

**Collaborations among  
UW-Madison, UW System and UW System Institutions**

(February 21, 2011)

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### **A. Collaborative and Dual Degree Programs**

<b>Collaborative Degree Program</b>	<b>Partner Institutions</b>
Dual Degree - BS in Physics, BS in Engineering	EAU, LAC, OSH, RVF, WTW
BS in Nursing (Collaborative Program)	EAU, GBY, MIL, OSH
Dual Degree - BS in Chemistry, Comp Sci, or Math, BS in Engineering	LAC
MS in Educational Leadership & Policy Analysis	OS, WTW
Doctor of Audiology	STP
PhD Art History/PhD Architecture Partnership	MIL
Master of Social Work Part-time Program	EAU

About the Doctor of Audiology - important collaborative program with UW Stevens Point... this is one of very few programs in Wisconsin that educates professional Audiologists

PhD Art History/PhD Architecture - a model for how two research doctorates might collaborate. The two programs together have established a national reputation in vernacular architecture that exceeds what either program was able to do alone.

Master of Social Work Part time program at UW Eau Claire - very important partnership with UW EC to offer social work. Essential for SW education in the Chippewa Valley and the NW part of the state. We couldn't do this without UWEC's partnership.

BS Nursing at Gundersen Lutheran Clinic, not listed above but partnership with UW LaCrosse is vital to the success of that program.  
BS Nursing Collaborative Program - also a very important partnership with four other UWs.

## **B. Transfer Agreements**

### **1. UW-Madison Connections Program**

#### **Partner Campuses**

All of the University of Wisconsin Colleges two-year campuses participate in the UW–Madison Connections Program, as do many of the UW four-year campuses and several technical and tribal colleges.

Our Connections partner campuses are:

#### **Two-Year Campuses**

- [UW–Baraboo/Sauk Co.](#)
- [UW–Barron County](#)
- [UW–Fond du Lac](#)
- [UW–Fox Valley](#)
- [UW–Manitowoc](#)
- [UW–Marathon Co.](#)
- [UW–Marinette](#)
- [UW–Marshfield/Wood Co.](#)
- [UW–Richland](#)
- [UW–Rock County](#)
- [UW–Sheboygan](#)
- [UW–Washington Co.](#)
- [UW–Waukesha](#)
- [Madison Area Technical College](#)
- [Milwaukee Area Technical College](#)
- [Nicolet Area Technical College](#)
- [College of Menominee Nation](#)

#### **Four-Year Campuses**

- [University of Wisconsin–Green Bay](#)
- [University of Wisconsin–Parkside](#)
- [University of Wisconsin–River Falls](#)
- [University of Wisconsin–Stevens Point](#)
- [University of Wisconsin–Stout](#)

### **2. Guaranteed Transfer Program**

The University of Wisconsin–Madison participates in the University of Wisconsin Colleges Guaranteed Transfer Program. To participate in the program, students must begin as freshmen at the UW Colleges and submit a *Declaration of Intent to Participate* to UW–Madison’s Office of Admissions prior to completing 30 credits at a UW Colleges campus.

#### **UW Colleges**

Our 13 [UW Colleges](#), located throughout Wisconsin, offer general education and foundation courses for more than 200 majors. Campuses are located in Baraboo/Sauk County, Barron County, Fond du Lac, Fox Valley, Manitowoc, Marathon County, Marinette, Marshfield/Wood County, Richland, Rock County, Sheboygan, Washington County, and Waukesha.

### 3. Transfer Contracts

A transfer admission program for students who begin in an associate degree program at one of the participating two-year colleges, namely: College of Menominee Nation, Madison Area Technical College, Milwaukee Area Technical College, or Nicolet Area Technical College. The following PDFs will provide more information:

- [Transfer Contract](#) (PDF, 258K)
- **College of Menominee Nation**
  - [Checklist and Worksheet](#) (PDF, 81K)
  - [Curricular Requirements](#) (PDF, 52K)
  - [Online Resources](#) (PDF, 63K)
- **MATC Madison, MATC Milwaukee, and Nicolet College**
  - [Checklist and Worksheet](#) (PDF, 96K)
  - [Curricular Requirements](#) (PDF, 55K)
  - [Online Resources](#) (PDF, 63K)

## **C. Intercampus Research Projects**

### **1. UW-Madison/UW-Milwaukee Intercampus Research Grants**

2010-11 and 2011-12

Eight hybrid teams of faculty from the University of Wisconsin-Milwaukee (UWM) and the University of Wisconsin-Madison have been awarded the first batch of Intercampus Research Incentive grants, awards designed to foster inter-institutional collaboration.

The awards, announced today by UW-Milwaukee and UW-Madison, total \$398,000 and will support a suite of projects ranging from the development of new materials to combat air pollution to the use of algae to clean wastewater and generate energy. Each award is in the range of \$50,000 for one year.

The Intercampus Research Incentive Grants Program, announced in January by UW-Madison Chancellor Biddy Martin and UW-Milwaukee Chancellor Carlos E. Santiago, is an initiative to foster research projects and scholarship undertaken jointly by researchers at the two institutions.

The program is funded by UW-Madison and UW-Milwaukee donors. Projects were selected by a committee of faculty and administrators from both institutions.

Projects funded by the new initiative in 2009-10 include:

- The use of algae for wastewater remediation and bioenergy production. Linda Graham, UW-Madison, and Erica Young, UW-Milwaukee.
- Synthesis and characterization of gold nanoparticles for cell-based therapies. Marija Gajdardziska and Julie Oliver, UW-Milwaukee, and Ralph Albrecht and Paul Voyles, UW-Madison.
- Enzymes as possible treatments for infections. Rob Striker, UW-Madison and Andrew Ulijasz, UW-Milwaukee.
- Nanoscale film sensors for use in advanced manufacturing. Xiaochun Li, UW-Madison and Chris Yuan, UW-Milwaukee.
- Laser-assisted cold gas spraying for energy manufacturing. Tien-Chien Jen, UW-Milwaukee and Frank Pfefferkorn, UW-Madison.
- Photocatalytic and superhydrophobic materials to combat air pollution. Marc Anderson, UW-Madison and Al Ghorbanpoor and Konstantin Sobolev, UW-Milwaukee.
- Improving detection and infrastructure to better treat diabetic retinopathy. Amir Assadi, F.M. Assadi-Porter and Nader Sheibani, UW-Madison and Hao Zhang, UW-Milwaukee.
- Psychological and neurological effects during fear conditioning in psychopathic offenders. John Curtin, Michael Koenigs and Joseph Newman, UW-Madison and Fred J. Helmstetter and Christinie Larson, UW-Milwaukee.

## 1. Examples of Collaborative Projects by School/College

**This is not an exhaustive list of collaboration, but is intended to provide examples of the range of collaborations that UW-Madison faculty and staff have with other System institutions that we intend to continue.**

### CALS

- **John Shutske, Associate Dean of CALS Extension and Outreach:** The CALS-led Consortium for Extension and Research in Agriculture and Natural Resources (CERANR) provides \$125,000 for cooperative research led by faculty and staff located at UW-Madison, -Platteville, -River Falls, and -Stevens Point. The effort focuses on building collaborative partnerships around critical state research needs.

Shutske also manages the \$6.5 million inter-institutional agreement between UW-Extension and the College of Agricultural and Life Science that funds approximately 100 CALS integrated faculty (tenured/tenure track), academic staff, and classified staff. These individuals carry out applied research and educational programs within the Agriculture and Natural Resources; Community, Natural Resources, and Economic Development; and Family Living program areas. All integrated faculty work within the College's departments. In addition, this arrangement involving the CALS Associate Dean involves direct oversight of similar, but smaller agreements that fund 11 integrated faculty specialists at UW-Platteville and UW-River Falls.

- **Elaine Andrews, Director of the Environmental Resources Center:** The integrated CALS Environmental Resources Center (ERC) collaborates with UW-Extension on a range of environmentally-focused outreach and applied research projects with UW LaCrosse Archaeology Center; UW Parkside; UW Stevens Point – College of Natural Resources; UW-Green Bay, Cofrin Center for Biological Diversity; UW-Lake Superior Research Institute; UW Stevens Point – Treehaven Field Station; UW Stevens Point – Central WI Environmental Center; UW Stout; and the UW-Superior Macro Invertebrate Lab.
- **Troy Runge, Director of the WI Bioenergy Initiative and Assistant Professor in Biological Systems Engineering:** Within his work as a faculty member and WBI Director, Dr. Runge supervises a graduate student who works on the UW Stevens Point campus but is completing her program in CALS/BSE. Runge also works on the creation of a curriculum for a bioenergy minor/certificate between UWSP and UW Madison.
- **Susan Nitzke, Department Chair of Nutritional Sciences:** UW-Madison's Nutritional Sciences Department is the home base for a USDA Higher Education Challenge Grant that allows CALS to work with five partner institutions to expand opportunities for undergraduate dietetics students to gain experience with public health and community

nutrition. These participating colleges and universities are UW-Madison, UW-Stevens Point, UW-Stout, UW-Green Bay, Viterbo University and Mount Mary College.

- **Mark Rickenbach, Associate Professor of Forest and Wildlife Ecology:** Works on applied research with Melinda Vokoun of UW-Stevens Point - College of Natural Resources on a project to investigate Wisconsin's logging sector capacity related to traditional wood products and bioenergy. The project is funded through the Wisconsin Bioenergy Initiative.
- **Michelle Miller, Associate Director of Center for Integrated Agricultural Systems (CIAS):** Cooperates through CIAS with UW-River Falls on projects focused on ecologically-friendly fruit production; with UW-Green Bay on a joint Xerces/CIAS native pollinator project; and with UW-Eau Claire, UW-Oshkosh, UW-Fox Valley, UW-Marathon County, UW-Stevens Point, UW-Barron County, UW-River Falls, UW-Whitewater regarding campus food sustainability issues
- **Scott Bove Associate Professor of Forest and Wildlife Ecology:** Collaborates extensively with UW-Stevens Point for forestland owner and forest industry outreach programming. These collaborative efforts include Dr. Robert Govett of UW-Stevens Point and John DuPlissis, UW-Stevens Point Forestry Outreach Specialist.
- **David Thomas, Department Chair in Animal Sciences:** Within the Animal Sciences Department, the Director of the UW-Madison Aquaculture Program, Dr. Jeff Malison, holds a 50/50 split appointment with UW-Stevens Point, serving as co-director of the UWSP Northern Aquaculture Demonstration Facility. Additional teaching from Animal Sciences occurs with UW-Stevens Point, Department of Biology. The Department collaborates with UW-Platteville on the Academic Quadrathlon. This Department also cooperates on health-oriented research with UW-Milwaukee.
- **Eileen Cullen, Associate Professor of Entomology:** Directs a USDA Organic Agriculture Research and Extension Initiative project that includes activities to develop a multi-institutional partnership between UW-Madison and UW-Colleges. The main UW-Colleges partner is UW Marathon County and Dr. Paul Whitaker of Biological Sciences. These arrangements also include interdisciplinary course curriculum development around the science and sociology of organic agriculture offered at UW-Marathon county and simultaneous, interactive point-to-point video at UW-Fox Valley.

## **Business**

- Wisconsin School of Business collaboration with UW-Milwaukee on Chancellor's Degree for **Executive MBA for Kohls**.
- The Center on Business and Poverty supports and disseminates high-quality research into ways in which businesses can help globally improve the long-term economic stability and well-being of their low-income employees. The center helped start the **Urban**

**Entrepreneur Partnership** in Milwaukee. Collaborators include Aurora, UW Hospital and Clinics, Food Fight, TDS, Office of the Mayor of Milwaukee, UW-Milwaukee.

## Continuing Studies

- The Wisconsin High School Theatre Festival, a three-day experience for high school students, is held on the UW-Madison campus. It includes educational workshops and Forensic
- One-Act pay competition. Collaborating institutions include UW-Whitewater, UW-Stevens Point, UW-LaCrosse, Viterbo University, and UW-Oshkosh.
- UW-Extension assigns Fund 104 and some other resources (generally federal and state agency funds)—including General Purpose Revenue, Spending Authority, and FTE—to UW-Madison to ensure access to specialized research knowledge and expertise, and to support noncredit professional development and personal enrichment programming and credit programming designed to meet the needs of nontraditional learners. These resources are transferred as a result of ongoing negotiations between the UW-Extension divisions and various UW-Madison academic units. The Division of Continuing Studies manages the flow of information, resources, and programming commitments in support of the extension function.
- In Fiscal Year 2010-11, DCS is responsible for managing approximately \$ 19.0 million in General Purpose Revenue (Fund 104), \$32.8 million in Program Revenue, and \$1.7 million in other funds (a mix of federal and state agency funds). Over 360.0 FTE are budgeted using UW-Extension funding.
- Also attached, is information about the IIA additional funds (funds that flow thru UW Extension other than fund 104). The experts on the Madison campus for these funds are the school/colleges indicated under the column headed "Madison-School/College". We receive base amounts on the annual IIA for these funds. During the year we receive various addenda and corresponding budget transfers for these funds. In some cases, mostly for the federal funds, these addenda and transfers can represent significant amounts. Sometimes funding for various positions or the FTE's are not included in our base IIA budget, but there can be both long standing and newly negotiated agreements that the funding and FTE will be provided as an addendum during the fiscal year. In addition, the federal funds require state match. It would be important to include CALS, SoHE, and School of Business in the conversation before making decisions on budget items for these funds because of their unique expertise and knowledge of these funds.
- Consideration also needs to be given to the fact that UW-Extension staff provide much of the expertise and time and effort for the federal grants involved, including grant applications, federal reporting, and perhaps additional state match. UW-Madison does not currently have the expertise or staffing for this function.
- Finally, I should mention that we rely heavily on the UW-Extension registration office and the Pyle Center for much of our outreach programming. While this is not a contractual arrangement it would have a profound impact on us if our relationship with UW-Extension became less collegial.



## Engineering

- \* **Wisconsin Energy Research Consortium (WERC)** with UW-Milwaukee.
- \* **Center for Research in Energy Systems (CRES)** with UW-Milwaukee.
- \* **Wisconsin Energy Institute (WEI)** with UW-Stevens Point and others.
- \* Engineering Professional Development's **Camp Badger** will hold a session this year at UW-River Falls.
- \* **Wisconsin Alliance for Minority Participation (WiscAMP)**; all UW System campuses are members.
- \* Informal collaboration with the State Science Olympiad vice president at UW-Stout.

## Human Ecology

- Southern Child Welfare Training Partnership provides professional development training for public child welfare staff, offering both required foundation courses for new workers and continuing education for experienced staff. Collaborators include the Wisconsin Dept. of Child and Families, county human services agencies, UW Green Bay, UW River Falls, and UW Milwaukee.

## International Studies

- \* The **President's Task Force on Economic Development** is co-chaired by Dean Gilles Bousquet and David J. Ward. It examines how international expertise and global connections across UW System campuses can contribute to the state's economic development in the new economy and enhance Wisconsin's attractiveness to global investors. The task force partners with state agencies, regional economic development groups, technical colleges, University Research Park, industry groups, and others.
- \* The **Council on International Education** incorporates a core International Advisory Council w/ System and campus reps and is directed by Stephen Kolison. Activities will go beyond study abroad to include campus internationalization.

## L&S

- \* The **UW System Collaborative Language Program (CLP)** provides critical language

instruction to university campuses otherwise unable to support these offerings. It is a grant-funded program to spread the wealth of language instruction to adult learners.

\* Some UW System institutions send their students to use a .9 meter **WIYN**-managed **telescope** (UW-Madison, Indiana, Yale and National Optial Astronomy Observatory) on Kitt Peak, in Arizona.

\* The UW Survey Center is hired by faculty and staff across the UW System and UW Extension, as well as policy planners and researchers at state government and NGOs to collect social science data. The center conducts public opinion polls such as Badger Poll, and tracks Wisconsin opinions.

\* LACIS is required by the Title VI allocation to collaborate with UW Milwaukee. Most of the collaboration is in the form of outreach and public education activities rather than academic programming

\* The School of Library and Information Studies (SLIS) is part of UWSSLEC, the **UW System School Library Education Consortium**, a collaborative program to offer online courses to prepare school library information specialists. Participating institutions are Eau Claire, Madison, Oshkosh, Superior, Whitewater . This is not a degree program.

\* Urban and Regional Planning: Existing partnerships are with the four faculty we have (2 in L&S and 2 in CALS) who hold joint appointments with the Community, Natural Resource, and Economic Development program area of Cooperative Extension within UW-Extension. Over the years URPL has also had several faculty members participate in grants that are part of the **UW Consortium for Extension and Research in Agriculture and Natural Resources** (the consortium includes CALS and units at UW-River Falls, UW Platville, and UW Stevens Point) though they do not have any current Consortium grants. Brian Ohm was an affiliate faculty member of the Center for Land Use Education at UW-Stevens Point, and still has some interaction with them.

## **Libraries**

\* The UW Digital Collections Center (UWDCC) collaborates with UW System faculty, staff and librarians to create a provide access to digital resources that support the teaching and research needs of the community, uniquely document the university and state of Wisconsin, and provide access to rare or fragile items of research value. In recent years, the UWDCC has partnered with UW-Madison departments, may UW System campuses, Wisconsin public libraries, the Wisconsin Historical Society, the Wisconsin Humanities Council and other entities to create digital resources that facilitate research and instruction for a variety of web-based learners.

## **SMPH**

\* The **Wisconsin Genomics Initiative** is a partnership involving UW-Madison, the Marshfield Clinic, the Medical College of Wisconsin, and UW-Milwaukee.

\* The SMPH also has a partnership among UW-Milwaukee and Aurora Health Care in the **Center for Urban Public Health (CUPH)**. This research institute is housed in space provided by Aurora in Milwaukee, and receives financial and in-kind support from all three entities.

\* Our **Rural and Urban Scholars in Community Health (RUSCH)** program is a medical student pipeline program we set up with UW-Milwaukee and UW-Platteville. Undergraduates who are interested in medicine are invited to participate in a summer enrichment program at our school. They then return to their campuses, where they have opportunities to shadow physicians in their community and to engage in other enrichment activities. We are working on a possible "early acceptance" program for the top participants in the program. Hope this is helpful.

\* The UW Native American Health Working Group convenes a monthly working group of researchers, faculty, program managers and students working on projects related to American Indian health, in collaboration with 11 of Wisconsin's American Indian tribal communities and the Milwaukee Indian Health Board. The group maintains liaisons with the Great Lakes Inter-Tribal Council and the Wisconsin Tribal Health Directors' Association, and assists in program development and tribal-academic partnerships. Additional System partners include UW-Milwaukee and UW-Stevens Point.

### **Nelson Institute for Environmental Studies**

The Nelson Institute for Environmental Studies established and maintains a significant opportunity for collaboration among UW System faculty through the **Wisconsin Initiative on Climate Change Impacts (WICCI)**. The project includes more than 80 collaborators from eight UW System campuses and entities, including UW-Madison, UW-Milwaukee, UW-Green Bay, UW-Stevens Point, UW-La Crosse, UW-Manitowoc, UW Extension, UW Sea Grant. More than 80 UW System faculty and staff serve on the WICCI Science Council or on scientific working groups, which provide structure and opportunity for collaboration with colleagues from other System campuses to analyze the potential impacts of climate change on natural and human systems. These working groups also include representatives of several state and federal agencies, tribal organizations, municipalities, professional associations, non-profit organizations, businesses and other stakeholders.

### **Nursing**

Since its founding in 1924 as the first university nursing program in Wisconsin, the UW Madison School of Nursing's work has reached across the state. The school was instrumental in the creation of a nursing program at UW Milwaukee in 1965, and nursing graduates from UW Madison are in faculty and leadership positions in the other UWS nursing programs at Eau Claire, Green Bay,

Oshkosh and Milwaukee as well as in most of the Wisconsin Technical College nursing program across the state.

Today, UW Madison School of Nursing leads several collaborative initiatives involving UW System and Wisconsin Technical College nursing programs designed to improve the quality of nursing education in Wisconsin.

- The UW Madison School of Nursing led the development of the successful statewide ***BSN@Home program***, a collaborative venture among the five UWS nursing programs (Eau Claire, Green Bay, Madison, Milwaukee and Oshkosh) which ***provides access to online BS courses for graduates of associate degree nursing programs***. This program, begun in 1994, was the first system-to-system articulation agreement between UW System and Wisconsin Technical College System for transfer of academic credits toward a BS degree. In 2004, in cooperation with UW Eau Claire, the UW Madison School of Nursing also established its Western Campus BS program option in partnership with Gundersen Lutheran Health System in La Crosse, thereby creating access to public BS nursing education in that region of the state.
- UW Madison nursing faculty are leading ***Project LEAP***, a Federally-funded project linking UWS and WTCS nursing programs with public health departments across the ***state to improve the quality of public health nursing education and practice, especially in rural parts of the state***. This project has supported partnerships between nursing faculty and public health nursing units to expand placements for basic nursing students, facilitated cooperative engagement on public health activities and created a dynamic network of public health nurses and nurse faculty across the state working to address serious workforce issues. This project has been acclaimed as one of the most innovative initiatives in public health nursing education in the nation, and has just received a second 5-year funding award from DHHS, based on the success of the first five years of the project.
- UW Madison nursing faculty lead ***Project TECHNE***, a Federally funded project involving UWS and WCTS nursing faculty focusing on ***integrating effective new instructional technologies to improve quality of nursing education***. This project allowed nursing faculty across the state to learn to use new technologies, such as high-fidelity clinical simulation, collaboration software, and virtual environments to improve teaching and extend access to nursing education across the state. As a result, faculty have collaborated on the creation of virtual clinical simulation scenarios as well as a teaching/learning site for nursing students in the virtual world of SecondLife, and held four statewide conferences on emerging trends in instructional technologies.
- Nursing programs within the UW System actively collaborate to ensure the availability of needed programs regionally and statewide, and facilitating access to specialty programs for nursing students across the system while avoiding specialty program duplication. As a result of this planning, UW Madison School of Nursing maintains the ***only specialty nursing education programs in pediatric and school health nursing, as well as the only graduate and postgraduate psychiatric-mental health nursing certification programs in Wisconsin***. These programs are of critical importance to Wisconsin, especially to inner city and rural communities as they produce new advanced nurses available for practice and allow existing nurse practitioners and nursing faculty to retool for these fields.

## Pharmacy

\* We visit all the 4-year UW campuses and many of the 2-years to recruit students into the pharmacy program. That involves a long-term relationship with one or more faculty/staff at the campuses and annual site visits to almost all.

## Vet Med

On a more general scope, we are part of the **Consortium for Extension and Research in Agriculture and Natural Resources** (CERANR), which involves the SVM; CALS; UW-Platteville College of Business, Industry, Life Science and Agriculture; UW-River Falls College of Agriculture, Food, and Environmental Sciences; and UW-Stevens Point College of Natural Resources. The CERANR, among other things, operates a small competitive grants program. The meetings of CERANR deans also include representatives of UW-Extension.

### **D. Other Academic Collaborations:**

It is not well known that UW-Madison supports research and scholarship all across the UW System at little or no cost to the other UW campuses.

Over the years the UW-Madison General Library System has negotiated contracts for major databases that have "folded in" the rest of UW System at very small cost and often no cost at all to the colleges and comprehensives.

Many faculty on the other campuses would find it impossible to do research in their disciplines without access to these resources. And, the simple reason why the other UW programs don't have them is that it would be prohibitively expensive to buy the database licenses for the relatively small number of students and faculty and students on each of the individual campuses who need them.

The names of the databases are often recognizable even to people who are not closely involved in the research areas they support. They include:

- All the Nature Research and Review journals now totaling 24 titles. ("Nature," the weekly general science publication, is funded cooperatively through UW System. UW-Madison pays for access to all the rest of the Nature package.)
- The U.S. Government Documents "Serial Set" (the single largest compilation of U. S. government documents online) The publisher, Lexis-Nexis, agreed to make this major database available to all other

campuses except UW-Milwaukee-- which was judged by them to be too large to be a "free rider" -- that is, they think that Milwaukee is big enough to buy a license.

- The massive chemical database known as "Reaxys" which encompasses the two major (and better known) Beilstein and Gmelin databases of chemical structure information, including organic chemical and organometallic patents from 1976 to the present.
- The Brill E-books collection (including Asian Studies, Middle East and Islamic Studies, Classical Studies, etc.) for 2007-2010. This collection was acquired through the CIC's large scale acquisitions program this year and, once again, we managed to have the license include the other UW campuses at no cost.

These are only a few examples that I thought you might find interesting. Also available (not attached) spreadsheet of many more databases and electronic library resources that would not be available to other UW campuses without UW-Madison's capacity to make major database purchases and buy cooperatively through the CIC.