

Active Research as of 4/16/12 Related to Sustainability

	Department	College	End	Title
Sandhu, Devinder	Biology	L/S	5/31/2012	BREAD: An alternate dwarfing system to improve seedling emergence, abiotic stress tolerance, root characteristics and nutrient uptake in wheat and other cereals (funding source: National Science Foundation) - subaward
Hartleb, Chris	Biology	L/S	9/30/2012	GIS-based Analysis of Sustainable Domestic Aquaculture Development in Wisconsin (Shared Grant, Funding source: U.S. Dept. of Commerce, National Oceanic & Atmospheric Administration)
Kraft, George	Center for Watershed Science & Educ	CNR	6/30/2014	Assessment of Natural Resource Conditions for Grand Portage National Monument, Saint Croix National Scenic River, Voyageurs National Park, & Mississippi National River and Recreation Area(Great Lakes Northern Forest CESU) source: National Park Service
Kraft, George	Center for Watershed Science & Educ	CNR	6/30/2012	Information Support for Groundwater Management in the Wisconsin Central Sands
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Lake Protection Classification Grant for Waushara County Lakes - Phase 2 - Grant 2
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Lake Protection Classification Grant for Waushara County Lakes - Phase 2 - Grant 2
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Lake Protection Classification Grant for Waushara County Lakes - Phase 2 - Grant 1
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Lake Protection Classification Grant for Waushara County Lakes - Phase 2 - Grant 1
Turyk, Nancy	Center for Watershed Science & Educ	CNR	12/31/2013	Marathon County Eastern Lakes Project Grant 1 (funding source: WDNR)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	12/31/2013	Marathon County Eastern Lakes Project Grant 2 (funding source: WDNR)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2013	Waushara County Lakes Project Grants 3 & 4 (funding source: WDNR)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Wisconsin River Basin Research Project, Tomahawk through Castle Rock Flowage - Year 2
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Wisconsin River Basin Research Project, Lake Wisconsin Segment - Year 2 (funding source: U.S. EPA)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2012	Wisconsin River Basin Research Project, Tomahawk through Castle Rock Flowage - Year 2 (funding source: U.S. EPA)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2013	Marathon County Eastern Lakes Project Grants 3 & 4 (funding source: WDNR)
Turyk, Nancy	Center for Watershed Science & Educ	CNR	6/30/2013	Waushara County Lakes Project Grants 3 & 4 (funding source: WDNR)
Demchik, Michael	Forestry (CNR WIST)	CNR		Developing American Hazelnut as a Crop for the Midwest
Demchik, Michael	Forestry	CNR	8/31/2012	Improving Bush-type Hazelnuts for Commercial Production Through Cooperative Regional Breeding and Evaluation (funding source: USDA Specialty Crop Block Grant Program/WDATCP/UW-Extension Shared Grant)
Demchik, Michael	Forestry	CNR	9/30/2013	Developing Hazelnut Germplasm for the Upper Midwest - subcontract (funding source: USDA)
Hauer, Richard	Forestry	CNR	9/30/2012	Economics and Emerald Ash Borer Management: A Comparison of Doing Nothing, Preemptive Removal, Replacement and Treatment in the Urban Forest

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Petrillo, Holly	Forestry	CNR	5/31/2012	Beech Bark Disease Monitoring in Wisconsin: Establishment of a Beech Bark Disease Monitoring & Impact Assessment System
Martin, Eugene	Geography & Geology (CNR WIST)	L/S		UWSP Student and Employee Sustainable Transportation Costs: Assessment, Awareness, and Decision Support
Rice, Keith	Geography & Geology	L/S	10/14/2012	Geographic Information Systems (GIS) Training and Research Center
Fischer, Gregory	Northern Aquaculture Demonstration	L/S	10/31/2013	Quantifying Genetic, Phenotypic, and Reproductive Differences of Siscowet and Lean Lake Trout Reared in a Controlled Environment (funding source: U.S. Fish & Wildlife Service)
Fischer, Gregory	Northern Aquaculture Demonstration	L/S	10/31/2013	Quantifying Genetic, Phenotypic, and Reproductive Differences of Siscowet and Lean Lake Trout Reared in a Controlled Environment (funding source: U.S. Fish & Wildlife Service)
Hartleb, Christopher	Northern Aquaculture Demonstration	L/S	8/31/2012	Determination of Production Parameters of Selected Yellow Perch Lines at Commercial Densities in Ponds at Two or More Facilities in the North Central Region (funding source: USDA) - subcontract
Hartleb, Christopher	Northern Aquaculture Demonstration	L/S	8/31/2012	Transport Stress (subcontract: Michigan State University-North Central Regional Aquaculture Center) funding source: USDA-NIFA
Hartleb, Christopher	Northern Aquaculture Demonstration	L/S	9/30/2012	VHS and Fish Health Sampling Team: VHS Monitoring and Sampling for Wisconsin Waters (funding source: USDA APHIS)
Crunkilton, Ronald	Water Resources	CNR	6/30/2013	Weevil & EWM - Importance of milfoil weevil, limnological characteristics and shoreline land use on abundance of Eurasian water milfoil in Wisconsin lakes
Hansen, Michael	Water Resources	CNR	9/30/2012	Life History Differentiation Between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America (Year 4)
Hansen, Michael	Water Resources	CNR	9/30/2012	Life History Differentiation Between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America
Hansen, Michael	Water Resources	CNR	6/30/2012	Treaty Fishery Data Analysis: Evaluating Fisheries Management Methods in Northern Wisconsin (funding source: DOI, Fisheries Management SFR)
Hansen, Michael	Water Resources	CNR	6/30/2012	Fisheries Analysis Center
Hansen, Michael	Water Resources	CNR	12/31/2012	Effectiveness of a Lake Trout Refuge at Gull Island Shoal, Lake Superior
Hansen, Michael	Water Resources	CNR	9/30/2012	Life History Differentiation Between Deep-Water and Shallow-Water Forms of Lake Trout in Large Lakes of North America (Year 5)
Isermann, Daniel	Water Resources	CNR	8/31/2012	Climate Change and the Resilience of Sport Fisheries in Lakes (funding source: U.S. Dept. of the Interior, U.S. Geological Survey)
Isermann, Daniel	Water Resources	CNR	1/1/2013	Effects of Exploitation and Length-Based Harvest Regulations on Lake Sturgeon in the White Rapids Section of the Menominee River
Isermann, Daniel	Water Resources	CNR	12/31/2014	Stock Characteristics of Lake Whitefish in Lake Michigan
Champeau, Randy	WI Center for Environmental Ed	CNR	5/31/2012	Development of Sustainable Alternative Energy/Optimization of Isoprene Biosynthesis in Reduced Genome E. coli
Champeau, Randy	WI Center for Environmental Ed	CNR	5/31/2012	Development of Sustainable Alternative Energy
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Personnel Support for Fish Propagation Science Center Research Associates at the Wisconsin Cooperative Fishery Research Unit

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Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Multispecies Assessment of Genetic Structure in Fish: Discordance Among Watershed Boundaries and Genetic Structure (funding source: DOI - U.S. Fish & Wildlife Service SFR Program)
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Development of a Fish Habitat Quality Index for Littoral Zones of North Temperate Lakes in Wisconsin (funding source: DOI - U.S. Fish and Wildlife Service)
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Development of a Fish Habitat Quality Index for Littoral Zones of North Temperate Lakes in Wisconsin (funding source: DOI - U.S. Fish & Wildlife Service SFR Program)
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Annual Support to Wisconsin Cooperative Fishery Research Unit
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	The Role of Genetic Diversity, Effective Population Size, Population Dynamics and Habitat on Reproduction and Recruitment of Wisconsin's Walleye Population (funding source: DOI - U.S. Fish & Wildlife Service SFR Program)
Sloss, Brian	WI Cooperative Fishery Research	CNR	6/30/2012	Renewal of Request for Academic Staff Support for the Wisconsin Cooperative Fishery Research Unit in the Molecular Conservation Genetics Laboratory at the University of Wisconsin-Stevens Point(funding source:DOI-U.S. Fish and Wildlife Service,SFR Program)
Sloss, Brian	WI Cooperative Fishery Research	CNR	7/30/2012	An Integrated Education, Planning and Research Approach to Zebra Mussels in Keyes Lake, Wisconsin and the Menominee River (funding source: WDNR)
Duncan, Shona	WI Institute for Sustainable Technology	CNR		Research to scale up the production of bio-based isoprene for sustainable rubber manufacture
Fowler, Paul	WI Institute for Sustainable Technology	WST	6/15/2012	Demonstrating the Chemical Recycling Potential of PLA Food Serviceware (funding source: U.S. Dept. of Energy)
Guay, Don	WI Institute for Sustainable Technology	WST		Biofuels research
Singsaas, Eric	WI Institute for Sustainable Technology	WST		Biofuels research
Ginnett, Tim	Wildlife Department	CNR	6/2/2012	Estimating Genetic Variability and Population Abundance of the Clam Lake Elk Herd - Year 2
Riddle, Jason	Wildlife Department	CNR	4/30/2012	Maximizing the Benefits of Field Borders for Nesting Quail and Early-Succession Songbirds - subcontract (funding source: U.S. Dept. of Justice)
Riddle, Jason	Wildlife Department	CNR	6/30/2012	Analysis and Implementation of Population Surveys and Strategies for Ring-Necked Pheasants at Multiple Scales in Wisconsin (funding source: DOI)
Russell, Kevin	Wildlife Department	CNR	12/31/2013	Long-term Responses of Woodland Salamanders to Prescribed Fires in Appalachian Mountains of West Virginia