture Design Certificate Course, an intensive, 72-hour course in sustainable living systems design.
- Center for Watershed Science & Education – CWSE (Director: George Kraft)
 - Provided jobs and hands-on learning experiences for about 20 student employees with a total payroll of about \$50,000.
 - Assisted thousands of Wisconsin citizens with water quality testing and interpretation for their home wells, lakes and streams.
 - Working with scores of lake and stream groups on low water level issues
 - Providing research on controlling agricultural runoff
 - Provided key technical involvement in developing state groundwater pumping law.
 - Developed groundwater quality summary reports to dozens of Wisconsin counties. CNR's Center for Land Use Education (CLUE) continued work on a multi-year \$380,000 project to document and analyze the long-term trends in land subdivision in a set of rural Wisconsin communities. CLUE staff is working with local planning committees and agencies to jointly develop strategies for managing the unintended negative consequences of land subdivision, or parcelization. (Director: Anna Haines)



Last year, about 20 students were employed by the Center for Watershed Science & Education.

- CNR received \$1,689,575 to continue management of the U.S. Environmental Protection Agency's (EPA) National Environmental Education Training Partnership. In the partnership, UWSP works with seven other training providers across the country to enhance the nation's environmental literacy. (Director: Distinguished Professor Richard Wilke)
- K-12 Energy Education Program – KEEP (Director: Jennie Lane)
 - Nearly 500 teachers participated in graduate courses offered through CNR's KEEP program.
 - KEEP's Bright Idea Fundraiser—students selling compact fluorescent light bulbs to raise money for their school—involved 67 schools, clubs, and churches. These organizations sold a total of 31,237 bulbs and earned \$62,474. The groups saved their customers a total of \$1,733,911 and reduced CO2 emissions by over 52 million pounds over the lifetime of the bulbs.
 - KEEP again hosted the Educator Tent at the 18th Renewable Energy and Sustainable Living Fair in Custer Wisconsin June 15, 16, and 17. Over 810 people visited the Educator Tent; an additional 580 people attended sessions in the

Educator Tent; a very successful year with 14 workshops and many hands-on resources.

- Wisconsin K-12 Forestry Education Program – LEAF (Director: Sterling Strathe)
 - LEAF reached teachers in 197 public school districts in Wisconsin, representing 45% of the state’s districts.
 - LEAF consulted with 26 districts working on their school forest education plans. This included 7 regional workshops and 7 school forest visits during 2006.
 - The teachers of an estimated 86,352 students are now trained to use LEAF education resources.

College-Wide Integrating Initiatives:

- **CNR Student Mentoring Network Program**
GEM staff continued to maintain the web-based CNR Student Mentoring Network, a network of alumni of the UW-Stevens Point College of Natural Resources who have volunteered to provide counsel and advice on employment choices, vocational advancement, occupational outlooks and other career-related questions for CNR students. (<http://cnrapps.uwsp.edu/mentor/>)
- **CNR News** – published the annual CNR newsletter in March 2007, a 16-page full-color tabloid piece, and mailed it to nearly 8,000 alumni, donors and friends of CNR.
- **CNR Retirement & Awards Recognition Dinner** – This 2nd annual event, held May 7, 2007 at Sentry World High Court, was attended by 86 people and honored retirees *Hans Schabel, Laura Felda-Marquardt, Richard Geesey, Wes Halverson, Phyllis Peri, Robert Rogers*. In addition, the College presented 10 service and achievement awards, including the CNR Environmental Leader Award to the Wisconsin Chapter of The Nature Conservancy.
- **2007 CNR Student Research Symposium** -- A CNR highlight event, held April 20, 2007, featured 56 student presenters participating in 21 oral presentations and 24 poster presentations (more details below).



Poster presentations at the 2007 CNR Student Research Symposium.

Diversity Initiatives and Activities

- Treehaven hosted 34 children and their chaperones from Milwaukee's Grand Avenue Middle School in March 2007 for a four-day program that gave the students an opportunity to learn about the environment and receive first-hand experience in outdoor skills and activities. The program, in its tenth year, was made possible by a grant from the Kopmeier Family Fund of Milwaukee and longtime Treehaven benefactor, Dorothy K. Vallier.
- Continued efforts to recruit diverse members of the resource management profession in all faculty search-and-screens and all advisory boards associated with the CNR.

- See numerous GEM Education Center accomplishments under “*Outreach and Extension Initiatives/Accomplishments*”.

■ **Activities and Accomplishments in Student-Centered Excellence**

- **2007 CNR Student Research Symposium** – An annual CNR highlight event established in 2000 by former Dean Victor Phillips to celebrate student excellence in research. This year’s Symposium, held April 20, 2007, featured 56 student presenters participating in 21 oral presentations and 24 poster presentations. Since 2000, a total of 354 student scholars have now presented applied research and community service project results in eight annual CNR Student Research Symposia. The 2007 event was made possible through a generous gift from John Meyer of Peoria, Arizona.
- **CNR Rendezvous Awards Program** – This annual spring event was held on April 20, 2007 SENTRY Theater and attended by over 300 people; distributed 262 student scholarships totaling \$195,235 contributed by about 80 sponsors, including individual donors, conservation clubs, businesses, and conservation organizations; presented 9 outstanding student awards and *Michael Demchik* was selected by students for the CNR Outstanding Teaching Award.
- *Lester Dillard*, a master’s candidate in the CNR, placed first in student oral presentations at the 13th annual conference of The Wildlife Society held in Anchorage, Alaska in 2006. Dillard’s oral presentation was titled “*Landscape-scale Models to Predict Distribution of Cheat Mountain Salamanders in Forests of West Virginia.*”
- *Adam Freihoefer*, CNR alumnus and graduate student ('02, Water Resources), was named the best student presenter for a talk he gave at the American Water Resources Association national conference in Baltimore.
- **Earth Day Fellowships** – Five CNR graduate students were awarded \$2,000 Gaylord Nelson Earth Day Fellowships in spring 2007 in recognition of significant contributions to promoting conservation ethics and environmental education and for exhibiting future leadership potential in the field of environmental education. The students were: *Ginamaria Javurek, Eau Claire, WI; Theresa Ford, Rosendale, WI; Cortney Schaefer, Grand Island, NB; Yu Wang, Kunming, China; and Rainey Kreis of San Pedro, CA.*
- **UWSP’s 2nd Ford Fellow** – *Ximin Wang*, a native of Taizhou, China, became the 2nd recipient of the prestigious Ford Fellowship to attend UWSP.
- **10th Annual CNR Career Fair**, held on Feb. 15, was a big success, attracting 30 firms that hosted booths at the fair. An important recruitment venue for employers, over 300 students attended this year’s event to obtain information on summer jobs, internships and permanent positions.



Adam Freihoefer was named best student presenter by AWRA.

■ **Activities and Accomplishments in Partnerships**

- *Mike Demchik*, Associate Professor of Forestry, collaborated with Prof. Dan Dieterich’s publishing class to publish his first book, entitled “*The Soul of a Place.*”
- CNR faculty, staff and students earned 28 *intramural* grants in FY '07, totaling \$18,094.00.

- CNR faculty and staff earned 88 *extramural* grants totaling \$5,105,785 in FY '07 (excludes pending grants).

Partners include:

- Association Liaison Office for
- Blandin Foundation
- Clark Lake Association
- County of Dane
- Dorothy Inbusch Foundation, Inc.
- Fond du Lac County
- Friends of Rib Mountain
- Glacierland RC&D
- Great Lakes Fishery Commission
- Huron Mountain Wildlife
- Hydrite Chemical Company
- Illinois Route 66 Heritage Project
- Indiana Department of Natural
- Langlade County
- Marathon County Land
- Marinette County
- Marquette University
- Melinda Gray Ardia Environmental
- Menominee Indian Tribe of WI
- Rocky Mountain Elk Foundation
- Shawano County
- Spirit Reservoir Association
- Stevens Point Area Public School
- Stevens Point Water & Sewage
- Stora Enso
- U.S. Dept of Interior - Geological
- U.S. Environmental Protection
- U.S. Fish & Wildlife Service
- Upper St. Croix Lake Association
- USDA Forest Service
- UW System Institute on Race and Ethnicity
- UW Water Resources Institute
- UW-Extension
- Village of Plover
- Whiting Utilities
- WI Association for Environmental Education
- WI Department of Administration
- WI Department of Transportation
- WI Dept. of Natural Resources
- WI Environmental Education Board
- Wisconsin Arborist Association

■ **Development Success**

Total Gifts of Cash or Stock in FY 2007 (7-1-06 to 6-30-07).....\$485,647.95

- 538 gifts from 403 donors
- Increased CNR endowment principle by over \$250,000 in FY 2007 (\$2,962,701.54 in 2007 vs. \$2,711,983.32 in 2006)

Highlights of new support committed over the past 12 months:

- **John R. Meyer** (Peoria, AZ) – \$100,000 to establish the John R. Meyer Fund for the CNR.
- **2006 CNR Fall Migration Banquet** – \$15,313 in net proceeds from this 2nd annual event to raise money for the CNR Endowment Fund. Over 150 attendees – alumni and friends of the College – participated in live auctions, silent auctions, and raffles. The event theme for 2006 was “60 Years of Conservation Education.”
- **Marvin and Sandra Kramer** (Waupaca, WI) – \$10,000 for five Kramer Family GEM International Studies Scholarships, and five Marvin and Sandra Kramer Summer Academic Scholarships



Sam Werner, Amherst, WI, worked on a project in the Liesbeek River Catchment in Cape Town, South Africa, made possible by a 2007 Kramer Family GEM International Studies Scholarship.

- (Treehaven and European Environmental Studies Program)
- **Dorothy K. Vallier** (Milwaukee, WI) – \$52,446 to Treehaven “See the Future” Capital Campaign.
 - **Dorothy K. Vallier Foundation** (Milwaukee, WI) – \$93,256 to support the Vallier Treehaven Resident Ecologist position at Treehaven.
 - **Greater Milwaukee Foundation/Kopmeier Family Fund** (Milwaukee, WI)
 - \$15,000 to the Treehaven Grand Avenue School Program
 - \$10,000 to the Dorothy Kopmeier Vallier Treehaven Scholarship Endowment, bringing the endowment corpus to \$30,000.
 - **Des Plaines Wetlands Conservancy** (Pleasant Prairie, WI) – \$43,750 in 56 gifts from 21 donors to establish two new scholarship endowments in honor of noted Wisconsin conservationist Phil Sander, who passed away at age 99 in 2006:
 - Phil Sander Memorial Freshman Conservation Endowment
 - Phil Sander Memorial Undergrad Conservation Endowment
 - **Timothy G. Kroeff** (Sturgeon Bay, WI) – \$5,410 to the Timothy G. Kroeff Field Scholar endowment, which provides scholarship awards to worthy UWSP natural resource undergraduate students who serve as seasonal teaching assistants in water resources or wildlife at the UWSP College of Natural Resources’ “summer camp” field training sessions at Treehaven. In less than 2 years, Mr. Kroeff has grown the endowment to \$17,858.94. The award from this endowment was given in April 2007 to **Nathan Zabel**, a sophomore from Rochester, MN majoring in Environmental Education & Interpretation.
 - **Madison Fishing Expo** (Madison, WI) – \$5,000 to the Madison Fishing Expo Water Resources Endowment, building the endowment corpus to over \$48,000.
 - **National Shooting Sports Foundation** (Newton, CT) – \$14,000 to support the Becoming An Outdoors-Woman national program at UWSP.
 - **Friends of John Ross** contributed over \$6,000 in memorial cash contributions and in-kind donations to establish the John & Nancy Ross Amphitheater in Schmeckle Reserve. The site was dedicated in a ceremony held on Oct. 7, 2006.
 - **Neal and Diane Nelson** (Marshfield, WI) – \$2,800 to Schmeckle Reserve to create a new memorial stone path as part of the UWSP Student Memorial located in the Reserve. The gift was made in memory of their son, Dustin, a CNR student who died in spring 2007 in a canoeing accident in northern Wisconsin.
 - **Thomas A. Plein Foundation LTD** (Henderson, NV) – \$25,000 to establish the Thomas A. Plein Scholarship Endowment for CNR students

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