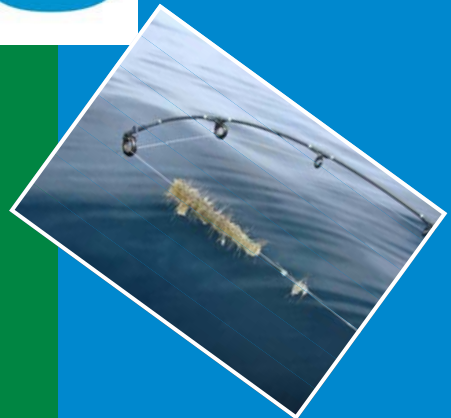




MINASC
Minnesota Invasive Species Conference
2008



*Acting Locally to Protect Our
Legendary Lands and Waters*

Speaker Biographical Sketches

Duluth Entertainment Convention Center, Duluth, MN
October 26-29, 2008

Mark D. Abrahamson

Mark received a BS degree in biology from the University of Wisconsin Eau Claire in 1995. He earned an MS degree in entomology from State University New York at Syracuse in 1997. He has been an entomologist at the Minnesota Department of Agriculture since 1999. Projects include: field crop pest surveys, weed mapping, and emerald ash borer.

Neil O. Anderson (joint presentation with Jennifer Drew)

As associate professor, Neil is a floriculture breeder/geneticist who directs the herbaceous perennial breeding program at the University of Minnesota. He is a faculty member of the University of Minnesota IGERT program on 'Introduced Species and Genotypes' and director of the Invasion Biology Research Consortium, devoted to preventing invasive species introductions. Neil's areas of expertise include new crop development, winter hardiness, reproductive barriers, interspecific hybridization, and preventing invasiveness. His research program is focused on winter hardiness and invasiveness of herbaceous perennials. He directs U of M trials for annual bedding plants and herbaceous perennials (winter hardiness).

Ted R. Angradi

Ted is an aquatic ecologist with the US Environmental Protection Agency's Mid-Continent Ecology Division Laboratory, Duluth. He received his PhD from Idaho State University. He spent seven years working for the Northeast Forest Service Experimental Station. Ted has worked ten years with EPA conducting large river research on the Colorado, Snake, Mississippi, Missouri, and Ohio Rivers. Besides large river ecology, his research interests include bioassessment, aquatic macroinvertebrates, and invasive species.

Sarah Bailey

Sarah's education includes a PhD in 2005 from the department of biological sciences, University of Windsor, Windsor, Ontario, received under the supervision of Dr. Hugh MacIsaac. Her dissertation examined sediments as a dispersal vector of aquatic invertebrates, and community-level studies of diapausing egg banks in ballast sediments, including estimating propagule pressure associated with 'no ballast on board' (NOBOB) vessels. Sarah's research interests are associated with invasion biology theory and freshwater zooplankton ecology, zooplankton distribution in Canada (especially the Great Lakes and the Arctic), molecular taxonomy of freshwater zooplankton, and the search for new established nonindigenous species.

Richard Biske

Rich has been the Blufflands conservation coordinator for The Nature Conservancy since 2005. Prior to TNC, he was a natural resources planner and wildlife habitat management technician for the Anoka Conservation District. He has assisted with the management of TNC's Weaver Dunes Preserve since 2006. He is also involved in multiple conservation collaboratives in Southeast Minnesota, including the Zumbro Delta Cooperative Weed Management Area.

Jeff Bode

Jeff is Wisconsin lakes, wetlands, and aquatic invasive species guy. He studied limnology at the Center for Great Lakes Studies, University of Wisconsin. Currently, he is the chief of Wisconsin's Lakes and Wetlands Section, Wisconsin Department of Natural Resources, Madison. Under his leadership, they established a self-help citizen lake monitoring program, regional lake contacts for lake organizations, lake educational and assistance at UW-Stevens Point, Adopt-A-Lake and Project Wet youth education programs, financial assistance for lake planning and protection, new aquatic plant management and protection, and AIS prevention and control grants. In 1998, he received the Stewardship of Wisconsin Lakes Award. Jeff says that although he has worked on lakes for over thirty years, he never tires because lake people are so nice and lakes are so intriguing.

Jason T. Butcher

Jason has worked at the US Forest Service Superior National Forest in Northeast Minnesota for seven years as an aquatic biologist helping to manage the forest's vast aquatic resources. Besides monitoring aquatic non-indigenous species in the forest, he also focuses on road/stream crossings, riparian area management, sensitive fish and mussels, coordinating management-based research, and environmental assessments. Before his time with the Forest Service, he worked as an aquatic research assistant for five years with the US Geological Survey in Southern Lake Michigan.

Allegra Cangelosi

Allegra is a senior policy analyst with the Northeast-Midwest Institute, and has been co-principal investigator and biological team leader of the Great Lakes Ballast Technology Demonstration Project since 1996. She has been a member of the US delegation to the Marine Environment Protection Committee of the International Maritime Organization (ballast water working group) since 1996. She is also a member of the Invasive Species Advisory Committee to the Invasive Species Council, organizing national support for non-indigenous species appropriations, and serving on ANS Task Force committees. Allegra coordinated national and regional efforts to enact ecosystem protection, and legislative activity leading to the National Invasive Species Acts of 1990 and 1996. As legislative director of the bipartisan Congressional Great Lakes Task Force, she conducted research and drafted legislative proposals dealing with issues such as exotic species, contaminated sediments, air deposition of toxic substances, and shoreline erosion. Previously, she was environmental project director with the Coalition of Northeastern Governors. Allegra holds an MS in resource development from Michigan State University.

Shannon (Bengtson) Carpenter

Shannon is a co-chair for MNISC 2008, representing the Minnesota Chapter of the Soil and Water Conservation Society. She has served as the Chapter president since March of 2006 (to March 2009). She is a district conservationist with the USDA Natural Resources Conservation Service, Milaca. Shannon has worked in field offices in Morris, Marshall, and Thief River Falls throughout her seven year career.

Monica A. Chandler

Monika received her MS degree in applied plant sciences from the University of Minnesota. Her thesis project involved the use of oat rotation as a biological control of root rot in peas. Continuing in the world of biological control, she started her position with the Minnesota Department of Agriculture in 2000 working on a leafy spurge biological control research project. She now coordinates the weed biological control program for MDA, which focuses on managing leafy spurge, spotted knapweed, and common tansy infestations in Minnesota.

Carmen Chapin

Carmen is the coordinator of the National Park Service Great Lakes Exotic Plant Management Team. She facilitates exotic plant control in eight National Parks in the western Great Lakes. In addition to assisting parks with on-the-ground effort, she is active in many partnership activities related to invasive species and natural resource management, including serving as chair of the Northwoods Cooperative Weed Management Area in northern Wisconsin. She has a PhD in ecosystem science from the University of Notre Dame and has previously worked for USDA-ARS in the area of biocontrol.

Terrie Christian

Trained as a pharmacist, Terrie has always been interested in healing. She grew up on the South Shore of Leech Lake and now lives on Medicine Lake in Plymouth. She has turned her passion for healing to Minnesota Lakes. Terrie sees herself as a teacher to the decision makers to implement policies that protect and restore lakes; therefore, her focus is largely political.

Benjamin Clasen

Ben is a student pursuing an MS degree at the University of Minnesota where he is studying invasive characteristics of some common horticultural crops, as well as the genetic diversity of the invasive plant, common tansy. He received his BS degree in horticulture in 2007.

Meredith W. Cornett

Meredith has directed The Nature Conservancy's science program in Minnesota and the Dakotas since 2003. In this capacity, she oversees conservation planning, research, and ecological monitoring activities, often in collaboration with universities, land management agencies, and other non-governmental organizations. In addition, she is an adjunct member of the graduate faculty in the forest resources and conservation biology programs at the University of Minnesota. She received a PhD (2000) and an MS (1996) in forestry from the University of Minnesota's College of Natural Resources, St. Paul, and holds a BA degree in biology from Oberlin College in Oberlin, Ohio.

Anthony Cortilet

Tony is coordinator of the Weed Integrated Pest Management Program for the Minnesota Department of Agriculture. He and his colleagues, Luke Skinner and Erik Anthonisen, have worked hard over the past decade to integrate mobile GIS solutions to map invasive species in Minnesota.

Wendy Crowell

Wendy earned an MS from the University of Minnesota in 1992 with a thesis that focused on the management of Eurasian watermilfoil. She has worked for the Minnesota Department of Natural Resources, Division of Ecological Resources, for the past 15 years. Her work focused on the management of invasive aquatic plants such as curlyleaf pondweed, Eurasian watermilfoil, and purple loosestrife. Currently, she coordinates State Wildlife and Invasive Species Grants.

M. Essam Dabaan

Essam graduated with a PhD in agricultural biology from West Virginia University in 1997. After graduation, he joined the department of biology as a visiting assistant professor then worked with the Integrated Pest Management Office for eight years. In 1996, he worked for USDA-APHIS with the Potato Cyst Nematode Program in Idaho. Currently, he is a pest survey specialist in Minnesota.

Paul Diedrich

Paul is an area fisheries supervisor for the Minnesota Department of Natural Resources. His current work station is at Montrose, where he has served since 1982. He is a 1974 graduate of the University of Minnesota with a BS degree in fisheries. His entire career has been with the DNR working also in Hutchinson, Red Wing, Ely, and Grand Marais. Paul lives with his wife and four children at Howard Lake, MN, and he enjoys the outdoors, gardening, music and most of all, his family.

Nicole Dobroski

Nicole has been an environmental scientist with the California State Lands Commission's Marine Invasive Species Program since 2006. Previously, Nicole worked for the California Sea Grant Extension Program's West Coast Ballast Outreach Project. She has over ten years of experience working on the science and management of nonindigenous species. Her graduate research focused on the distribution, physiology, and behavior of invasive crab species along the New England coast. Nicole received a BA degree in biology from Pomona College and a MS degree in biological sciences from the University of Rhode Island.

Jennifer Drew

Jennifer is a PhD degree candidate in applied economics with a minor in statistics at the University of Minnesota. She was awarded a Siehl Endowment Research Fellowship from 2003 to 2007. Presently, her dissertation research is funded by The U of M's Consortium on Law and Values in Health, Environment and the Life Sciences. Her research experience outside the MN Futures Project includes: socio-economic issues concerning genetic manipulation of crops; evolution of intellectual property rights for plants in the United States in relation to crop and plant markets, and horticultural industries; and technological and evolving structural realities of these crop and plant markets. She owned and managed a cut flower production and retail business for ten years while serving as a board member for the St. Paul Growers and Buyers Association. As a founding member and past president of the Friends of the St. Paul Farmers' Market, she helped plan and raise funds for the Market's renovation and indoor facility.

Miles Falck

Miles has been a biologist at the Great Lakes Indian Fish and Wildlife Commission (GLIFWC) since 1997. He currently is program leader for GLIFWC's Invasive Species Program. He also serves on the National Invasive Species Advisory Committee. Miles received his BS degree in wildlife in 1990 from the University of Wisconsin Stevens Point and an MS degree in fisheries and wildlife ecology from Colorado State University, Fort Collins, in 1996. His professional interests include invasive species and ecological applications of information technology, especially GIS and Internet GIS.

Janna Goerd

Janna Goerd (rhymes with dirt) grew up on the Iron Range and lives near Embarrass, where she spends time each summer yanking spotted knapweed out of the ground. When she's not pulling weeds, she tends to her little flock of chickens, tries to manage her beehives, and works as a regional reporter for the Duluth News Tribune.

Nadilia N. Gomez

Nadilia received her PhD in applied plant sciences from the University of Minnesota and is currently a post doctoral research associate working with the USDA Forest Service. Her research deals with predictive models for invasive plants and insects.

Collie Graddick

Collie is an agricultural consultant with the Pesticide Management Unit, Minnesota Department of Agriculture. The program involves monitoring urban pesticide use, educating homeowners on pest management issues and proper pesticide use, reducing the amount of pesticides used as well as reducing human exposures to pesticides. He also works in the Endangered Species program which protects Minnesota's rare and endangered plants and animals. He has worked for MDA for fifteen years.

Douglas H. Grann

Doug is the president and chief executive officer for Wildlife Forever, based in Brooklyn Center. Wildlife Forever is dedicated to conserving America's wildlife heritage through conservation education, preservation of habitat, and the management of fish and wildlife. Doug was instrumental in linking the "Threat" and "Stop Aquatic Hitchhikers!" campaigns, which are invasive species outreach efforts targeted at America's anglers and hunters. Through combined campaign efforts, it is estimated that the campaign has expanded from Minnesota to reach over 382 million impressions. Doug is a frequent speaker at conservation conferences. He has been a guest on *North America Outdoors* television and *North American Outdoors Radio*.

Kenneth Grob

Ken is president of the Hubbard County Coalition of Lake Associations (COLA). He is retired and has lived permanently on Potato Lake near Park Rapids for eight years. He grew up in southeastern Minnesota, but spent most of his working career living in upstate New York and Pittsburgh. He holds a MS degree from MIT and a PhD from the University of Wisconsin in mechanical engineering. He has served as president of the COLA for five years and chairs the COLA Aquatic Invasive Species Task Force. Ken has four children and eight grandchildren, and enjoys fishing, hunting, biking, kayaking, hiking, and just being outdoors.

John Haanstad

John holds a PhD from the University of Wisconsin Madison in entomology with a microbiology minor. John first worked for the Wisconsin Department of Agriculture, Trade and Consumer Protection before becoming the Iowa State entomologist with the Iowa Department of Agriculture. A few years ago, John made the transition to federal service with the US Department of Agriculture, APHIS-PPQ. With USDA, he first was stationed in Connecticut and, in 2007, transferred to Minnesota.

Milton J. Haar

Milton is an assistant professor in the Department of Agronomy and Plant Genetics, University of Minnesota, working at the Southwest Research and Outreach Center near Lamberton. His research focus is on weed biology and ecology and the weed science needs of conventional and organic cropping systems in southwestern Minnesota.

Cindy Hale

Cindy teaches environmental education and ecology courses at the University of Minnesota Duluth and is a research associate with the Natural Resource Research Institute. She holds a BS degree in ecology (U of M), an MS degree in environmental sciences (UMD) and a PhD degree in forest ecology and science education (U of M). As the founder of Great Lakes Worm Watch, she trains and collaborates with citizen scientists throughout the Great Lakes basin to monitor the spread and impacts of exotic earthworms. An award winning presenter, Cindy is active in the Duluth community and enjoys spending time outdoors. She lives just north of Duluth with her husband and daughter.

Thelma T. Heidel

Thelma is currently a PhD degree candidate in the Department of Entomology, University of Minnesota. She completed her MS degree spring 2008 from the Department of Entomology, Purdue University, West Lafayette. She was an MS degree student under the late Dr. Bob O'Neil, a biological control specialist. Her MS research focused on classical biological control of the soybean aphid and investigating potential non-target effects associated with this control program. Thelma received her BS degrees at the University of Wisconsin Madison, majoring in entomology and plant pathology.

Lucia Hunt

Lucy is a graduate of the University of Wisconsin in entomology and conservation biology. She worked on the emerald ash borer program in Ohio for four years. In 2007, she moved to Minnesota to supervise the Gypsy Moth Program, Minnesota Department of Agriculture.

Douglas A. Jensen

Doug is a co-chair for MNISC 2008. For the last fifteen years, he has been the aquatic invasive species (AIS) program coordinator, University of Minnesota Sea Grant Program, Duluth. He serves as a member of the MISAC and an at-large member of the Great Lakes Panel on Aquatic Nuisance Species. With nearly thirty years experience in research and teaching, his interests include drawing upon social science and evaluation research to effectively address resource management issues, especially AIS. Before joining Sea Grant, he conducted research at the US Environmental Protection Agency in Duluth. He has a BS degree in biology and (soon) an MS degree in education. He enjoys music, fishing, softball, and watching UMD hockey (Gopher hockey fans remember, you're in Bulldog Country!).

James A. Johnson

Over the past fourteen years, James has worked on a wide range of water-resources projects for the Wisconsin Department of Natural Resources, Minneapolis Park and Recreation Board, Three Rivers Park District, University of Minnesota, and as a consultant for local government groups and lake associations. He founded Freshwater Scientific Services, LLC in 2003 (www.fixmylake.com). His research and management interests deal predominantly with aquatic plant management, stormwater runoff monitoring, and watershed model development. He is currently pursuing an MS degree in water resources science, University of Minnesota.

Kirk Johnson

Kirk is the vector ecologist for the Metropolitan Mosquito Control District. He oversees the mosquito-borne disease prevention services, as well as exotic mosquito surveillance and control programs for the District. He earned a BS degree in biology from St. Cloud State University in 1992 and an MS degree in environmental studies from Bemidji State University in 1996.

Byron Karns

Byron received his BS degree in history and an MS degree from the University of Minnesota. He began working on and off as a naturalist and volunteer coordinator for the National Park Service St. Croix National Scenic Riverway in 1991. That experience provided the opportunity to coordinate the Riverway's zebra mussel prevention plan. He is currently the chair of the St. Croix Aquatic Invasive Species Prevention Task Force, NPS's Midwest Regional representative to the Mississippi River Basin Panel on ANS, and the NPS representative to the Minnesota Invasive Species Advisory Council. Byron conducts field monitoring and inventories of other species on the Riverway. As a member of the Riverway's scuba team, most of his responsibilities are underwater so he sees this part of the resource first-hand. His interests range from aquatic insects, snails, crayfish, water quality, to native mussel propagation.

Karrie A. Koch

Karrie received her BS degree in 2005 from the University of Wisconsin Green Bay in environmental science and biology. She has an MS in entomology from University of Minnesota (May 2008). Currently, she is completing class work for a PhD in entomology, with a minor in invasive species and genotypes, after receiving an Integrative Graduate Education and Research Traineeship (IGERT), University of Minnesota. For her dissertation, Karrie plans to focus on the role of beneficial fungi in the natural control of the invasive soybean aphid.

Robert L. Koch

Bob earned a PhD degree in entomology and conducted postdoctoral research at the University of Minnesota. His research focused on invasive species and pest management. Currently, Bob is a research scientist with the Minnesota Department of Agriculture. With MDA, he serves as pest survey coordinator. Targets of these surveys include new and emerging invasive pests, as well as native and established pests in agricultural and natural systems.

Adam Kokotovich

Adam is a PhD degree candidate in the natural resources science and management department, University of Minnesota. He holds an MS degree in science, technology, and environmental policy, also from the University of Minnesota. In his research, he draws upon social science theories and methodologies to study risk analysis, ecological risk, and the use of public participation in both risk analysis, and science and technology policy.

Kathryn W. Kromroy

Kathy has been a plant pathologist for about thirty years, having previously received both MS and PhD degrees from the University of Minnesota. For most of those years, she was doing research but in 2005 she made a major shift and joined the Minnesota Department of Agriculture, Invasive Species Exclusion Unit in the Plant Protection Division. Kathy is currently focusing on two main projects – regulation and outreach regarding firewood movement and surveying the state for potato cyst nematodes.

Haude Levesque

For almost three years, Haude has been working on carp and goldfish attraction pheromones as a research associate in Dr. Peter Sorensen's lab at the University of Minnesota. He earned his PhD in physiology from the University of Ottawa and his MS degree in fish toxicology at the University of Quebec, Montreal, Canada. He received undergraduate degree in animal ecology and behavior from the University of Rennes, France.

Hangkyo Lim

Hangkyo graduated from the University of Kansas with a PhD in entomology field-based research on pheromonal communication in a tiger moth. After that, he worked as a research associate in Dr. Peter Sorensen's lab at the University of Minnesota. His current research focuses on identifying sex pheromones in common carp and developing practical methods to attract the fish by using pheromones.

John Lindgren

John, a Detroit Lakes native, received a BS degree in aquatic biology from Bemidji State University and an MS degree in fisheries management from South Dakota State University, Brookings. He has worked for the Minnesota Department of Natural Resources at the Duluth Area Fisheries Office since 1991. His primary duties are to manage all aspects of the fisheries resources within the St. Louis River Estuary. He has been involved with species rehabilitations, habitat remediation and restoration, and exotic species monitoring.

Barbara Liukkonen

Barb holds a joint appointment as an outreach educator with the University of Minnesota Water Resources Center and the Minnesota Sea Grant Program. She has a BA degree in geology and education from Carleton College, Northfield, and an MS degree in hydrogeology from the University of Minnesota. She has worked for University of Minnesota Extension for twenty years focusing on shoreland education, volunteer monitoring, safe drinking water, wastewater management, and preventing the spread of invasive species.

Stephen Malone

Stephen is an agricultural consultant with the Minnesota Department of Agriculture, Seed and Noxious Weed Unit. His responsibilities are to coordinate sampling, inspection, and enforcement activities of the unit related to the Minnesota Seed Law. He previously held research positions with USDA-ARS, RiceTec, and Syngenta Crop Protection and teaching positions at Georgia Southern University and the University of West Alabama. He has BS and MS degrees in agronomy from the University of Arkansas, and a PhD degree in crop physiology, production, and management from Iowa State University.

Michelle D. Marko

Michelle is currently assistant professor in the department of biology, Concordia College, Moorehead. Prior to this new appointment, she conducted postdoctoral research at the Connecticut Agricultural Experimental Station, where she studied biocontrol and integrated pest management of Eurasian watermilfoil. She received her PhD from the University of Minnesota in 2006 focusing on the chemical ecology of watermilfoil-weevil interactions. She received an MS degree from Colorado State University and a BS degree from the University of Minnesota.

Teresa McDill

Terry has been the supervisor of the Invasive Species Unit since 2004 at the Minnesota Department of Agriculture, St. Paul. Her current interest is fair and effective regulation to prevent or mitigate any harm caused by new invasive species. The Invasive Species Unit currently works on emerald ash borer, sirex wood wasp, potato cyst nematode, and other invasives threatening Minnesota. Terry has BS degrees in range ecology and soil science from the University of Wyoming. She has worked in invasive species intermittently throughout her career and has been an environmental project manager for over twenty years.

Allen F. Mensinger

Allen is an associate professor in the biology department, University of Minnesota Duluth. He received his PhD degree from the University of California Santa Barbara and was a post-doctoral fellow at Vanderbilt University and the Washington University School of Medicine. He works at the Marine Biological Laboratory, Woods Hole, throughout the summer. His laboratory interests are in the neural mechanisms of behavior and sensory physiology.

Brad Moore

In 2006, Governor Tim Pawlenty named Brad Moore as commissioner of the Minnesota Pollution Control Agency, where he has served as acting commissioner since August 1. He was assistant commissioner of the Minnesota Department of Natural Resources, where he oversaw seven operating divisions. In this position, he helped to establish the DNR's strategic direction, developed policy, and managed natural resources issues. Brad worked for the DNR since 1988 as the department's field operations manager, a recreation planner, and a management analyst. He received his BS degree in political science from St. Olaf College, Northfield, and his MS degree in public affairs, University of Minnesota, Humphrey Institute.

W. Keith Moser

Keith is a research forester with the US Forest Service, Forest Inventory and Analysis Program, Northern Research Station (NRSFIA), St. Paul. He is the resource analyst assigned to the ground flora and non-native invasive plant information product line for NRSFIA as well as the state analyst for Missouri and Kansas. Previously, Keith was a silviculturist with the Missouri Department of Conservation, a research forester with Tall Timbers Research Station, Tallahassee, and a post-doctoral fellow with Ludwig Maximilian University, Munich, Germany. His research interests are disturbance ecology, stand dynamics, and silviculture. Keith has degrees from North Carolina State, Duke, and Yale.

Michael D. Netherland

Mike is a research biologist for the US Army Corps of Engineers Research and Development Center (ERDC). He received an MS degree from Purdue University in 1989 and a PhD from the University of Florida in 1999. Mike worked in research for the SePRO Corporation from 1999 to 2003. In 2004, ERDC stationed him at the University of Florida Center for Aquatic and Invasive Plants. His twenty years of research have focused on invasive aquatic plant biology and control. Mike is active in the Aquatic Plant Management Society and is editor for the Journal of Aquatic Plant Management.

Raymond M. Newman

Ray is a professor in the department of fisheries, wildlife and conservation biology, University of Minnesota. He received a BS degree in biology from Slippery Rock University and an MS and PhD in fisheries from the University of Minnesota. His research focuses on aquatic ecology with significant efforts in the ecology and control of aquatic invasive species. He is director of graduate studies for the university-wide water resources science graduate program and is coordinating a group of over forty faculty and students on a National Science Foundation IGERT program and free-standing minor on risk analysis for introduced species and genotypes.

Natasha Northrop

Natasha is a research scientist with the Minnesota Department of Agriculture Biological Control and IPM group. She graduated from St. Cloud State University in 2003, and was formerly working for USDA, APHIS-PPQ with Japanese beetle biocontrol and coordinating gypsy moth trappers. Her work with MDA started in 2005, when she was hired to complete an LCMR (now LCCMR) project investigating the current status of spotted knapweed biocontrol in Minnesota. Natasha is currently in charge of MDA's Biological Control Lab, where she is rearing bioagents including *Hylobius transversovittatus* for purple loosestrife, *Binodoxys communis* for soybean aphid, and *Cyphocleonus achates* for spotted knapweed.

James Oberstar

Born in Chisholm, Jim graduated Summa Cum Laude from the College of St. Thomas, St. Paul, in 1956 with a double major degree in French and political science. He went on to earn a MS degree in European studies at the College of Europe in Bruges, Belgium, in 1957. Following graduation, he taught English to Haitian military personnel, and French and Creole to members of the US Marine Corps military advisory group in Port-au-Prince from 1959-1963; then served as chief staff assistant to his predecessor, Congressman John Blatnik from 1963-1974. Jim began representing Minnesota's Eighth Congressional District in Congress in 1975, and is now in his 17th term, the longest service in the US House of Representatives from the State of Minnesota. He is now the Chairman of the Committee on Transportation and Infrastructure. This committee has jurisdiction over America's surface transportation; freight and passenger rail; the inland waterway system, including the St. Lawrence Seaway; international maritime commerce; the Economic Development Administration; the US Army Corps of Engineers' support of the nation's water resources; and the federal clean water program.

Adolph Ojard

Adolph was appointed executive director of the Duluth Seaway Port Authority in 2003. A Great Lakes maritime and transportation veteran, he now serves as the Port Authority's chief executive officer. He has spent more than thirty years with transportation affiliates of the US Steel Corporation. He held executive positions in rail, inland barging, Great Lakes shipping, and as president of the Warrior Gulf Navigation Company, an inland barge company with stevedoring and transload facilities in Alabama until 1997. From 1997 to 2002, Adolph served as general manager of the DM&IR Railway and USS Great Lakes Fleet both headquartered in Minnesota. He is also the current president of the American Great Lakes Ports Association.

Victoria V. Olson

Victoria graduated from St. Cloud State University in 2004 with a BS degree in ecology and field biology, participating in the University Honors Program. After graduation, she served for one summer as a biological monitoring intern at the Minnesota Pollution Control Agency, conducting electrofishing surveys to assess the health of riverine environments. From 2004 to 2006, she worked as a research biologist at the US Environmental Protection Agency in Duluth, prioritizing anthropogenic chemicals for endocrine disrupting potential. She is currently an MS candidate in the Integrated Biosciences Graduate Program, University of Minnesota Duluth.

Dick Osgood

Dick from Osgood Consulting has thirty years' of experience working with lakes, the people that use and love them, and the organizations that manage them. He helps communities develop workable management plans by bringing parties together to find effective and lasting solutions. He provides consulting advice designing alum treatments. Dick is a trained and experienced lake manager, scientist, expert witness, planner, policy analyst, facilitator, mediator, and educator.

Dennis Ozment

Dennis is a long-time resident of Rosemount and a retired Minneapolis firefighter. As state representative (District 37B), he is serving his twelfth term in the Minnesota House of Representatives, where he is respected for his bi-partisanship. He chairs the House/Senate Committee on Claims and is the Republican lead on the Environment and Finance Committees, and the Natural Resources Policy Committee. His priorities/initiatives include the protection of Minnesota state waters, air and natural resources, such as the Clean Water Legacy Act, electronic waste management, streamlining the environmental review process, the Environmental Trust Fund, and other important environment and natural resource related bills. In the legislature, Dennis emphasizes the need to prioritize and focus on environmental outcomes, using common-sense approaches to solve environmental problems without lowering standards.

Greg Peterson

Greg earned his MS degree in fisheries from the University of Minnesota in 1996. He then worked as a research fellow for the University of Minnesota Natural Resources Research Institute (NRRI) before coming to the US Environmental Protection Agency Duluth in 2000. As an ecologist, Greg's research has assessed the risk of solar ultraviolet radiation exposure on amphibians as well as linking human disturbance in landscapes to responses in aquatic biota. Currently, he is involved in the development of a model for the early detection of aquatic invasive species in Great Lakes harbors and embayments.

Laura Phillips-Mao

Laura is a PhD candidate in conservation biology, University of Minnesota. Her research focuses on post-invasion restoration of native plant communities, but she is also interested in urban ecology, sustainability of management, impacts of climate change on conservation and restoration, and the intersection of ethics and conservation biology. In addition to her research, Laura founded a Restoration Ecology Graduate Group at the University of Minnesota, and coordinated the Conservation Biology Seminar Series for two years. She teaches labs in ecology, biology, and plant taxonomy, and is a student representative on the Conservation Biology Program Steering Committee.

Ann Pierce

Ann is the terrestrial invasive species coordinator with the Invasive Species Unit, Minnesota Department of Natural Resources Ecological Resources Division. Ann has been with the DNR for twelve years and previously served as regional plant ecologist in Southeastern Minnesota and Blufflands coordinator. Ann has a PhD from the University of Minnesota in conservation biology with a focus in ecosystem ecology, an MS degree from the University of Wisconsin in forest ecology, and a BS degree from the University of Minnesota in genetics and cell biology.

Gina Quiram

Gina is currently a PhD candidate in ecology, evolution and behavior, University of Minnesota. She is advised by Drs. Ruth Shaw and Jeannine Cavender-Bares. Before arriving at the University of Minnesota, she received her BA degree from Gustavus Adolphus College, St. Peter, and managed a salt marsh restoration program in Tacoma. Her research interests center around the short and long term effects of management decisions for invasive species.

Euan D. Reavie

Euan earned a PhD from Queen's University, Department of Biology, Ontario, and conducted post-doctoral research at the University of Toronto, Department of Geology, Ontario. Currently, he is a research associate and director of the Natural Resources Research Institute Field Station, University of Minnesota Duluth, in Ely. His research focuses includes algal indicators of human impacts, paleolimnology, cultural eutrophication, diatoms, and ballast and water treatment technologies.

Mike Reichenbach

Mike has worked as an extension educator in natural resources for fourteen years; five years with Oregon State University, and nine with the University of Minnesota Extension. He has served as an educator and advocate for sustainability and environmental issues. He was influenced by the environmental movement of the 1970's when he helped organize the first community recycling program in the Village of Oak Park, Illinois. He received a BS degree in forestry in 1978 and an MS in forestry in 1984 from the University of Illinois. As a business owner working to protect natural resources and trees during development, he found ways to work with developers to achieve both economic and environmental goals. As an educator, he has organized, facilitated or presented at more than 200 workshops, conferences or training seminars. He worked as a team member to develop and deliver the Emerald Ash Borer First Detector Training. He is also working with researchers at the University of Minnesota to collect ash tree seed in an effort to protect the genetic diversity of the species.

Jay Rendall

Jay is currently the invasive species prevention coordinator for the Minnesota Department of Natural Resources. He was the invasive species program coordinator from 1991 to 2007. His responsibilities include state invasive species policy, public awareness, prevention grants, and coordination with regional and national invasive species activities. He has been a member of several state, regional, and national committees related to invasive species including chairing the Minnesota Interagency Exotic Species Task Force and both the Great Lakes and Mississippi River Basin panels on aquatic nuisance species. He is currently the co-chair of the Minnesota Invasive Species Advisory Council. Before moving to Minnesota, he was a resident of Madison, and a graduate of the University of Wisconsin. He enjoys sailboat racing and waterfowl hunting.

Tina Seeland

Tina Seeland is currently the laboratory coordinator for the Plant Protection Division, Minnesota Department of Agriculture. She is also project manager for *Phytophthora ramorum*, the disease causing sudden oak death, and coordinates surveys and analysis for plant tissues brought in from *P. ramorum* surveys or trace forwards.

Leah Sharpe

Leah is a PhD candidate in the conservation biology program at the University of Minnesota. She is currently advised by Dr. Anne Kapuscinski. Her MS degree thesis looked at pheromonal attractants of the invasive common carp. Her doctoral dissertation is focused on building a decision support tool to assist in management of aquatic invasive species and her research interests lie in linking manager experiences, policy, and the decision making process.

Dan Shaw

Dan is a vegetation specialist with the Minnesota Board of Water and Soil Resources where he focuses on conservation, restoration and invasive species control programs. He has worked for non-profit organizations as well as the public and private sector. He is author of several publications including, "Plants for Stormwater Design", "Native Vegetation in Restored and Created Wetlands", and "Designing with Minnesota Native Plants." He is also an adjunct assistant professor at the University of Minnesota where he teaches a class on Minnesota flora.

Peter Shutrop

In addition to having a part-time landscaping and tree removal business for over twenty years, Pete has been with Scott County since 1998 as a highway maintenance worker and then as a county agricultural inspector (2001). He was elected to the Minnesota Association of County Agriculture Inspectors in 2006 and is now serving as president. Pete currently manages three types of biocontrol programs and roadside vegetation for Scott County's roads and parks.

Luke Skinner

Luke is the supervisor of the Minnesota Department of Natural Resources Invasive Species Unit, Division of Ecological Resources. For nearly two decades, he has worked on the prevention and management of invasive species including purple loosestrife, Eurasian watermilfoil, zebra mussels, buckthorn, garlic mustard, and others.

John G. Skogerboe

John has been employed by the US Army Corps of Engineers Research and Development Center for 28 years where he is a member of the Chemical Control Technology Team. He is stationed at the Eau Galle Aquatic Ecology Laboratory, Spring Valley, Wisconsin, where he conducts research into aquatic plant management using herbicides to selectively control invasive exotic plants.

Alan G. Smith

Alan is an associate professor at the University of Minnesota. His research focuses on the function and regulation of genes with expression specific to the reproductive organs of higher plants, stamens and carpals. Results are used in applied projects to improve horticultural crops by developing strategies to manipulate growth and size of plants, and for the control of reproduction. Genetic and plant breeding strategies tests and control male and female fertility. Production of sterile plants is beneficial for increasing flower longevity, and eliminating invasiveness and allergenic pollen. Alan is a graduate faculty member of the plant biological sciences and the applied plant sciences graduate programs, and is a member of Plant Molecular Genetics Institute.

David Smith

David is a PhD candidate in the applied economics department, University of Minnesota. His studies include the fields of environmental and natural resource economics, and invasive species. He earned a BA degree in environmental and political science from the University of Minnesota Duluth in environmental policy. He is a recipient of the Integrative Graduate Education and Research Traineeship (IGERT) funded by National Science Foundation working in the field of risk analysis for invasive species and genotypes.

Peter W. Sorensen

Peter is a professor in fisheries, wildlife, and conservation biology, University of Minnesota. He earned his PhD in Oceanography from the University of Rhode Island in 1982. He is especially interested in the role of chemical senses in guiding fish behavior, a topic relevant to invasive fishes which need to migrate great distances or survive in degraded waters. Pheromones are of special interest. He presently focuses on invasive carps and has over 100 peer-reviewed publications and a dozen book chapters to his credit.

Richard D. Stewart

Richard is a professor at the University of Wisconsin-Superior, director of the Transportation and Logistics Research Center, and co-director of the Great Lakes Maritime Research Institute. He earned his PhD at Rensselaer Polytechnic Institute's Lalley School of Management. Richard has commanded oceangoing ships and was manager of a \$300 million dollar fleet of tankers and bulk vessels trading worldwide. He was a captain in the US Naval Reserve and holds a current Unlimited Ocean Master's License, and other certifications. Richard has extensive teaching experience in undergraduate and graduate courses in the US and overseas. His publications include an International Logistics textbook, book chapters, and papers on transportation management, marine environmental management, port operations, and transportation education. He has served as a consultant and is active in Boy and Girl Scouts, several professional societies, and serves on public advisory committees and non-profit boards.

Matthew C. TenEyck

Matthew is a doctoral candidate in the water resources science program at the University of Minnesota, advised by Dr. Donn Branstrator. He is also an associate researcher and serves as manager of the Lake Superior Research Institute toxicology testing and culture units at University of Wisconsin-Superior. He has also served as principal investigator and co-investigator on sediment and water-only toxicology studies.

Kimberly Thielen Cremers

Kimberly received a BS degree in biology with a zoology emphasis and later a geographical information systems certificate from St. Cloud State University. She has nine years experience beginning as the Gypsy Moth GIS Coordinator and now oversees the Gypsy Moth Survey Program, Minnesota Department of Agriculture. She is actively in the National Gypsy Moth Management Board and National Gypsy Moth Slow the Spread Program. Kimberly has worked for MDA's Endangered Species Program and as a Water Planner for the County of Wadena.

Sara Vacek

Sara is the wildlife biologist for the US Fish and Wildlife Service, Morris Wetland Management District, which manages federal land that is part of the National Wildlife Refuge System. Her work involves promoting science-based management through inventory and monitoring. Her field season is full of surveys from waterfowl pair counts to plant inventories on native prairie remnants. Sara's professional interests include waterfowl and wetland bird ecology, as well as general prairie and wetland conservation and management. She has a BA degree from Lawrence University and an MS degree from South Dakota State University.

Laura C. Van Riper

Laura graduated with a PhD in from the University of Minnesota in 2005. Her dissertation was on the effects of the yellow sweet clover invasion on nitrogen cycling and species composition. After spending summers in the prairies of Badlands National Park in South Dakota, she is now enjoying the forests of Minnesota. Laura continues to study invasive species as a post-doctoral researcher in the agronomy and plant genetics department, University of Minnesota. Her research focuses on monitoring garlic mustard populations before and after biocontrol release, as well as studying ecological impacts of garlic mustard.

Robert C. Venette

Rob is a research biologist with the USDA Forest Service Northern Research Station and an adjunct associate professor in the department of entomology, University of Minnesota. He has broad interests in invasion biology and risk assessment for invasive species and has worked on such issues as sudden oak death, Mediterranean pine engraver, and reed canary grass.

Abigail J. Walter

Abby is a PhD candidate in the department of entomology, University of Minnesota. Co-advised by Drs. Rob Venette and Steve Kells, her research is on the potential effects of the Mediterranean pine engraver in North America. She received a BS degree in environmental biology and an MS degree in entomology from Michigan State University.

Marsha J. Watland

Marsha is a graduate of North Dakota State University with a BS degree in both vocational agriculture science education and horticulture. She has worked over 30 years in the agriculture industry which includes secondary and post-secondary agriculture teaching positions. Currently, Marsha is working part-time for the Becker Soil and Water Conservation District as a county agriculture inspector and has her own landscape designing business.

James H.I. Weakley

Jim has served as president of the Lake Carriers' Association since 2003. As chief spokesman for US-Flag Great Lakes carriers, he represents the industry on a wide range of issues. He is a 1984 graduate of the US Coast Guard Academy. In 1993, he joined Interlake Steamship Company (one of the largest US-Flag carriers on the Great Lakes) as personnel director where he advanced to operations manager. Jim earned a MBA from Case Western Reserve University in 1999. He is a commander in the US Coast Guard Reserve. He was recalled to active duty following 9-11, and became a founding member of the Maritime Security Division, Ninth Coast Guard District. Jim serves as a commissioner to the Great Lakes Commission, chairs the board of Visitors at Great Lakes Maritime Academy, an advisor to the Council of Great Lakes Governors, a member on the board of directors for the Maritime Cabotage Task Force, a board member for the Marine Transportation National Advisory Committee, and an officer of the Great Lakes Maritime Task Force.

Chip Welling

Chip has been coordinator of the Eurasian Watermilfoil Program since 1993. Before joining the Minnesota Department of Natural Resources, he worked at the University of Minnesota on studies of purple loosestrife and effects of insecticides on wetland wildlife. Chip earned a MS degree in plant ecology from Iowa State University.

Corlis W. West

Corlis graduated from Bemidji State University in 1977. Following internships with the Minnesota Department of Natural Resources and US Fish and Wildlife Service, he began work with the US Environmental Protection Agency in 1979. Areas of research include site-specific water quality criteria assessments of pollutants using benthic invertebrates. Field research sites include Hog Island Inlet, Wisconsin (PAHs), Keweenaw Waterway (copper tailings) and Torch Lake, Michigan (metals and PAHs), Little Scioto River, Ohio (creosote), and Redstone Arsenal, Alabama (DDT). His research has also involved PAH bio-availability and photo-activation studies with benthic invertebrates, and effects of dioxin (2,3,7,8 TCDD) on benthic invertebrates. Currently, he is conducting Great Lakes near-shore benthic habitat characterization studies.

Blane White

Blane received a BS degree in animal and aquatic ecology from Michigan Technological University in 1978. Currently, he is an agriculture certification officer and conducts invasive plant early detection rapid response for the Minnesota Department of Agriculture. Before joining MDA, he was a college laboratory assistant and instructor in general biology and microbiology laboratory classes at Anoka Community College. Later, he was a summer and state apiary inspector, wildlife damage compensation program coordinator, and gypsy moth trapping coordinator. His interests are gardening, hiking, beekeeping, camping, and fishing.

Heidi Wolf

Heidi is the watercraft inspection program coordinator for the Invasive Species Unit, Minnesota Department of Natural Resources. She has been working for this program since 2001.

Gary Wyatt

Gary is a natural resources and environment, extension educator and professor at the University of Minnesota, Mankato. His main area of expertise is educating land owners and producers in agricultural landscapes about agroforestry practices that are economical and protect our soil, water, wildlife and natural resources. Some of these practices include perennial woody and vegetative crops, biomass, wellhead/watershed management and protection, wastewater treatment with trees, invasive species management, carbon credits, living snow fences, and windbreaks to benefit people and the environment.