



### **SPEAKER AND POSTER PRESENTER BIOGRAPHIES**

#### **Edward B. Arnett, Bat Conservation International**

Dr. Ed Arnett is a Conservation Scientist and Co-Director of Programs at Bat Conservation International (BCI). He also is the Program Coordinator for the Bats and Wind Energy Cooperative. Ed holds an Associates degree in Natural Resources Management, a Bachelor of Science in Fish and Wildlife Management, a Master of Science in Zoology and Physiology, and a Ph.D. in Forest Science. He has worked as a wildlife biologist for the US Forest Service and the US Fish and Wildlife Service, and was a wildlife research biologist for Weyerhaeuser Timber Company for several years prior to finishing his Doctorate degree and joining BCI. He has studied bats for the past 13 years, focusing primarily on habitat ecology and resource selection of forest bats, which was the topic of his dissertation research. Ed has led research efforts on bats and wind energy development over the past 4-years, primarily in the eastern U.S. He currently serves on the Federal Advisory Committee for developing recommendations for the US Fish and Wildlife Service's guidelines for wind energy and wildlife, serves on the Association of Fish and Wildlife Agencies' subcommittee on wind energy, and recently chaired The Wildlife Society's technical review committee on wind energy impacts on wildlife.

#### **Brian Bub, Natural Resources Consulting, Inc.**

Brian Bub received his BS in Biology from the University of Wisconsin – Stevens Point and his MS in Forestry from Michigan Tech University where he studied and published peer-reviewed research on forest songbird communities. His avian related work experience includes over 14 years of fieldwork conducting nest searches, territory mapping, trapping and banding, behavioral observations, point count surveys, and broadcast call surveys in a variety of different habitats (e.g., forests, grasslands, wetlands) and for a variety of different bird species in the upper Midwest. He has conducted bird surveys for graduate research, other academic research projects, inventory and monitoring projects for the Wisconsin Department of Natural Resources, as well as professional service projects for transportation, utility, and wind energy development clients. Mr. Bub works as a Senior Avian Ecologist with Natural Resources Consulting, Inc., and manages NRC's avian related services for wind facilities in the upper Midwest.

**Deanna K. Dawson, U.S. Geological Survey**

Deanna Dawson is a Research Wildlife Biologist at the USGS Patuxent Wildlife Research Center in Laurel, MD. A native of Minnesota, she has a Master's degree from Cornell University, and a lot of work experience! She's studied the distribution of forest-nesting birds in and around Washington, D.C., and throughout Maryland, and on their wintering grounds in Mexico. Her first work with migrating birds was as bander-in-charge for many years at a banding station operated during the fall migration on the Patuxent Research Refuge. Since then, she's done field surveys of migrating birds on day-time stopover in national parks in and near Washington, and on the Lower Delmarva Peninsula. In 2005, she started the study of nocturnally migrating birds in the Central Appalachians, monitoring their passage remotely, with radar and microphones. She's also recently worked on spatially explicit methods to estimate breeding bird density, from both capture-recapture data and data extracted from sound recordings.

**Jennifer Diaz, Puget Sound Energy**

Jennifer Diaz works for Puget Sound Energy, Washington State's oldest and largest utility producer of renewable energy in the Pacific Northwest. She is the Environmental and Communications Manager at Puget Sound Energy's second and largest operating wind farm, the Wild Horse Wind Facility, located in Ellensburg, WA. She is responsible for environmental and community stewardship programs, including wildlife management, grazing, hunting, recreational programs, and promoting public education of wind energy by conducting tours of the facility for visitors. She is actively involved in evaluating wildlife impacts at Wild Horse including birds, bats, and big game. She is also responsible for managing restoration of critical shrub-steppe habitat within the project boundary. Prior to working for Puget Sound Energy she was a Project Coordinator for Horizon Wind Energy developing wind projects throughout the Pacific Northwest. Jennifer received a degree in Geology and Anthropology from Western Washington University.

**Scott Downes, Northwest Wildlife Consultants, Inc.**

Scott Downes has been studying wildlife and wind interactions in the Columbia Basin of Oregon and Washington for over three years, and intensively conducting research on the shrub-steppe environs and associated wildlife of the Columbia Basin for over seven years. Scott has a B.S. in wildlife science from the University of Washington and a M.S. in biology from Central Washington University. Recently, his primary focus has been examining the impacts of wind power projects on various avian and mammal species. For the Big Horn Wind Power Project, Scott managed the fatality monitoring study, and worked with the Technical Advisory Committee and the developer Iberdrola (then PPM Energy) Renewables Inc.

**Wallace Erickson, Western EcoSystems Technology.**

Mr. Wallace P. Erickson has been a statistician/project manager with WEST since 1991. He has over 17 years of consulting experience related to the design and analysis of environmental and wildlife studies. His primary research interests include habitat selection methodology with applications to GIS, and study designs and analysis for detecting impacts from environmental perturbations. He has been lead statistician and WEST project manager for baseline studies, environmental permitting, and/or operational monitoring/research at wind energy projects in over 14 states. He is an author/co-author on over 35 professional journal articles, book chapters or peer reviewed proceedings papers, and is co-author of the 2<sup>nd</sup> edition of the book "Resource Selection by Animals". He has presented over 30 papers/posters at national/regional meetings. He has worked on numerous projects funded by the USFS, USFWS, USGS BRD as well as projects funded by industry.

**Joelle Gehring, Michigan Natural Features Inventory**

Dr. Joelle Gehring is Section Leader for Zoology at Michigan Natural Features Inventory (Lansing, MI) and Adjunct Faculty in the Biology Department at Central Michigan University (Mount Pleasant, MI).

Dr. Gehring designed and currently oversees a multi-year, landscape scale study of the variables associated with bird collisions at communication towers. Research results will provide information on methods to reduce bird collisions with communication towers. Dr. Gehring has collaborated with the Michigan State Police, Michigan's Office of the Attorney General, Michigan Department of Natural Resources, United States Fish and Wildlife Service, National Fish and Wildlife Foundation, United States Forest Service, Federal Aviation Administration, and the Federal Communications Commission to accomplish this research.

Dr. Gehring is particularly interested in avian ecology, wildlife responses to human-induced changes in the landscape, and determining methods of reducing wildlife - human conflicts. She believes that many human-related issues potentially affecting wildlife populations can and should be addressed in a scientific and integrated manner.

Dr. Gehring completed her Ph.D. in Wildlife Ecology at Purdue University in 2003. Her research focused on the flight patterns and behavior of Red-tailed Hawks in forested and agricultural habitats with direct implications and application to reducing bird-aircraft collisions via flight behavior models and a U.S. Air Force Bird Avoidance Model.

In 1997, Dr. Gehring finished her M.S. in Wildlife and Fisheries Resources at West Virginia University. The topic of her research was the assessment of wildlife habitat quality in central Appalachian hardwood forests following three different timber harvest techniques.

In 1993, Dr. Gehring completed her B.S., in both Biology and Wildlife Management at the University of Wisconsin - Stevens Point

Dr. Gehring has a beautiful 8-year old son, Forrest, who shares her interest in conservation and nature.

**Celia Greenman, Colorado Department of Wildlife**

Celia Greenman is one of four persons hired by Colorado Department of Wildlife to deal with the effect on wildlife from energy development, which includes oil and gas drilling, in-situ uranium mining, and wind energy, which is prominent in my region of northeast Colorado. She has worked for CDOW for a year as a liaison with industry and NGOs on issues of siting wind turbines and infrastructure to minimize impacts to wildlife.

Before joining CDOW, Ms. Greenman worked for the Colorado Geological Survey for 13 years as an engineering geologist and manager of the land use review program, which is charged with evaluating areas of proposed development for potential geologic hazards, such as landslides, rockfall, mine subsidence, and swelling or shrinking soils. She has also worked as an environmental consultant, a petroleum geologist, a technical writer, a geologist for synfuels projects, and as a minerals geologist.

Ms. Greenman is a member of Denver Audubon, a master gardener and native plant master (with "master" used very loosely). She is currently trying to work her back yard into a native prairie, if you don't count the occasional lilac bush.

**Patricia J. Heglund, US Fish & Wildlife Service**

Patricia Heglund is Chief, Division of Natural Resources – Region 3 and Regional Refuge Biologist for the US Fish & Wildlife Service. She currently supervises the Biological Monitoring Team stationed in La Crosse, WI, the Land Management Research and Demonstration Biologist located at Neal Smith National wildlife Refuge in Prairie City, IA, and provides Regional Biology leadership and support for the National Wildlife Refuge System. Ms. Heglund is also affiliate faculty at the University of Idaho - Department of Biological Sciences.

Ms. Heglund received her BS from the University of Minnesota in St. Paul, Minnesota in 1980. She received her masters degree from the University of Missouri in 1988 and completed her PhD in Fisheries and Wildlife there in 1992.

Ms. Heglund's research interests include: wildlife habitat relations; avian ecology and physiology; migration ecology; wildlife habitat management; and wetland ecology and limnology. Her current involvement in active projects includes: serving as representative for the Cooper Ornithological Society on the North American Banding Council; serving on the Executive Council for the American Ornithological Union (2007-2009); participating on the national technical advisory team for USFWS/USGS strategic habitat conservation framework; developing landscape scale decision support tools for monitoring bird and bat migration across Wisconsin; advancing the use of radar and related technological applications for biological and wildlife resource conservation; and illustrating the importance of the Upper Mississippi River Forest Corridor to neotropical migratory birds.

**Manuela Huso, Oregon State University**

Manuela Huso has been a statistician at Oregon State University for 20 years, teaching statistics to students in natural resources and helping faculty and students to design their research studies, analyze their data and interpret their results. Since 2004, she has been involved in pre-construction study design and analysis and deterrent study design at several wind power generation facilities. Recently, her research has focused on developing improved estimators of fatality in order to better assess the impacts of wind power generation facilities on wildlife and the potential for mitigation of these effects through deterrent or management techniques.

**Jason Jones, Tetra Tech EC, Inc.**

Jason Jones is a Senior Ecologist with Tetra Tech EC, Inc. He obtained his Ph.D. in wildlife ecology from Queen's University in 2001 and spent 7 years as a faculty member at Dartmouth College and Vassar College before making the move to environmental consulting. Prior to joining Tetra Tech, Dr. Jones's research focused on habitat selection and population dynamics of migratory songbirds, with a specific focus on species of conservation concern. Dr. Jones's primary roles with Tetra Tech include: providing technical leadership in the design and implementation of field studies; the analysis, interpretation, and presentation of research results; and the development of novel approaches to risk assessment for species of management interest.

**Josh Kapfer, Natural Resources Consulting**

Josh Kapfer (Ph.D.) received his MS in Biology from the University of Wisconsin-La Crosse and his doctorate in Ecology and Evolution from the University of Wisconsin-Milwaukee. He has over a decade of experience in vertebrate ecology research, including the design and implementation of field research projects, data collection, data analysis and scientific writing. He has numerous publications and has served as an advisor for several committees, including the Wisconsin Department of Natural Resource's Strategy for Wildlife Species of Greatest Conservation Need. Although his area of expertise is amphibians and reptiles, he has several years of research experience with fish and, most recently, bats. Dr. Kapfer works as a Senior Wildlife Biologist at Natural Resources Consulting, Inc. and is one of NRC's primary scientists involved in the

methods development and study design of projects that monitor bats at proposed wind facility locations in the upper Midwest.

**Adam Kelly, DeTect, Inc.**

Mr. Kelly is the Chief Scientist and a senior radar ornithologist for DeTect, Inc. of Panama City, Florida. He has a Master of Science degree in Conservation Biology from the University of Kent, England and a graduate diploma in raptor biology. In 1992, the U.S. government requested his support on U.S. radar ornithological research projects to develop automated radar systems for tracking bird and bat movements and migrations in real time for military safety and environmental management applications. Mr. Kelly was the lead scientist for a nationwide, radar based bird tracking system that uses the national weather radar network ([www.usahas.com](http://www.usahas.com)) and for small mobile radar systems for bird and bat detection, tracking and survey. DeTect's MERLIN Avian Radar System are currently in use at windfarms (terrestrial and offshore) for short- and long-term avian survey, operational monitoring and automated bird mortality risk mitigation for projects in the U.S., United Kingdom, Europe and New Zealand.

**Karl Kosciuch, Tetra Tech EC, Inc.**

Dr. Karl Kosciuch is an ecologist with Tetra Tech EC, Inc. He completed his Master's research at Texas A&M University and his dissertation research at Kansas State University. Karl is a wind energy project manager and provides technical guidance for wind/wildlife issues including endangered species, raptors, prairie grouse, cranes, bats, and grassland habitats. Karl works with developers and state and federal agencies to understand the issues and designs and supervises the appropriate studies to meet the agencies needs and permitting requirements.

**Rick Kuester, Wisconsin Energy Corporation**

Rick Kuester was appointed executive vice president of Wisconsin Energy Corporation in 2004. He joined the organization in 2003 as president and chief executive officer of We Generation.

Mr. Kuester leads the company's Fossil Operations and Wholesale Energy and Fuels business units. He also directs Power the Future – the company's growth strategy to construct additional power generation, increase renewable energy resources and improve existing facilities – and he oversees construction of the company's environmental initiatives. Mr. Kuester also served as chairman of Nuclear Management Company from 2005 until 2007.

Prior to joining Wisconsin Energy, Mr. Kuester was senior vice president - International of Mirant Corporation and chief executive officer of Mirant Asia-Pacific Limited in Hong Kong. Earlier, he held several executive positions with Southern Company's operations in Alabama and Mississippi, including vice president-Power Generation and Delivery for Mississippi Power and engineering manager-Nuclear Plant Support.

Kuester holds a bachelor's degree in mechanical engineering from Auburn University and a Master of Business Administration degree from Samford University in Birmingham, Alabama.

**Suzanne Leta Liou, Renewable Northwest Project**

As a Senior Policy Advocate at Renewable Northwest Project, Suzanne focuses on project siting, regulatory and legislative issues in Oregon and Idaho, solar energy, and climate change policy. Prior to joining RNP staff in December 2007, Suzanne directed energy policy analysis and advocacy at Environment New Jersey and New Jersey Public Interest Research Group and was a Senior Project Coordinator at Portland Energy Conservation, Inc. Suzanne co-chairs the Oregon Columbia Plateau Wind and Wildlife Task Force and the OSEIA Government Relations and Legislation Subcommittee. She also represents RNP on the Energy Trust

of Oregon's Renewable Advisory Committee and Governor Kulongoski's Renewable Energy Working Group. She sits on the board of the Citizens' Utility Board of Oregon and the Multnomah County Chapter of the Oregon League of Conservation Voters. Suzanne was born and raised in Salt Lake City, Utah and holds a B.A. from the University of Pennsylvania.

**Charles Maisonneuve, Ministère des Ressources naturelles et de la Faune du Québec**

Charles Maisonneuve studied Greater Snow goose fall migration for his Master's degree obtained in 1987 at Université Laval, Québec City. Since 1990, he has been working as research biologist for the MRNF. For the first ten years, he worked on the Evaluation Plan of the Eastern Habitat Joint Venture, and most of his research was targeted on waterfowl habitat needs and wetland biodiversity conservation. His work covered identifying the habitat needs of the American Black duck within agricultural landscapes of southern Québec, and the importance of maintaining big snags for cavity nesting ducks within the boreal forest. In the early 2000s, he worked on determining the origin of Double-crested cormorants invading the St. Lawrence River and inland lakes of the boreal forest, and on evaluating the impacts of these birds on fish communities. His work in the boreal forest gradually led him to work on the influence of various disturbances on raptors. In 2003, he used the Boreal Owl as an indicator species to study the influence of low-level jet training on wildlife in the Québec-Labrador peninsula. He is now collaborating on research projects to determine the impacts of wind energy development on raptors, particularly for species at risk within the province of Québec: Golden Eagles, Bald Eagles and Peregrine Falcons.

**Albert M. Manville, U.S. Fish & Wildlife Service**

As a Senior Wildlife Biologist with the Division of Migratory Bird Management (DMBM), U.S. Fish & Wildlife Service, Arlington, VA, Al serves as the national lead on anthropocentric causes of bird mortality from structures and fishery impacts. He chairs the Communication Tower Working Group, a Service wind turbine working group, a Service electric power line committee, and a waterbird bycatch working group, he co-chairs the Interagency Seabird Working Group, represents the Service on the Wildlife Workgroup (National Wind Coordinating Collaborative), on the Avian Power Line Interaction Cmt., on the Technical Advisory Committee for Audubon National Wildlife Refuge, and he is the Service's technical advisor to the Bird-Safe Glass Working Group.

He received a B.S. in zoology (Allegheny College, PA), an M.S. in natural resources and wildlife management (Univ. WI, Stevens Point), and a Ph.D. in wildlife ecology and management (MI State Univ.). In addition to studying and handling over 100 black bears in MI and WI, and assessing brown bear-human interactions in AK; Al conducted 6 summers of research in the Aleutian Islands on the impacts of marine debris on seabirds, sea lions, and seals; and studied impacts of the Exxon Valdez oil spill on seabirds for 5 years. He worked as a Mandarin Chinese interpreter at the National Security Agency (while performing his U.S. Navy military service) and was designated a "Certified Wildlife Biologist" by The Wildlife Society. Al has served as Big Game Records Coordinator for the Boone and Crockett Club, VP/Director of Science Policy for Defenders of Wildlife, a member of the U.S. Scientific Delegation on High Seas Driftnetting, Executive Director of the Adirondack Mountain Club, a member of the Steering Committee for the Endangered Species Coalition, a branch chief with DMBM, and leads bird strike, policy, and international migratory bird issues for his Division. In 1999, Al received the Conservation Service Award from the Secretary of the Interior for bird conservation efforts with the electric utility industry. He recently served on the Board of Managers of the Washington Biologists' Field Club and has been nominated for membership in the Cosmos Club. He is a member of numerous professional societies.

Al has testified over 37 times before Congress and related bodies; conducted numerous research efforts globally; published more than 140 professional and popular papers, chapters, and book reviews; and given more than 150 invited presentations. He served on the Editorial Advisory Board of the Nature Conservancy

Magazine, was the wildlife consultant for the Walt Disney/Touchstone Pictures movie *White Fang* (Jack London), and has conducted hundreds of radio, television, and print media interviews. He also serves as an Adjunct Professor for Johns Hopkins University teaching graduate-level evening ecology courses. Al also is a private pilot, wildlife photographer, kayaker, and dog aficionado.

**Jon McRoberts, Texas Tech University**

Originally from Columbia, Missouri, Jon received his undergraduate degree in Fisheries and Wildlife science from the University of Missouri in December of 2005. Wildlife conservation and management has been a life-long interest and Jon has researched a variety of wildlife species ranging from the giant pandas of western China to the black-footed ferrets of the Montana plains. Currently a graduate research assistant at Texas Tech University, Jon has spent the last several years successfully developing aerial survey methodology to locate lesser prairie-chicken leks and has utilized this technique to improve population and occupied range monitoring. Project partners included the Texas Parks and Wildlife Department, The Nature Conservancy, the United States Fish and Wildlife Service and the Bureau of Land Management. Jon's current research focus is studying the potential impacts of wind development on numerous wildlife species in the Texas Panhandle with a continued emphasis on lesser prairie-chickens. Other professional interests include endangered species management, wildlife policy development, and wildlife/agriculture cooperation and conflict. In his spare time Jon enjoys hunting, fishing, snow skiing, live music, and working on the family farm in Missouri.

**Tricia Miller, Carnegie Museum of Natural History**

Trish Miller has a strong interest in birds and raptors in particular. She received her BS from the University of Nevada, Las Vegas in 1995 and a MS from the Pennsylvania State University in 2006. In her career she has worked for state and private conservation organizations, including Arizona Game and Fish Department and HawkWatch International. Much of her work with these organizations has focused on studying, trapping and observing eagles and other raptors. Currently Trish manages the GIS lab at Powdermill Nature Reserve, the Biological Field Station of the Carnegie Museum of Natural History. In January 2007 Trish began working on her PhD in ecology at the Pennsylvania State University, studying the migration ecology of golden eagles in eastern North America and the potential conflict with wind power development.

**Bill Mueller, Natural Resources Consulting, Inc.**

Bill Mueller has an MS in Geography (Environmental Studies emphasis) from the University of Wisconsin-Milwaukee, where his thesis research focused on the biogeography and recent decline of the Red-headed Woodpecker. His avian-related work experiences include 18 years of fieldwork conducting point count and transect count surveys, as well as broadcast call surveys in a variety of different habitats. He is Project Coordinator of the Milwaukee County Avian Migration Monitoring Partnership (MCAMMP), Conservation Chair of the Wisconsin Society for Ornithology (WSO), and is former Issues Committee Chair of the Wisconsin Bird Conservation Initiative (WBCI). He has done Breeding Bird Surveys, State Natural Area Breeding Bird Surveys, grassland bird point count surveys for the Horicon National Wildlife Refuge, and is organizer and compiler of the Kewaunee, WI area Christmas Bird Count. He has conducted bird surveys as part of his graduate research, other academic research projects, and inventory and monitoring projects for the Wisconsin Department of Natural Resources, U.S. Fish & Wildlife Service, and the University of Wisconsin-Milwaukee Field Station. Mr. Mueller works as a Avian Ecologist for Natural Resources Consulting, Inc. and conducts biological assessments and pre-construction bird surveys for several wind facilities in the Upper Midwest.

**Jonathan Plissner, ABR, Inc.**

Dr. Jonathan Plissner has been conducting avian ecological studies for the past 25 years, with the majority of that time devoted to studies of avian movement patterns and the population ecology of threatened and endangered species. He has held positions with USGS, Oregon State University, and Point Reyes Bird Observatory; prior to joining ABR, Inc. in 2003. As a student of Sidney Gauthreaux at Clemson University, Dr. Plissner became familiar with applications of NEXRAD and mobile radar systems for monitoring bird movements. At ABR, he joined senior scientists Brian Cooper, Bob Day, and Todd Mabee; who had been using radar to conduct bird migration studies at wind energy facilities since 1994. Using radar methodologies that have been published in peer-reviewed scientific journals and night-vision techniques developed over the past five years, the ABR team has conducted studies of birds and bats at nearly 50 wind energy development sites in 15 U.S. states, Europe, and Mexico. In addition to studies of general patterns of diurnal and nocturnal bird migration, Dr. Plissner and other members of the ABR team have also used radar and audio-visual methodologies to study movements of specific species of interest (such as threatened and endangered marbled murrelets, Hawaiian petrels, and Newell's shearwaters) at proposed and operational wind energy facilities. Recently, Dr. Plissner has focused on the development of models predicting turbine collision rates, based upon estimated passage rates derived from radar study results.

**Michael Ross, McGill University**

Mr. Michael Ross is an M.Sc. candidate in the Department of Natural Resource Sciences at McGill University. His current research involves determining whether a recently built wind farm on the South Shore of Quebec is affecting the spring migration of raptors both in terms of abundance and avoidance behavior. He is also a teaching assistant for a third-year class in the Wildlife Biology undergraduate program. Michael has worked on a variety of projects in Quebec and Labrador which include aerial surveys on Beavers (*Castor canadensis*), energetics study on Surf Scoters (*Melanitta perspicillata*) during the molt, and captive breeding of endangered Loggerhead Shrikes (*Lanius ludovicianus*). He holds a B.Sc. from McGill University in Agricultural and Environmental Sciences. He currently lives in Ste-Anne de Bellevue, but grew up in Quebec City where he learned both English and French.

**Michael R. Schirmacher, Bat Conservation International**

Michael Schirmacher graduated from Tennessee Technological University in 2002 with a B.S. in Zoology. He graduated from the University of Georgia in 2006 with a M.S. in Forest Resources. His thesis involved using acoustic detectors to studying bat habitat use in three National Park areas located in south-central West Virginia. Mr. Schirmacher began working with bats in 2001 and, in 2006, began working with bat/wind issues as a conservation biologist for Bat Conservation International. For the last two years, Mr. Schirmacher has been the field manager for multiple wind facilities in north-western MA, south-central PA, and north-central WV.

**Jill Shaffer, U.S. Geological Survey**

Jill Shaffer is with the U.S. Geological Survey, Northern Prairie Wildlife Research Center as an Ecologist. In recent years, her work has focused on effects of landscape configuration and patch size on grassland and wetland birds. She has been working on the issue of wind and wildlife impacts since 2002.

**Lynn Sharp, Tetra Tech EC, Inc.**

Lynn Sharp is a wildlife ecologist and project manager in Tetra Tech EC, Inc's Portland, Oregon office. She has a M.S. in Zoology from the University of Alberta, Canada. Lynn has been involved in wind power projects since 1994 and has been involved in dozens of wind power projects throughout the midwest and western U.S. Her special interests include grouse, birds of prey, and development of mitigation and conservation strategies. She has been active in the National Wind Coordinating Collaborative Mitigation

Toolbox Subgroup since its inception, and presented the first draft of the Toolbox at the NWCC Wildlife Research Meeting VI in November 2006.

**Rick Sojda, U.S. Geological Survey**

Rick Sojda is a Wildlife Biologist with the Northern Rocky Mountain Science Center of the U.S. Geological Survey in Bozeman, MT. He addresses applied research problems by combining interests in wildlife ecology and artificial intelligence. Currently, he is exploring machine learning methods for detecting birds in Doppler weather radar. Other expertise includes the application of 3D GIS models to wind energy development and migrating cranes and geese, multi-agent systems for trumpeter swan management, and decision support systems for modeling interdisciplinary wetland processes. Rick collaborates closely with graduate students and holds affiliate appointments in both the Ecology and Computer Science Departments at Montana State University. In a past life, he had an array of hands-on experience in managing marshes and waterfowl across the United States with the National Wildlife Refuge System. Rick holds degrees from Cornell University, Iowa State University, and Colorado State University in the wildlife and natural resources fields.

**Dave Stout, U.S. Fish & Wildlife Service**

Dave Stout is the Chief of the Division of Habitat and Resource Conservation, US Fish and Wildlife Service. Dave has been with the Service since 1977 and has been involved with wetlands protection, hydropower, coastal planning, and fisheries management. He has worked primarily in the Mid-Atlantic and Northwest, and in Washington, DC.

In his current capacity, he is responsible for programs related to wetlands protection and restoration, wetlands mapping, conservation planning with federal agencies, marine mammals, coastal barrier protection, and most energy-related issues, including windpower, hydropower, and oil and gas production and transmission.

Dave is the Chairman of the National Windpower Siting Guidelines Committee.

Dave is married and has four daughters and five grandkids in the great Northwest, where he plans to return when his stay in Washington, DC is completed.

**John E. Toepfer, Society of Tympanuchus Cupido Pinnatus, Ltd.**

A native of Wisconsin, John E. Toepfer earned his B.S. and M.S. in 1972 and 1976 at UW-Stevens Point where he developed a life-long interest in prairie-chickens and a special friendship with Drs. Frederick and Frances Hamerstrom. As part of his PhD work he made the first attempt to reintroduce prairie-chickens in Wisconsin at Crex Meadows Wildlife Area in northwest Wisconsin. In 1978 he followed radio-marked sandhill cranes from Wisconsin/Minnesota to Florida and back documenting the migration routes and stopover areas that are now being used to reestablish an eastern population of whooping cranes. He earned a PhD in Biological Sciences at Montana State University with his thesis on "The Ecology of the Greater Prairie-Chicken as Related to Reintroductions." As a Professor at Little Hoop Community College at Fort Totten Indian Reservation in North Dakota he developed the first Tribal College Native American Wildlife Program and was instrumental in the development of the Inter-Tribal Bison Cooperative. Since 1996, he has served as Research Consultant conducting field research on prairie grouse with the Society of Tympanuchus Cupido Pinnatus, Ltd. (STCP). To address their concerns, and at the request of STCP Council members, regarding the future of prairie-chickens in Wisconsin, he developed and carried out STCP's field research project: Prairie Chickens & Grasslands: 2000 and Beyond. He serves on the Attwater's Prairie-Chicken Recovery Team and on the Board of the North American Grouse Partnership. In 2003, he received The Hamerstrom Award from the National Prairie Grouse Technical Council for outstanding contributions in

the field of prairie grouse biology.

### **Theodore Weller, U.S. Forest Service**

Ted Weller is an ecologist with the US Forest Service, Pacific Southwest Research Station in Arcata, California. He received a B.S. in Mechanical Engineering from University of California Santa Barbara and a M.S. in Wildlife Biology from Humboldt State University in Arcata, California where his work focused on roost ecology of the fringed myotis bat. Ted has worked with bats since 1996 and has published 10 papers on them in the peer-reviewed scientific literature. His work with bats has focused on improving methods to inventory and monitor their populations. In addition to assessing the impacts of wind energy development on bats, his current work focuses on describing the year-round ecology of the migratory silver-haired bat in redwood forests near his home.

## **FACILITATION STAFF:**

### **Abby S. Arnold**

Abby Arnold is Vice President and Senior Mediator at Kearns & West and part time at RESOLVE. Ms. Abby has facilitated the National Wind Coordinating Collaborative since inception. She brings over twenty years of experience leading consensus building and strategy for collaboratives and agreement focused negotiations for the private sector and policy makers in the Clean Technology sector positions her well to take on working with the variety of stakeholders interested in addressing the nation's transition to new energy resources and address, water, and natural resource issues. She is currently responsible for convening, facilitating, and mediating projects or advising leaders on how to address development of policy and specific siting issues surrounding energy, natural resource, environmental and public policy issues. Her cases involve a wide range of parties representing diverse interests from private entities and public agencies including federal, state, local and tribal governments, non-governmental organizations, and the public. Additionally, Abby offers strategic advice to policy makers and leaders developing the Clean Technology industry as they build partnerships to address complex issues that arise as new energy efficiency technologies and renewables become commercial. Abby also designs and offers quality trainings on negotiation skills, facilitation, public involvement, strategic planning and consensus building to public and private entities. She also designs and implements specialized dispute resolution systems for public agencies and private industry. Abby lives in Washington DC with her family; she loves the outdoors, especially her second home in Alaska.

### **Taylor Kennedy**

Taylor Kennedy is a Program Associate in RESOLVE's Washington, DC office, where she assists in convening and facilitating consensus building and policy dialogues. Ms. Kennedy coordinates many projects for the National Wind Coordinating Collaborative and its associated workgroups. Her tasks have included identification of research priorities, hosting informative meetings and workshops, production of reference and outreach materials, communication of scientific and political developments, and development of solutions to issues associated with interactions between wind energy development and wildlife.

Before joining RESOLVE, Ms. Kennedy worked as an Executive Assistant at Dutko Worldwide, where she provided research, policy, and administrative support for the Sustainability and Housing practices. She received a Bachelor's degree in Philosophy, with a minor in Political Science from James Madison University, Harrisonburg, VA in 2005. She is currently studying International Peace & Conflict Resolution at American University in DC.