

Michael John Dockry

USDA Forest Service
Northern Research Station
Saint Paul, MN 55108
651-649-5163
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EDUCATION:

- 1990 – 1994 University of Wisconsin – Madison
Department of Forest Ecology and Management
Madison, WI 53706
Bachelor of Science Degree: Forest Science – Natural Resource Option
Certificate: Environmental Studies
G.P.A. 3.4 on 4.0 scale
- 1994 – 1996 Pennsylvania State University
School of Forest Resources
University Park, PA 16802
Advisor: Marc Abrams
Master of Science Degree: Forest Resources
G.P.A. 3.8 on 4.0 scale
- 2006 - 2012 University of Wisconsin – Madison
Department of Forest and Wildlife Ecology
Madison, WI 53706
Advisor: Nancy Langston
Doctor of Philosophy Degree: Forestry
Minor: Geography
Certificate: Nelson Institute for Environmental Studies Center for Culture, History
And Environment: Indigenous Landscapes
G.P.A. 4.0 on 4.0 scale

WORK EXPERIENCE:

8/2013 - Present

Research Natural Resource Specialist (GS-0401-12)

Strategic Foresight and Rapid Response Group

Northern Research Station

U.S. Forest Service

USDA Forest Service

1992 Folwell Avenue

St. Paul, MN 55108

Serves as a research scientist with the USDA Forest Service Northern Research Station's Strategic Foresight and Rapid Response Group. Collaborates with the Strategic Foresight and Rapid Response Advisory Group, scientists and technicians across the Northern Research Station, and with outside collaborators to take a multifaceted, cross-disciplinary (including social, biological, and physical science data) approach to futures research and strategic foresight for natural resource planning, management, and policy. Identifies research problems, describes research objectives and approaches, describes expected results, evaluates progress, and determines best avenues for disseminating results. Currently working to develop a research agenda for this newly created position. Research topics include environmental scenario planning, incorporating diverse perspectives into natural resource planning and management, and developing new methods that integrate ecological, social, historical and inventory and modeling sciences.

- Serves as Co-Principle Investigator on an ongoing 2012 University of Minnesota project led by Assistant Professor Omar Espinoza titled "Forest Certification in Bolivia: A status report." The project is designed to gain an understanding of the state of forest certification in Bolivia by assessing trends in certification through secondary data analysis, assessing stakeholder perspectives on certification, and developing recommendations for forest certification as a means of sustainable forest management for Bolivia and the international community. Proposal funded for \$13,700.
- Serves as Co-Principle Investigator with Michigan State University and the College of Menominee Nation for a 2013 Great Lakes Integrated Sciences and Assessments (GLISA) project titled "Supporting tribal climate change adaptation planning through community participatory scenario development." Project seeks to engage up to six tribal communities to identify emerging trends in the Lake States. Project funded for one year at \$50,000.
- Serves as Co-Investigator on a collaborative research proposal with Oak Ridge National Laboratory, the University of Wisconsin Madison, and the US Forest Service titled: "A model-based uncertainty quantification framework for forest nanomaterial feedstocks and sustainability." Serves as lead researcher to use scenario development and expert judgment futuring methods to identify emerging trends and integrate them into this quantitative ecosystem modeling project. Pre-proposal for \$700,000 was selected for full proposal submission May 30, 2012. Full proposal not funded and currently looking for other funding opportunities for the project.
- Currently writing manuscripts from dissertation research (see papers in-preparation).
- Serves as an Investigator with the USGS North East Climate Science Center through the College of Menominee Nation.
- Serves as the Northern Research Station's Native American Alaskan Native Special Emphasis Program Manager and as a member of the Civil Rights Committee.

3/2005- 8/2013

**Forest Service Liaison to College Menominee Nation
Sustainable Development Institute (Forester GS-0460-12)**
U.S. Forest Service
College of Menominee Nation
Sustainable Development Institute
P.O. Box 1179
Keshena, WI 54135

Served as the US Forest Service liaison to the College of Menominee Nation Sustainable Development Institute to manage a sustainable forestry research, education, and technical assistance partnership, Center for First Americans Forestlands. Fostered transdisciplinary research, improved diversity in US Forest Service programing, and increased opportunities for tribal resource management.

- Represented four US Forest Service units in the partnership: Forest Products Laboratory, Northern Research Station, Northeastern Area State and Private Forestry, and the Eastern Region of the National Forest System.
- Lead strategic and program planning for the Center for First Americans Forestlands.
 - Developed and implements yearly program of work.
 - Developed and implements yearly budget.
 - Developed and implemented long-range strategic partnership plan and coordinated short and long range planning with the College of Menominee Nation.
- Organized yearly partnership meetings among US Forest Service and College of Menominee Nation partners.
- Served as Principal Investigator/Contact for US Forest Service grants and agreements with the College of Menominee Nation. Drafted agreement outputs, budgets, and partner roles/responsibilities for: Joint Venture Agreements, Cooperating Agreements, Challenge Cost Share Agreements, Participating Agreements, and the 2009 USFS/CMN Partnership MOU.

Research and Development

- Coordinated, formulated, and planed sustainable forestry research projects with the College of Menominee Nation, Northern Research Station, and Forest Products Laboratory.
- Organized, planed, and conducted interdisciplinary research on indigenous peoples' perceptions of sustainable forestry and sustainable forest management criteria and indicators to integrate social aspects of sustainability into forestry to improve forest management.
- Facilitated College of Menominee Nation's involvement in the USGS Northeast Climate Science Center in 2013 and supported the development of the successful grant proposal. Currently serves as an Investigator on the project and provides technical assistance in formulating the research agenda and implementing the project.
- Identified research problems and formulated objectives for a research agenda based on stakeholder input at the Great Lakes Tribal Climate Change Summit 2011 and the Great Lakes Forestry, Forest Products, and Industry Summit 2012. Developed and implemented stakeholder involvement process, analyzed stakeholder input (using Nvivo qualitative data analysis software), and co-authored two research agenda and technical assistance summary reports for dissemination by the College of Menominee Nation (see publications).
- Provided solicited peer-reviews for the following journals: Society and Natural Resources – Taylor & Francis; Environmental History – Oxford University Press; Climatic Change – Springer; Ecological Processes – Springer; and the US Forest Service.

- Leveraged \$763,700 in Research Funding:
 - USDA Tribal College Research Grant \$150,000: Sustainability Indicators Research Penn State University and College of Menominee Nation – served as co-investigator.
 - USDA Tribal College Research Grant \$150,000: Acoustic Testing of Wood College of Menominee Nation, Forest Products Laboratory, and University Minnesota Duluth - facilitated the project and funding but was not an investigator.
 - USFS WO Internal R&D Funding \$50,000: Tribes and Climate Change Research with Northern Research Station and College of Menominee Nation – served as co-investigator.
 - Department of Interior \$100,000/year for five years funding (\$200,000 awarded to-date) to establish Northeast Climate Science Center – serves as investigator and facilitated College of Menominee Nation’s involvement in the consortium.
 - \$200,000 Cooperating Agreement between Forest Products Laboratory and University of Wisconsin Madison’s office of Sustainability and the Knowledge Systems for Sustainability project – serves as co-principle investigator. MOU is in final stages of review at the University of Wisconsin.
 - University of Minnesota \$13,700 Global Spotlight research grant. Serves as Co-Principle Investigator on a research project to assess the status of forest certification in Bolivia.
- Strategic Foresight and Futures Research
 - Studied relevant literature and research methods commonly used in the social science field of Strategic Foresight and Futures research.
 - Served as a core member of the Northern Research Station’s team to develop the Strategic Foresight and Rapid Response Group’s Research Work Unit Description which identifies research problems, describes research objectives and approaches, describes expected results, evaluates progress, and outlines communication strategy for disseminating results.
 - Provided an internal technical review for a Northern Research Station manuscript titled “Horizon Scanning for Environmental Foresight: A Review of Issues and Approaches.”
- Cross-disciplinary research integrating historical, social, and ecological sciences
 - Identified research problems, conducted literature reviews, described research objectives, formulated a study plan based on interdisciplinary case study methods, outlined potential results, and conducted dissertation research into changing historical, social, and ecological trends of indigenous forest management in Bolivia and Menominee tribal forest management in the United States (see publications).
 - Used Nvivo qualitative analysis software to analyze historical ecological data (General Land Office survey records for Northeastern Wisconsin and historical documents), community meeting minutes, forest management plans, and individual interviews and focus group interviews.
 - Worked on a team to integrate traditional ecological knowledge and social science into Forest Inventory and Analysis sampling protocols to analyze birch bark resource trends in the Lake States (see papers in-review and in-preparation).
 - Served as co-investigator on project to understand Menominee perceptions and traditional ecological knowledge of climate change by analyzing tribal interviews conducted by the College of Menominee Nation (see papers in-preparation).

- Provided technical assistance to research scientists wanting to work on research projects with American Indian communities.
 - Compiled and disseminated examples of tribal research protocols throughout the US Forest Service, College of Menominee Nation, and academic research scientists throughout the US.
 - Facilitated collaborative research partnerships between the College of Menominee Nation, and the Menominee Tribe and the following institutions: University of Wisconsin Madison, University of Wisconsin Green Bay, Ohio State University, Penn State University, Purdue University, University of Wisconsin Platteville, University of Massachusetts Amherst, University of Minnesota Duluth, State University of New York College of Environmental Science and Forestry, US Forest Service Northern Research Station, US Forest Service Forest Products Laboratory, and the United States Geological Service.

Technology Transfer, Outreach, and Education

- Designed, implemented, and evaluated educational materials promoting sustainable forest management including brochures, booklets, and web based information.
- Developed, organized, and coordinated technology transfer, outreach, professional development, and community involvement for the Center for First Americans Forestlands.
 - Developed curriculum and organized 33 Menominee Forest Management tours to 662 total participants.
 - Developed, organized, planned, and implemented 22 workshops with 917 participants from American Indian communities, State and Federal natural resource organizations, non-governmental organizations, students, university faculty, and the general public. Topics included: invasive species management, American Indian perceptions of sustainable forest management, forest and land management planning, value added forest products, tribal communities and climate change, emerald ash borer impacts and ash seed collection, tribal nursery management, tribal green building and design, and sustainable forestry.
- Supervised graduate and undergraduate student interns working on research projects for the Center of First Americans Forestlands. Research projects have included sustainability criteria and indicators, non-timber forest products important to American Indians, invasive species impacts on American Indian communities, and sustainable building and construction.
- Provided input into tribal forest management research projects as a member of the Research subcommittee of the Intertribal Timber Council.
- Lead, organized, and choose academic readings for a Sustainability Reading Group Seminar at the College of Menominee Nation. Group met bi-weekly since Summer 2012. Semester-long topics included: ecology and health, traditional ecological knowledge, and sustainability models, language, and communication. Participants included CMN faculty, staff, students, and community members and averaged about six participants per session.
- Leveraged \$213,500 funding for education and outreach activities:
 - Northeast Area State and Private Forestry \$45,000: Invasive Species and EAB in American Indian Communities project – served as project coordinator.
 - USFS WO \$36,500: Conference Sharing Indigenous Wisdom II – served on conference organization team.
 - Region 9 \$57,000: Student internships and summer jobs.
 - Northern Research Station \$25,000: CMN Intern program development and cultural training for scientists.

- Forest Products Laboratory \$50,000: Manufacturing and marketing of secondary value added products for Menominee Tribal Enterprises Mill Works Division.

US Forest Service Tribal Relations and Partnerships

- Served as the Northern Research Station's Native American Alaskan Native Special Emphasis Program Manager and as a member of the Civil Rights Committee.
- Served on the R9 Tribal Relations team.
- Served as the R&D Point of contact for the Forest Products Laboratory for Research With Tribes.
- Participated in the Washington Office's Office of Tribal Relations nation-wide team.
- Provided technical assistance to US Forest Service International Programs to facilitate sustainable community forestry projects with indigenous peoples in Bolivia, Brazil, Ecuador, Mexico, and Peru.
- Gave presentations to US Forest Service employees on sustainable development, indigenous forest management, and the sustainability model developed by the College of Menominee Nation Sustainable Development Institute.
- Supported the US Forest Service locally and regionally to develop strategies for the recruitment of new employees and student employment especially in regards to Tribal Colleges and Universities.
- Served on the core team that drafted the Tribal Relations Strategic Framework for the Eastern Region United States Forest Service 2010 (see publications).
- Served on the core team that drafted the USFS National Tribal Relations Strategic Plan Fiscal Years 2010-2013 (see publications).
- Provided input to Northern Research Station Team in 2013 to develop tribal consultation strategy for the designation of Harshaw Experimental Forest in Wisconsin.
- Facilitated cross-boundary management of cultural and natural resources in 2011 and 2012 by facilitating dialogue between College of Menominee Nation Education and Extension Archeology Department and the Chequamegon-Nicolet National Forest on a cultural resource management project on the National Forest at Archibald Lake.
- Supported the incorporation of tribal perspectives into the Washington Office's development of the 2012 Land Management Planning Rule. Also served as a "2012 Planning Ambassador" to disseminate information, answer questions, and solicit feedback from internal USFS stakeholders.

Minority and Undergraduate Student Support

- Advertised, recruited, and supported student interns from the College of Menominee Nation including: 25 College of Menominee Nation Student interns since 2004, 2 Student Leadership Workshops, 4 US Forest Service STEP students, and 2 US Forest Service SCEP students leading to a permanent placement.
- Gave 66 presentations, seminars, and guest lectures to 1,884 people in undergraduate and graduate courses on topics including: forest planning, sustainability in natural resource planning, ecophysiology, dendrochronology and forest disturbance, indigenous community forestry, sustainable forest management, sustainable development, tropical deforestation, Bolivian forest management, Menominee forest management, cultural impacts of Emerald Ash Borer, and careers in Natural Resources.

- Classes and Universities where lectures were given include:
 - College of Menominee Nation: Introduction to Sustainable Development, Physical Geography, Implementing Sustainable Development, Introduction to Natural Resources, and Introduction to Forestry Fisheries and Wildlife Laboratory
 - Nicolet Area Technical College: Environmental Ethics
 - UW Madison: Graduate Seminar on Sustainable Development, Ethno-Botany, and Environmental Conservation
 - Saint Norbert College: Introduction to International Studies
 - State University of New York College of Environmental Science and Forestry: Indigenous Issues and the Environment (Graduate/Undergraduate Seminar)

June 2009

Community/Social Forestry Specialist Detail

U.S. Forest Service
 International Programs Office
 1099 14th Street, NW, Suite 5500W
 Washington, DC 20005

Served on an interdisciplinary team from the US Forest Service, USAID, and the University of Florida to plan, organize, and implement the “Latin American Forestry Management and Administration Seminar” held in Santa Cruz, Bolivia. There were 20 participants from eight countries.

- Participated in all aspects of program development, logistics, learning outcome development, and evaluation.
- Served as an instructor for two sessions of the seminar: 1. Incorporating Indigenous Perspectives in Development Projects and 2. Non-economic Values of Community Forestry Management.

July 2008

Tribal Relations Specialist Detail

U.S. Forest Service
 Office of Tribal Relations (OTR)
 201 14th Street SW
 Washington, DC 20250 - 1160

Developed information on best practices for creating partnerships between the US Forest Service and tribes and compiled information about indigenous perspectives on natural resource management for the Federal Government’s HumanDimensions.gov website.

(July 2008 Tribal Relations Specialist Detail Continued)

- Developed three informational brochures outlining how tribes can partner with the US Forest Service.
- Worked as part of a team to develop an Indigenous Perspectives section for the HumanDimensions.gov website.
- Wrote two articles for the HumanDimensions.gov website: 1. Issues and Topics: Indigenous Perspectives and 2. Case Study: North and South American Indigenous Leaders Technical Exchange (see publications).

January 2001- March 2005

Assistant Forest Planner (Forester GS-0460-11)

U.S. Forest Service

Green Mountain and Finger Lakes N.F.

5218 State Route 414

Hector, NY 14841

Served as a member of an interdisciplinary planning team for Forest Plan revision and forest planning for the Green Mountain and Finger Lakes National Forests.

- Developed strategy and timelines for inventories and assessments, public involvement, and NEPA pertaining to Forest Plan Revision.
- Wrote, reviewed, and edited sections of the revised Forest Plans, Draft Environmental Impact Statements, and supporting documentation including the development of 3 alternative management scenarios for the Finger Lakes National Forest and 5 for the Green Mountain National Forest based on management history, resource trends, best available science, management issues, stakeholder input, and legal requirements.
- Coordinated Plan revision activities between the plan revision team and the Finger Lakes National Forest district employees, Green Mountain National Forest leadership and resource staff areas, Region 9 planning team, local government, local community organizations, and the general public.
- Wrote and received a \$50,000 grant from the US Institute for Environmental Conflict Resolution to help resolve issues on both forests. Issues included: collaborative planning, public trust and the Forest Service, Wilderness designation, timber harvesting, recreation planning, and oil and gas leasing.
- Co-wrote, edited, and organized specialist input for an analysis of emerging and long-term trends of 15 years of management on the Finger Lakes National Forest: *Implementing the Finger Lakes National Forest Land and Resource Management Plan – A 15 Year Retrospective*.
- Led the Forest Service in the creation of an MOU to grant Cooperating Agency status to the National Park Service North Country National Scenic Trail for preparation of the EIS for Plan revision.
- Coordinated with the Forest Service's Forest Management Service Center and silvicultural specialists to model growth and yield of the Green Mountain and Finger Lakes National Forest's un-evenage and evenage silvicultural systems through the creation of over 100 yield tables using Forest Vegetative Simulator (FVS).

Public affairs, communication, and public involvement

- Designed, organized, presented, and facilitated more than 15 public meetings on forest plan revision topics for the Finger Lakes National Forest and assisted with organization of more than 60 on the Green Mountain National Forest.
- Wrote and presented 6 lectures on National Forest planning, decision making, and the Finger Lakes National Forest Plan revision for several Cornell University Natural Resources classes and for a graduate seminar at the State University of New York Syracuse College of Environmental Studies and Forestry.
- Worked with several University students on their class research projects relating to Forest Plan revision issues.
- Organized and led 6 field trips for the public and Cornell University classes to demonstrate Forest Plan revision issues in the field.

- Managed and maintained the Forest Plan revision web page to provide the public easy access to Forest Plan revision information.
- Wrote articles for the Finger Lakes National Forest's newsletter.
- Wrote briefing papers on Forest Plan revision issues for congressional tours and for a visit from New York Senator Charles Schumer.

Tribal relations

- Increased the involvement of the Seneca and Cayuga Nations in Finger Lakes National Forest activities and Forest Plan revision by initiating and organizing meetings and correspondence between the District Ranger and the Tribal Historic Preservation Officer, Tribal government officials, and a Clan Mother.
- Served as a member of the Green Mountain and Finger Lakes National Forests' tribal relations team that monitored issues affecting the US Forest Service and American Indian Tribes and Native American Communities.

Other duties

- Served as Finger Lakes National Forest Acting District Ranger 2/25/02–3/1/02, 9/26/02–10/5/02, 10/7/02–10/11/02, and 8/15/03–8/22/03.
- Organized a FOIA request for planning documentation on the Finger Lakes National Forest for the Forest Conservation Council.
- Completed administrative tasks and served on selection panels for the posting and hiring of plan revision team members (2 Recreation Planners, 2 Public Affairs/Writer Editors, 1 GIS/Cartographer, and 2 Wildlife Biologists).
- Worked on several NEPA projects including designation of newly acquired lands, a trail relocation project, and drafted a Record of Decision for oil and gas leasing.

September 2003

Forest Planner Detail

Caribbean National Forest (CNF)
 HC 01 Box 13490
 Rio Grande, PR 00745-9625

Organized interdisciplinary team to do an Environmental Assessment for 3 Forest Plan Amendments related to changes in Management Area allocations.

- Developed an outline and timeline for completing the project.
- Wrote scoping letter to start the NEPA process and solicit public comment.
- Provided NEPA guidance to the Forest Planner for the completion of the Environmental Assessment.

November 2002

Community/Social Forestry Specialist Detail

USDA Forest Service International Programs
 1099 14th Street NW, Suite 5500W
 Washington, DC 20005

- Visited and interviewed indigenous communities in Bolivia implementing sustainable community forestry operations including management, harvest, and processing of forest products.
- Co-wrote chapter on community forestry for a USAID report on tropical forestry and biodiversity in Bolivia (see publications).

- Provided insights into Bolivian culture and helped frame recommendations to be successful in a Bolivian context.

May 1999-June 2000

Natural Resource Manager and Ecologist

Peace Corps Volunteer
 United States Peace Corps
 La Paz and Santa Cruz, Bolivia
 South America

Designed, implemented, and promoted sustainable natural resource conservation projects in Santa Cruz, Bolivia for the Bolivian National Park Service and Peace Corps.

- Coordinated Peace Corps projects and five Peace Corps Volunteers working in and around Bolivian National Park Amboró.
- Co-led a team consisting of five Peace Corps volunteers, municipal government officials, and community members to designate a tropical wetland as Bolivia's first municipal reserve (*Reserva Municipal Curichi Cuajo*) in the rural community of Buenavista.
- Edited and wrote management plan focusing on endangered bird species and their habitat, water conservation, and sustainable economic development through eco-tourism for the municipal reserve.
- Wrote draft natural resource management regulations for timber extraction, controlled burning, and land preparation for the multiple use area of Bolivian National Park Amboró for the Bolivian National Park Service (*Servicio Nacional de Areas Protegidas*).
- Organized and supervised 6 park guards and 5 community members in the construction of a 6km interpretive trail, 4 campsites, and 2 bird towers in Bolivian National Park Amboró.
- Researched and Analyzed funding opportunities for the Bolivian National Park Service.
- Developed and presented a soil conservation, reforestation, and agro-forestry training session for Peace Corps trainees.
- Designed and led a two day seminar on reforestation and agro-forestry for 20 highland communities.

February 1997-May 1999

Forester and Environmental Educator

Peace Corps Volunteer
 United States Peace Corps
 Cochabamba, Bolivia
 South America

Designed, implemented, and promoted agro-forestry, soil conservation, and environmental education projects in Cochabamba, Bolivia for the University of San Simon and Peace Corps.

- Coordinated a distance education program for the University of San Simon Technical School of agriculture (*Universidad Mayor de San Simon Escuela Tecnica de Agronomia*).
- Taught 20 university students ecology, botany, biology, chemistry, mathematics, soil science, and environmental education for 15 hours a week.
- Trained 20 university students on the importance and utilization of agro-forestry and soil conservation for 40 hours a week.
- Managed the University of San Simon's 6 hectare experimental farm for fruit tree and crop production using agro-forestry and soil conservation techniques.

- Planned and implemented a reforestation program that consisted of the planting and management of more than 1,300 trees.
- Created soil conservation demonstration plots consisting of 13 terraces and 3 agro-forestry plots for use in agricultural extension.
- Supervised the fieldwork and agricultural trials of 20 university students.
- Administered an \$18,000 library project after designing, writing, and receiving funding for the project.

August 1996-February 1997

Environmental Planning Intern

Planning Department

Oneida Tribe of Indians of Wisconsin

Oneida WI, 54155

Worked on planning, conservation, and environmental issues as an environmental planner.

- Managed a team of 6 environmental and urban planners to revise and streamline the Oneida Nation of Wisconsin Master Plan by making it more culturally sensitive and user friendly.
- Established a committee of 12 environmental planners and natural resource managers to design an inventory of flora and fauna for the Oneida Nation of Wisconsin reservation.
- Participated in an interdepartmental Natural Resource Partnership Committee to help integrate environmental projects between various departments.
- Analyzed aerial photographs and interpreted data on land use patterns and natural resources of the Oneida Nation of Wisconsin.
- Researched wetland restoration and helped delineate a wetland within a wildlife management area.
- Wrote a proposal to use the original land survey records of the Reservation to determine the original extent and composition of the forests.
- Helped design a poster on non-point source pollution and erosion control for the Intertribal Agriculture Committee Conference.
- Assisted with a program to pave elder tribal member's driveways.
- Assisted with traffic flow analysis, stream flow monitoring and two Level 1 archaeological surveys.
- Wrote an article for the tribal newsletter, Kalliwesaks, about the planning department's current projects.
- Studied the relationship between Indian Tribes and the Federal Government.

June 1994 - June 1996

Graduate Research Assistant

School of Forest Resources

Pennsylvania State University

University Park, PA 16802

Designed, implemented, and evaluated ecological research projects both independently and with teams.

- Designed, implemented, evaluated, and summarized results four ecological research projects, both field and greenhouse, that evaluated tree physiology, leaf morphology, drought, nutrient availability and their relation to species and site.
- Collaborated on numerous ecological research projects investigating dendrochronology and forest stand dynamics in old-growth forests in the eastern United States.

- Designed and implemented forest surveys using both fixed plots and transects.
- Analyzed data using SAS statistical software and created computer graphics to illustrate trends for scientific publications. Statistical models and techniques used included: one, two, and three way analysis of variance (ANOVA); Student t-test; Tukey's multiple-range test; least squares linear regression modeling; Pearson's product-moment correlation; and general descriptive statistics like means and standard deviations.

Fall Semester 1995 **Graduate Teaching Assistant**
 School of Forest Resources
 Pennsylvania State University
 University Park, PA 16802

Taught students about ecological processes and illustrated these processes in the field.

- Taught and organized outdoor forest ecology lab sessions for 80 university students.
- Supervised gifted high school students' ecological research projects for the Pennsylvania Governors School program.

March 1992 - May 1994 **Undergraduate Research Assistant**
 Department of Forest Ecology and Management
 University of Wisconsin
 Madison, WI 53706

Assisted professors and graduate students with ecological research projects investigating forest stand dynamics, fire in old-growth forests in the Midwest, and tree eco-physiology.

- Recorded and analyzed tree ring data, fire scars, leaf area, and root density.
- Helped set up forest surveys using both fixed plots and transects.
- Created computer graphics to illustrate trends in tree growth and recruitment.

OTHER QUALIFICATIONS:

Training:

- | | |
|-------------|--|
| 1991 – 1993 | Leadership School – Camp Manitowish YMCA (summers) |
| 1997 | Sustainable development, environmental education, language, and cultural training – Peace Corps |
| 1999 | Community Participation in Bolivian Ecotourism conference – Peace Corps |
| 2001 | Forest Plan Implementation (NEPA) Training 1900-01 – USDA Forest Service |
| 2001 | Planning, Participation, and Public Land Management: The Collaborative Learning Approach – Steven Daniels and Gregg Walker |
| 2001 | Applied Environmental Modeling Course – Anthony Starfield |
| 2001 | Conflict and Collaboration in Community and Environmental Decision Making – Cornell Program on Environment and Community |
| 2001 | Interagency Programmatic Consultations Workshop – US Fish and Wildlife and Forest Service |
| 2001 | Jump-Starting High Performing Teams – USDA Graduate School |
| 2001 | Accelerating Team Development – USDA Graduate School |
| 2001 | Media Training – Braud Communications |
| 2003 | Communication Training – Progress Associates |

2003 Teambuilding – Progress Associates
 2003 Forest Vegetative Simulator Basic Course – USDA Forest Service
 2003 Advanced Facilitation Training – Meetings by Michaels
 2003 Introduction to ArcView GIS – ESRI
 2003 Sustainable Forestry Demonstration Area Field Tour – Cornell Cooperative
 Extension
 2003 New Employee Orientation Training – USDA Forest Service
 2008 Congressional Briefing Conference for the USDA Forest Service
 2013 SAS Statistical Software Training – USFS Northern Research Station

Awards/Honors:

1990 – 1994 Citizen Potawatomi Nation Scholarship, Citizen Potawatomi Nation
 1990 – 1994 Agriculture and Life Sciences Scholarships (2) University of Wisconsin
 1990 – 1994 Dean’s Honor List (7 semesters) University of Wisconsin
 1992 Sophomore Honors, University of Wisconsin
 1993 Alpha Zeta Agriculture Honor Society
 1993 Kappa Omicron Nu Honor Society
 1994 – 1996 Graduate Research Assistantship, Penn State University
 1995 Certificate of Appreciation “on behalf of the scholars and staff for your outstanding
 contribution and dedication to the Pennsylvania Governor’s School for the
 Agricultural Sciences”
 1999 Peace Corps Third Year Extension
 2002 Certificate of Merit for “Extra effort over an extended period of time in
 undertaking public involvement activities associated with revision of the
 Green Mountain and Finger Lakes National Forests Land and Resource
 Management Plans”
 2002 Certificate of Merit for “Outstanding work on the 15 Year Retrospective for the
 Green Mountain & Finger Lakes National Forests”
 2003 Certificate of Merit for “Outstanding work in the development of presentations
 for public meetings on the Finger Lakes National Forest”
 2005 Certificate of Merit for “Outstanding work on the Green Mountain and Finger
 Lakes revised Forest Plans and Draft Environmental Impact Statements”
 2006 Certificate of Appreciation for “Assistance with the Office of Tribal Relations
 National Meeting”
 2007 Greater Madison Federal Agency Association Award for "Equal Opportunity
 Employment/Diversity/Outreach to Non-Traditional Communities"
 2006 – 2012 Citizen Potawatomi Nation Scholarship, Citizen Potawatomi Nation
 2006 – 2009 US Forest Service Award for “Superior Performance” (four separate awards)
 2010 US Forest Service Award for “Outstanding Performance”
 2010 Certificate of Merit for “Outstanding effort in the development of the Tribal Relations
 Strategic Framework for the Eastern Region. Your dedication and hard work has
 contributed immeasurably to the integrity and maturity of the Tribal Relations
 Program in the Eastern Region”
 2011 US Forest Service Award for “Superior Performance”
 2011 Edward Bouchet Graduate Honor Society of Yale and Howard Universities –
 University Wisconsin Madison Chapter
 2012 US Forest Service Award for “Outstanding Performance”

2013 Certificate of Merit – NRS/FPL Director’s Cultural Transformation Award “In recognition for Exceptional Cultural Transformation Team Leadership and Multi-location collaboration as part of the FY 2013 Program Week Event: Many Cultures One World”

Computer Software:

Proficient with Mac and Windows, Microsoft Office Suite, Lotus Notes, Internet Explorer, Microsoft Outlook, and ArcView. Used Excel to develop descriptive statistics, budget accounting, and importing, transforming, and exporting data sets.

Advanced user of Nvivo qualitative data analysis software. Used the software for multiple research projects including PhD dissertation. Served as an expert on this software and trained several people at the College of Menominee Nation on its use for qualitative data analysis. Used Nvivo to integrate historical document analysis with interviews for my dissertation. This was considered a new and novel use of this software within the environmental history and historical ecology community.

Proficient with Forest Vegetative Simulator (FVS). Led team to import National Forest plot data, write the FVS code, run growth and yield models, analyze results, and report over 100 growth and yield tables for 150 years of even and un-evenaged management for both the Green Mountain Land and Resource Management Plan alternatives and Finger Lakes National Forest Land and Resource Management Plan alternatives.

Familiar with SAS statistical analysis software. Used SAS to analyze data for M.S. thesis and for laboratory projects while a Graduate Research Assistant position at Penn State University. Participated in the Northern Research Station’s 2013 SAS training sessions.

Foreign Languages:

Fluent in written and spoken Spanish (ETS/ACTFL Advanced High +)
Basic Quechua (Andean language)
Basic Portuguese

Professional Associations:

American Society of Environmental History – Chair of the Diversity Committee
American Indian Science and Engineering Society
Ecological Society of America – Traditional Ecological Knowledge & Latin American Sections
Edward Bouchet Graduate Honor Society – Yale University & University Wisconsin Madison
Forest History Society
Intertribal Timber Council – Member of Research Subcommittee (invited)
University Wisconsin Center For Culture, History and Environment – Community Associate
University Wisconsin Land Tenure Center – Affiliate Member (invited)
USGS Northeast Climate Science Center—Investigator (invited)

Solicited Peer-reviews for the following journals:

Environmental History – Oxford University Press
Climatic Change – Springer
Ecological Processes – Springer
Society and Natural Resources – Taylor & Francis

Publications:

Published (Peer-reviewed):

Indigenous Forestry in the Americas: Comparative Environmental Histories in Bolivia and Wisconsin. Michael Dockry. 2012. Ph.D. Dissertation. 261p. Forest and Wildlife Ecology Department. University of Wisconsin Madison.

Bolivia. Marielos Peña-Claros, Rudy Guzman, and Michael Dockry. 2011. Chapter 11 in: Sustainable Management of Tropical Rainforests: the CELOS Management System. Marinus J. A. Werger (ed.). Paramaribo, Suriname, Tropenbos International Suriname.

Bolivia. Marielos Peña and Michael Dockry. 2010. Forestry and Forests in the Americas: An Encyclopedia. Edited by: F. W. Cubbage. Society of American Foresters and International Society of Tropical Foresters. <http://www.encyclopediaofforestry.org/index.php?title=CandR>

Forest Ownership, Tenure, and Social System: Indigenous/Native Tribes Owners and Rights, USA. Michael J. Dockry and Holly YoungBear-Tibbetts. 2007. Forestry and Forests in the Americas: An Encyclopedia. Edited by: F. W. Cubbage. Society of American Foresters and International Society of Tropical Foresters. <http://www.encyclopediaofforestry.org/index.php?title=OwnTenSoc03>
Dendroecology and successional status of two contrasting old-growth oak forests in the Blue Ridge Mountains, U.S.A. Abrams, Orwig, and Dockry 1997. Canadian Journal of Forest Research 27:994-1002.

Leaf ecophysiology, morphology, and nitrogen of temperate tree species on three contrasting sites across a landscape in wet and dry years. Michael Dockry. 1996. 65p. Thesis M.S. Department of Forest Resources. Pennsylvania State University.

Peer-Reviewed Papers in press:

Status of Forest Certification. Omar Espinoza, Urs Buehlmann, and Michael Dockry. 2013. Peer-reviewed Proceedings of the International Scientific Conference on Hardwood Processing. Florence, Italy. October 7-9, 2013. [IN PRESS].

Peer-Reviewed Papers in-review:

Using Traditional Ecological Knowledge as a Basis for Targeted Forest Inventories: Paper birch (*Betula papyrifera*) in the Upper Midwest. Marla R. Emery, Jonathan Gilbert, Mark Hansen, W. Keith Moser, Alexandra Wrobel, and Michael Dockry with foundational contributions by Karen Danielsen and the tribal artisans who contributed their traditional ecological knowledge. [PAPER SUBMITTED February 2013 to Journal of Forestry]

Papers in-preparation (for peer-review submission):

Historical and indigenous perspectives of sustainable forest policy and management in lowland Bolivia. Michael Dockry and Nancy Langston. Target outlet: Conservation Biology. [PAPER IN PREPARATION].

Menominee Ecological Change, Tribal Perspectives, and Implications for Sustainable Forest Management. Michael Dockry and Nancy Langston. Target outlet: Forest Ecology and Management. [PAPER IN PREPARATION].

Menominee perceptions of forest management and sustainability. Michael Dockry, Nancy Langston, and Marla Emery. Target outlet: Ecology and Society. [PAPER IN PREPARATION].

Menominee Community Perspectives on Climate Change. Marla Emery and Michael Dockry. [PAPER IN PREPARATION]

State of Forest Certification: The Case of Bolivia. Omar Espinoza and Michael Dockry. Target outlet: Forest Products Journal. [PAPER IN PREPARATION]

Using the College of Menominee Nation Sustainable Development Model to Understand Diabetes as an Ecological Disease in American Indian Communities. Michael Dockry. Target outlet: EcoHealth. [PAPER IN PREPARATION]

Where Politics, Science, Agencies, and the Public Come Together: Collaborative Planning on the Green Mountain and Finger Lakes National Forests. Michael Dockry. Target outlet: USFS General Technical Report. [PAPER IN PREPARATION]

Published (Non Peer-reviewed)

Shifting Seasons: Great Lakes Forest, Industry, Products, and Resources Summit: Summit and Research Findings Report. Available June 2013. College of Menominee Nation Sustainable Development Institute. 22p. [Co-Author with Dean Fellman]

Shifting Seasons: Great Lakes Tribal Climate Change Summit: Summit Report and Findings. 2013. College of Menominee Nation Sustainable Development Institute. 22p. [Team Leader/Lead Author]

Tribal Relations Strategic Framework for the Eastern Region United States Forest Service 2010. USDA Forest Service 2010. 44p. [Core Team Member]

Tribal Relations Strategic Plan Fiscal Years 2010-2013. USDA Forest Service, Office of Tribal Relations. FS-930. September 2009. 10p. [Core Team Member]

Case Study: North and South American Indigenous Leaders Technical Exchange. Dockry, MJ. 2009. HumanDimensions.gov. <http://www.hd.gov/HDdotGov/detail.jsp?ContentID=254>

Issues and Topics: Indigenous Perspectives. USFS Office of Tribal Relations. 2009. HumanDimensions.gov. <http://www.hd.gov/HDdotGov/detail.jsp?ContentID=251>

Finger Lakes National Forest Proposed Land and Resource Management Plan and Draft Environmental Impact Statement. USDA Forest Service. May 2005. [Core Team Member]

Green Mountain National Forest Proposed Land and Resource Management Plan and Draft Environmental Impact Statement. USDA Forest Service. April 2005. [Core Team Member]

USAID Bolivia's Country Strategy 2004-2009 – Bolivia Country Analysis of Tropical Forests and Biological Diversity. Chapter 6 Community Forestry Development. 2002. Associates in Rural Development Inc. Burlington, VT. 119p.

Implementing the Finger Lakes National Forest Land and Resource Management Plan – A 15 Year Retrospective. 2002. USDA Forest Service. Rutland, VT. 86p. [Core Team Leader]

Implementing the Green Mountain National Forest Land and Resource Management Plan – A 15 Year Retrospective. 2002. USDA Forest Service. Rutland, VT. 173p. [Core Team Member]

Proyecto Manejo de la Reserva Municipal Cuajo. (Management Plan of the Municipal Reserve Cuajo) 2000. Michael Dockry y Jennifer Snyder. Gobierno Municipal de Buena Vista. Santa Cruz, Bolivia. 13p.

Reglamentacion especial de desmonte, quemas controladas y aprovechamiento de materia prima en el Area Natural de Manejo Integrado Amboró. (Special regulations for land clearing, controlled burning and tree harvesting in the Integrated Management Area of Amboró). Michael Dockry 1999. Servicio National de Areas Protegidas. Santa Cruz, Bolivia. 18p.

Seventh Generation: a Vision for the Oneida Nation Master Plan. 1997. Oneida Nation of Wisconsin. Oneida, WI. 31p.

Invited Presentations and Expert Workshop Participation:

Great Lakes Regional Conference 26th Anniversary Celebration, Native American Fish and Wildlife Society. September 8-13, 2013. Mahnomon, MN. Invited Presentation. Michael Dockry. Integrating climate science and tribal perspectives through partnerships: examples and reflections about the future of natural resource management.

International Expert and Stakeholder Workshop on the Contribution of Indigenous and Local Knowledge Systems to the Intergovernmental Platform for Biodiversity and Ecosystem Services: Building Synergies with Science. Nominated as an Expert Participant by US Forest Service, US Department of Agriculture, and US State Department. Meeting to be held 9-11 June 2013, Tokyo, Japan. United Nations Educational, Scientific and Cultural Organization (UNESCO) requested participation through a review of the workshop findings, documents, and reports.

Northeast Climate Science Center Stakeholder Workshop. Minneapolis, MN. January 17-18, 2013. Invited Presentation. Michael Dockry. Impacts of Climate Variability and Change on Cultural Resources—Emerald Ash Borer and American Indian Communities: Lessons for Climate Change Research.

American Society for Environmental History Annual Conference. Madison, WI. March 31, 2012. Organized Invited Panel: Indigenous Perspectives on Territory, Natural Resources, and Sustainability. Invited Panel Presentation. Michael Dockry. "Indigenous Perspectives on Forest Management, Territorial Control, and Tribal Identity in Wisconsin and Bolivia."

Yale University Edward Bouchet Conference on Diversity in Graduate Education. March 26, 2011. Invited Panel Presentation. Michael Dockry. "The Future of the Academy : Maintaining and Strengthening Academic Diversity in the Midst of the Current Economic and Political Climate". Yale University, Graduate School of Arts & Sciences.

35th Annual Intertribal Timber Council Symposium. June 16, 2011. Invited presentation. Michael Dockry and Melissa Cook. Sustainable Development and Sustainable Forestry: A Forest Service and Tribal College Partnership: An introduction to the partnership between the USFS and the College of the Menominee Nation, focusing on traditional and cultural based methods of sustaining forests, cultures and peoples.

U.S. Forest Service National Planning Rule Scientific Roundtable. Washington, DC. March 29-30, 2010. Invited Panel Presentation. Michael Dockry. Panel 4: Sustainable Rural Communities: Social, Cultural and Economic Dimensions Across the Landscape – Sustainable Management of Natural Resources.

Department of Forestry and Natural Resources Graduate Seminar Series Co-sponsored by the Entomology and American Indian Studies Departments. Purdue University. Invited presentation. Michael Dockry. Emerald Ash Borer and American Indian Communities: Unique Impacts and Response Strategies. October 3, 2006. Purdue University. West Lafayette, IN.

Old Growth and Extended Rotation Forests: Options for the Future in the Lakes States. Invited Conference Attendance. Boulder Junction, Wisconsin. May 21-24, 2006. National Council on Science for Sustainable Forestry.

Offered Presentations:

Ecological Society of America Annual Meeting: Sustainable Pathways—Learning From the Past and Shaping the Future. August 4-9, 2013. Oral Presentation. Michael Dockry. Menominee oral history: Using historical perspectives to inform contemporary sustainable forest management. [ABSTRACT ACCEPTED]

International Scientific Conference on Hardwood Processing. Florence, Italy. Oral Presentation. October 7-9, 2013. Omar Espinoza, Urs Buehlmann, and Michael Dockry. 2013. Status of Forest Certification. Oral Presentation. [ABSTRACT ACCEPTED/PAPER IN PRESS].

67th Forest Products Society International Convention. Austin, TX. Oral Presentation. June 9-11, 2013. Omar Espinoza and Michael Dockry. 2013. Forest Certification in Bolivia: A Status Report. [ABSTRACT ACCEPTED].

5th Conference of Bolivian Forestry Research. November 14-16, 2012. Poster Presentation. Omar Espinoza, Michael Dockry, and Maria Fernanda Laguarda. Status of Forest Certification: the Case of Bolivia. Poster presentation. Cochabamba, Bolivia.

American Society for Environmental History Annual Conference. Phoenix, AZ. April 14, 2011. Oral Presentation. Michael Dockry. "Indigenous Perspectives on Sustainability: The 1990 Indigenous Peoples' March for Territory and Dignity and the Origins of the Bolivian National Forestry Law."

American Society for Environmental History Annual Conference. Portland, OR. March 10-14, 2010. Oral Presentation. Michael Dockry. "Menominee Environmental History and the College of Menominee Nation's Struggle to Define Sustainability".

University Wisconsin Madison Nelson Institute Center for Culture History and Environment - Graduate Student Symposium. Madison, WI. April 4, 2009. Oral Presentation. Michael Dockry. "The 1990 Indigenous Peoples March for Territory and Dignity and the Origins of the Bolivian National Forestry Law."

University Wisconsin Madison Nelson Institute Center for Culture History and Environment - Graduate Student Symposium. Madison, WI. April 12, 2008. Oral Presentation. Michael Dockry. "Using the Sustainable Development Institute Model to Facilitate Research, Community Involvement, and Planning to Understand Environmental Change."

International Conference on Transformative Mediation: Purpose Drives Practice. Saint Paul, MN. September 17-18, 2006. Institute for the Study of Conflict Transformation. Oral Panel Presentation. Judith Saul, Scott Sears, and Michael Dockry. Evolving Relational Practice: When Parties Number in the Hundreds.

Environmental Conflict Resolution 2005 Conference. US Institute for Environmental Conflict Resolution. Tucson, AZ. Member of a panel discussion focused on convening parallel collaborative processes with the public and within the Forest Service for the revision of the Green Mountain and Finger Lakes National Forests' Management Plans. The discussion also included implications for process design, capacity building, and facilitating agreements.