

Undergraduate Research Interests of Faculty and Staff Within the College of Natural Resources.

Name	Past Research Projects with Students	Research Interests
Eric Anderson	Flying Squirrel Den Site Selection, Cougar Hair Snare Research, Determination of Felidae Species By Morphometric Ratios From Photographs, Liver Flukes in White-Tailed Deer, 100% Post-Consumer Waste Recycled Paper Procurement Project, Monitoring Sympatric Northern and Southern Flying Squirrel Populations with Cavity Boxes, Small Mammal Capture Rates	Pretty Generic – Anything With Statistical Applications, Carnivores, Flying Squirrels, Small Mammals
Katherine Clancy	Ground Water Levels Associated with Little Plover River	Fluvial Geomorphology, Stream Restoration, Physical Hydrology Modeling
James Cook	Understory Response to Prescribed Burns, Prescribed Burn Effects on Soil Nitrogen and Carbon, Duff Seed Bank Composition Under Mature White Pine	Succession, Disturbance Regimes and Role of Disturbance History, Fire Management, Understory Diversity, Regeneration Processes
Ron Crunkilton	Milfoil Weevil Propagation for Aquatic Plant Control, Effect of Land Use on Fish Populations in Portage County Lakes, Toxicological Impacts of Urban Runoff Urban to Stream Biota, Bulrush Monitoring	Nutrient Limitation in stream Algal Populations, Algae Biomass-biofuel Production
Mike Demchik	Sugar Maple Growth	Biomass, Silviculture, non-Timber Forest Products, Sustainable Agriculture
Bill DeVita		Chemical Analysis Of Environmental Samples (Primarily Water) for Organic Chemicals (Pesticides, Pesticide Metabolites, Pcb's, Pharmaceuticals, Etc.)
Jeff Dimick	Macroinvertebrate-Based Bioassessments and Correlation of These Metric Values with Quantified Water Chemistry Data	Aquatic Macroinvertebrates, Stream Ecology
Paul Doruska	Hardwood stem taper and bark thickness equations, Stand density Index patterns	Inventory, Biomass, Applied Regression Analysis
Shelli Dubay	Flying Squirrel Parasites, Frog Parasites, Weasel Parasites, Grey Squirrel Trapping Pproject, Rred-shouldered Hawk Blood Parasites	Dead Things, Diseases, Wildlife
John G. DuPlissis		Carbon Credits for Forest Management, Outreach Programs for Private, Non-industrial Landowners, Estate Planning for Family Forest Owners
Kristin Floress		Watershed Planning & Management, Public Participation in Resource Decision Making, Survey Research
Tim Ginnett	Owl Surveys, Brown Bear Feeding Behavior, Black Bear Home Ranges, Squirrel Population Estimation and Survival	Wldlife Ecology
Don Guay		Engineering, Wood Chemistry, Pulp and Paper
Jan Harms	Harvesting Systems	Forest Management, Wood Supply, Economics, Harvesting, Financial Analysis.
Rich Hauer	Street Tree Decline and Mortality Associated With Construction, Construction Damage and Trees, Urban Forestry Management	Urban Forestry, Tree Biology
Robert Holsman	Wisconsin DeerHunterUnderstanding of the WDNR's SAK Model	Human Dimensions of Wildlife, Law Enforcement
John Houghton		Land Management Economics, Financial Feasibility.
Daniel Isermann		The World Known as Fish

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Scott Johnson		Flora and Fauna Of CWES, Lake Study at CWES, Invasive Species Distribution and Management at CWES, Native Prairie Restoration at CWES
George Kraft	Groundwater, Surface Water Related.	Groundwater, Nonpoint Pollution, Groundwater Pumping, Groundwater Quality, Water Sustainability
Brenda Lackey		Interpretation, Informal Education, Human/Wildlife Conflicts, Program Evaluation
Diane Lueck		Outreach, Women In Natural Resources, Hunting/Hunter Issues, Under-Reached Constituents
Kevin Masarik		Drinking Water Quality Issues
Paul McGinley	Water Quality-Related Research Such As Lake And Stream Monitoring, Water Treatment, And Groundwater Quality	Water Quality, Eutrophication, Drinking Water, Chemical Monitoring, Biogeochemistry, Nutrients in Runoff
Eric Olson	A Workforce Analysis of Wisconsin's County Zoning Workforce, An Interview-Based Survey of Households On a Recreational Lake in NW Wisconsin, Lake Data in A NW Wisconsin Watershed, A Mapping Project to Document Protected "Wild Lakes" In Wisconsin and Changes in Development Patterns on Unprotected Wild Lakes Since the Early 1990s	Land Use Planning, Comprehensive Planning, Watershed Planning, Shoreland Development, Zoning and Land Use Regulations, Outdoor Recreation, Habitat Fragmentation, Invasive Species, Sustainability
Holly Petrillo		Insect/Pathogen/Plant Interactions In Forest Ecosystems, Forest Insect Ecology; Impacts of Exotic Organisms on Forest and Urban Ecosystems, Influence of Natural and Human-Caused Disturbances on Forest Insect Communities and Biodiversity
Tom Quinn	Environmental Education Programs for Families, Use of Online Phenology in Delivering Environmental Education Programs	Effectiveness of Environmental Education Programs Using DVD Tutorials, Use of Technology in Environmental Education Programs, Wisconsin History in Environmental Education Programs
Kevin Russell	Wood Duck Nest Box Use And Productivity	Habitat Relationships Of Wildlife, Ecology and Management of Amphibians and Reptiles, Forest Wildlife Management
Dan Sivek	Action Research Projects Relating To Environmental Issues Investigation, Program evaluation, International environmental education program evaluation.	Environmental Issues, Social, Behavior, International environmental education
Brian Sloss	Genetic Diversity in Wild And Culture-Based Populations Of Yellow Perch, Development and Testing of Laboratory Protocols for Extracting DNA from Badger Hair for Performing DNA Census Estimates of the Badger Statewide, Brook Trout Mtdna Genetic Diversity Along the South Shore of Lake Superior	Conservation Genetics Research Aimed at Furthering the Management of Aquatic and Terrestrial Species, Fisheries Management, Wildlife Management, Conservation Biology, Molecular Ecology.
Jeremy Solin		Environmental Education, Environmental Literacy, Learning
Stan Szczytko	Fisheries And Aquatic Ecology	Aquatic Ecology, Insects, Biomonitoring, Water Quality

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Linda Stoll		Trail development, Urban Green Infrastructure, Livable communities, Urban Stormwater Management, Community Development, Public Involvement, Consensus Building, Conflict Mediation
Nancy Turyk	Water Quality and/or Watershed Related	Water Quality, Watershed
Melinda Vokoun	Survey Design and Implementation	Economics of Non-industrial Private Landowner Decisions, Economics of Changing Landscapes (and Land Components), Property Rights and Tenure
Les Werner	Water Relations in Cut Conifers, Street Tree Inventory, Effects of Earthworms on Understory Vegetation	Urban Forestry, Relationship Between Tree Physiology and Structure, Plant Nutrition, Nutrient Cycling
Rick Wilke	Environmental Issue Related Research and Research Related to Environmental Education	Environmental Education
Sara Windjue		Renewable Energy, Sustainable Development, Environmental Education