

**Nicholas J. Reo, Associate Professor**  
Native American and Indigenous Studies Department  
Environmental Studies Department  
Dartmouth College  
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## **EDUCATION**

Ph.D. Michigan State University- May 2010  
Department of Fisheries and Wildlife  
Concentrations: Forest Ecology plus Cultural Anthropology

Master of Science University of Michigan, Ann Arbor - December 2002  
School of Natural Resources and Environment  
Concentration: Conservation Planning

Bachelor of Science University of Michigan, Ann Arbor - May 1997  
School of Natural Resources and Environment  
Concentration: Environmental Policy and Behavior

## **PROFESSIONAL EXPERIENCE**

Associate Professor. Dartmouth College, Native American Studies and Environmental Studies programs. 2018-present.

Assistant Professor. Dartmouth College, Native American Studies and Environmental Studies programs. 2012 – 2018.

Research Fellow. University of Michigan School of Natural Resources & Environment, Ann Arbor 2010 – 2012.

Acting Director. Michigan State University Native American Institute, East Lansing 2008 – 2010.

Assistant Director. Michigan State University Native American Institute, East Lansing 2008.

Co-Director. Michigan Federally-recognized Tribes Extension Program, Michigan State University 2007 – 2010.

Co-Director. Building Strong Sovereign Nations tribal governance initiative, Michigan State University 2007 – 2010.

American Indian Liaison, Michigan State University Extension 2003 – 2008.

## **JOURNAL ARTICLES**

*underlined* = undergraduate student; *italics* = graduate advisee; **bold** = post-doc advisee; **bold + underline** = community research partner; \* = non-peer reviewed articles

Clark R, NJ Reo, J Hudson-Niigaanwewiidan, L Waawaashkeshikwe Collins-Downwind, C Waabshkaa Asinekwe Medicine (Accepted Pending Minor Revisions) Gathering Giizhik on a changing landscape Submitted September 2021 to *Ecology and Society*.

- Fox CA, NJ Reo, B Fessell, F Dituri (2022) Native American Tribes and Dam Removal: Restoring the Ottaway, Penobscot and Elwha Rivers. *Water Alternatives* 15(1): 31-55.
- Fernández-Llamazares Á, D Lepofsky, CG Armstrong, ES Brondizio, MC Gavin, K Lertzman, PO Lyver, GP Nicholas, P Pascua, NJ Reo, V Reyes-García, NJ Turner, J Yletyinen, EN Anderson, W Balée, J Cariño, DM David-Chavez, CP Dunn, SC Garnett, S Greening (La'goot), S Jackson (Niniwum Selapem), H Kuhnlein, Z Molnár, G Odonne, G-B Retter, WJ Ripple, L Sáfián, AS Bahraman, M Torrents-Ticó, MB Vaughan (2021) Scientists' Warning to Humanity on Threats to Indigenous and Local Knowledge systems. *Journal of Ethnobiology* 41(2):144-169. <https://doi.org/10.2993/0278-0771-41.2.144>
- Reo, NJ, SM Topkok, N Kanayurak, JN Stanford, DA Peterson, and LJ Whaley (2019) Environmental Change and Sustainability of Indigenous Languages in Northern Alaska. *Arctic* 72(3): 215–228. DOI: <https://doi.org/10.14430/arctic68655>
- Schuster, R, RR Germain, JR Bennett, NJ Reo, and P Arcese (2019) Vertebrate biodiversity on indigenous-managed lands in Australia, Brazil, and Canada equals that in protected areas. *Environmental Science & Policy* 101. pp 1-6. <https://doi.org/10.1016/j.envsci.2019.07.002>.
- Bansal S, S Lishawa, S Newman, BA Tangen, D Wilcox, D Albert, MJ Anteau, MJ Chimney, RL Cressey, E DeKeyser, KJ Elgersma, SA Finkelstein, J Freeland, R Grosshans, PE Klug, DJ Larkin, BA Lawrence, G Linz, J Marburger, G Noe, C Otto, NJ Reo, J Richards, C Richardson, L Rodgers, AJ Schrank, D Svedarsky, S Travis, N Tuchman, L Windham-Myers (In Press) *Typha* (cattail) Invasion in North American Wetlands: Biology, Regional Problems, Impacts, Ecosystem Services, and Management. *Wetlands*.
- Reo, NJ (2019) Inawendiwin and Relational Accountability in Anishnaabeg Studies: The Crux of the Biscuit. *Journal of Ethnobiology*, 39(1):65-75.
- Reo, NJ and LA Ogden (2018) From invasive species to migrating nations: broad perspectives of invasive species plants in Anishnaabe aki. *Sustainability Science*: 1-10. <https://doi.org/10.1007/s11625-018-0571-4>
- Waller, DM and NJ Reo (2018) First Stewards: Ecological outcomes of forest and wildlife stewardship by Native peoples in Wisconsin, USA. *Ecology and Society* 23(1):45. <https://doi.org/10.5751/ES-09865-230145>
- Reo, NJ, KP Whyte, D Ranco, **JS Brandt**, *B Elliott*, ED Blackmer (2017) Invasive species, Indigenous stewards and vulnerability discourse. *American Indian Quarterly*. 41(3): 201-223.
- Lishawa SC, BD Carson, **JS Brandt**, JM Tallant, NJ Reo, DA Albert, AM Monks, **JM Lautenbach**, and **E Clark** (2017) Mechanical Harvesting Effectively Controls Young *Typha* spp. Invasion and Unmanned Aerial Vehicle Data Enhances Post-treatment Monitoring. *Frontiers in Plant Science* 8: 619. pp. 1-14. DOI=10.3389/fpls.2017.00619.
- Fox, CA, NJ Reo, DA Turner, **J Cook**, **F Dituri**, **B Fessell**, **J Jenkins**, **A Johnson**, **TM Rakena**, **C Riley**, **A Turner**, **J Williams**, and **M Wilson** (2017) “The river is us; the river is in our veins”: re-defining river restoration in three Indigenous communities. *Sustainability Science*. pp. 1-13. doi:10.1007/s11625-016-0421-1. *Fox and Reo served as co-first authors*.
- Reo, NJ, KP Whyte, D McGregor, MA Smith and **J Jenkins** (2017) Factors that support Indigenous involvement in multi-actor environmental stewardship. *AlterNative*. pp. 1-11. doi: 10.1177/1177180117701028.
- Fletcher, MLM, KE Fort and NJ Reo (2014) Tribal disruption and Indian claims. *Michigan Law Review First Impressions* 112(65): 65-72.

- Deyo, N, M Bohdan, R Burke, A Kelley, B van der Werff, ED Blackmer, RE Grese and NJ Reo (2014) Trails on tribal lands in the United States. *Landscape and Urban Planning* 125: 130–139.
- Reo, NJ and A Parker (2013) Re-thinking colonialism to prepare for the impacts of rapid environmental change *Climatic Change* 120 (3): 671-682.
- Silver, EJ, JH Speer, M Kaye, NJ Reo, L Howard, AK Anning, SW Wood, and HM Wilbur (2013) Fire history and age structure of an oak-pine forest on Price Mountain, Virginia. *Natural Areas Journal*. 33(4): 440-446.
- \*Fletcher, MLM and NJ Reo (2013) Response to Sanders: Ma'iingan as Property. *Wisconsin Law Review* 2013(9): 69-72.
- \*Fragoso, J and NJ Reo (2013) Complex Interactions Between Biota, Landscapes and Native Peoples *Ecological Processes* 2:28. pp.1-3. doi: 10.1186/2192-1709-2-28.
- Reo, NJ & KP Whyte (2011). Hunting and morality as elements of Traditional Ecological Knowledge. *Human Ecology* 40(1): 15-27. doi: 10.1007/s10745-011-9448-1
- \*Reo, NJ (2011) The Importance of Belief Systems in Traditional Ecological Knowledge Initiatives. *International Indigenous Policy Journal* 2(4). pp. 1-4.
- \*McConnell WJ, JDA Millington, NJ Reo, LA Baker, N Brozović, LE Drinkwater, SA Drzyzga, J Fragoso, DS Holland, TA Kohler, HDG Maschner, M Monticino, G Podestá, RG Pontius Jr, CL Redman, D Sailor, G Urquhart and J Liu (2011) Research on Coupled Human and Natural Systems (CHANS): Approach, Challenges and Strategies. *Bulletin of the Ecological Society of America* 92(2): 218-228. doi: 10.1890/0012-9623-92.2.218.
- Reo, NJ & J Karl (2010) Tribal and state ecosystem management regimes influence forest regeneration. *Forest Ecology and Management* 260(5): 734-43.
- Kazmierski, J, M Kram, E Mills, D Phemister, N Reo, C Riggs, R Tefertiller, D Erickson (2004) Conservation planning at the landscape scale: a landscape ecology method for regional land trusts. *Journal of Environmental Planning and Management* 47(5): 709-736.

## **OTHER PUBLICATIONS**

- Lake, F, M Emery, KS Friday, M Baumflek, K Kamelam, J Gilbert, NJ Reo, L Kruger, N Grewe (2018) Cultural Dimensions of Non-Timber Forest Products. In Assessment of nontimber forest products in the United States under changing conditions. General Technical Report SRS-232, US Forest Service, Southern Research Station
- Janowiak, MK, AW D'Amato, CW Swanston, L Iverson, et al. (2018) New England and New York Forest Ecosystem Vulnerability Assessment and Synthesis. USDA Forest Service General Technical Report NRS-173.
- Whyte, KP, NJ Reo, D McGregor, MA Smith and J Jenkins (2017) Seven Indigenous Principles for Successful Cooperation in Great Lakes Conservation Initiatives. In *Biodiversity, Conservation and Environmental Management in the Great Lakes Basin*. Freedman E and MR Neuzil (eds.) Routledge.
- Reo, N. (2009) Ash trees, Indian communities and the emerald ash borer. Unpublished article available online at [www.emeraldashborer.info/educational.cfm](http://www.emeraldashborer.info/educational.cfm)

## **TEACHING AND ADVISING**

Land, Love, and Kinship: advanced undergraduate seminar on Indigenous environmental knowledges (NAS 81:04 / ENVS 85) Dartmouth College 2019 to present.

Feast and Forest (NAS 13) Dartmouth College 2018 to present.

Indigenous Environmental Studies (NAS18/ENVS18) Dartmouth College 2012 to present.

Encountering Forests (ENVS19/NAS19) Dartmouth College 2013 to 2019.

Environmental Problem Analysis and Policy Formation (ENVS 50) Project-based learning senior capstone class. Dartmouth College 2014 to 2019.

PhD committee chair: Braden Elliott, Dartmouth EEES, 2013 - 2019.

PhD committee member: Flora Krivak-Tetley, Dartmouth EEES, 2015 - 2019.

Master's degree opus project advisees (University of Michigan School of Natural Resources and Environment): Peter Grella, Marie Beaudoin, Benjamin Johnson, Lauren Maloney and Abigaile Hyduke.

Dartmouth senior thesis advisees: Kalae'ola'aku'upoki'ialoha Trask-Sharpe '17; Maya Johnson '14 (co-advisor with Ross Jones); Sonya "Ali" Uribe '14 (2<sup>nd</sup> reader for D.G. Webster).

Dartmouth senior fellowship advisees: Muriel Ammon '21.

## **GRANTS**

**Global Water Futures Part II (renewal). \$25,500 CAD.** 2020-2022. "Co-Creation of Indigenous Water Quality Tools" Co-Principal Investigator with PI Dawn Martin-Hill, McMaster University.

**Institute for Cross-Disciplinary Engagement at Dartmouth Workshop Grant. \$11,500.** 2020. "Anishinaabe human-plant-language relations workshop." Collaborative workshop with Maaganiit Noodin, Vern Northrup, and Marsha Reeves.

**Global Water Futures. \$75,000 CAD.** 2019-2021. "Co-Creation of Indigenous Water Quality Tools" Co-Principal Investigator with PI Dawn Martin-Hill, McMaster University.

**Irving Institute Grant. \$49,999.** 2019-20. "Survey of Energy and Indigenous Environmental Studies in the Americas." Collaborating faculty member alongside PI Laura Ogden.

**National Socio-Environmental Synthesis Center.** 2017. "Indigenous communities: promoting social and ecological sustainability in the face of climate change". Project Steering Committee Member and Workshop Participant.

**US EPA Great Lakes Restoration Initiative.** 2016-2018. "Increasing biodiversity and habitat complexity in invaded wetlands" Co-Principal Investigator with Shane Lishawa, Nancy Tuchman, Dennis Albert, and Jodi Brandt. Dartmouth sub-award. \$47,597.

**Dartmouth Experiential Learning Initiative.** 2016-2017. “Learning Together in Vermont's Forests: Collaborative Recreation and Ecological Research in the Green Mountains” Principal investigator with Karen Bieluch. \$9,521.

**Porter Foundation Award.** 2015-2018. “Sustainable communities in the Arctic: the land-language link” Co-Principal Investigator with Lindsay Whaley, David Peterson, and PI James Stanford. \$50,000.

**Neukom CompX.** 2016. “Developing novel computational approaches in support of indigenous-led Earth Stewardship of Great Lakes coastal wetlands.” Principal Investigator with Jodi Brandt. \$24,550.

**Dartmouth Anthropology Goodman Award.** 2016. “Anishnaabek understandings of introduced species in the northern Great Lakes region.” Co-Principal Investigator with Laura Ogden. \$4,820.

**Porter Foundation Award.** 2015-2016. “Indigenous Confluence: the role of Indigenous knowledge in river restoration and sustainable futures.” Principal Investigator with Coleen Fox and Dale Turner. \$50,000.

**Upper Midwest – Great Lakes Landscape Conservation Cooperative.** 2011-2013. “Manajiwini: Respecting Tribes, First Nations and Cultural Resources in Cooperative Landscape and Climate Change Decision Making.” Principal Investigator with Kyle P. Whyte, Deborah McGregor and Peggy Smith. \$128,496.

**University of Michigan Rackham Graduate School, Faculty Allies for Diversity in Graduate Education.** 2011-2012. “School of Natural Resources and Environment Envoys Program”. Proposal Co-Author and Committee Member. \$50,000.

**University of Michigan School of Natural Resources and Environment McIntire-Stennis Research Program.** 2010-2011. “Fire Management on Federal Forestlands in Michigan’s Upper Peninsula: Incorporating Tribal Priorities, Perspectives and Traditional Knowledge.” Principal Investigator. \$54,663.

**US Fish & Wildlife Service Tribal Wildlife Grant.** 2008-09. “Kaibab Paiute Tribal wildlife management program: building capacity through training and education.” Grant co-Author and Project Advisor. \$199,998.

**Federally-Recognized Tribes Extension Program.** 2007-2011. Michigan federally-recognized tribes extension program. Michigan State University Extension. Co-PI. \$370,840.

**MSU Extension Program Development Fund.** 2007. “Building Strong Sovereign Nations tribal governance training.” Co-PI. \$9,926.

**Families and Communities Together, MSU Outreach & Engagement.** 2007. “Upper Peninsula Tribal Forestland Acquisition Project.” Co-PI. \$25,000.

## **AWARDS**

2018 Dartmouth College Native American Faculty Mentoring Award

2016-17 Dartmouth College Dean of the Faculty Mentoring Award

2011 University of Victoria at Wellington Maori Studies Department Toi huarewa Visiting Indigenous Fellowship

2009 Michigan State University - National Aeronautics and Space Administration Professional Enhancement Award

2007 Ford Foundation Pre-Doctoral Fellowship

2007 Michigan State University Emma Shore-Thornton Award

2006 American Indian Science and Engineering Society A.T. Anderson Memorial Scholarship

2006 Sault Ste Marie Tribe of Chippewa Indians Victor Matson Sr. Tributary Award

## **RECENT LECTURES & PRESENTATIONS**

Bridging Traditional Knowledge and Western Science: The 8th Biennial Patrick Colgan Memorial Lecture. Royal Botanical Gardens. Hamilton, Ontario, CAN (virtual). Invited Panelist. March 18, 2021

Interweaving and Learning from Indigenous Knowledge & Science Workshop: Sharing Best Practices and Challenges. Nuclear Waste Management Organization of Canada. Toronto, Ontario, CAN (virtual). Invited Speaker. December 16-17, 2020

Traditional Ecological Knowledge: Reclamation through Mapping Six Nations' Ecosystem. Ohneganos Ohnegahde:gyo podcast Season 2, Episode 6. Invited Panelist.  
<https://www.youtube.com/watch?v=Yy0ZssI6FgI&t=1863s> November 5, 2020

Making Space for Indigenous Leadership in Mainstream Conservation. Midwest Invasive Plant Network Upper Midwest Invasive Species Conference. Lisle, IL (virtual). Invited Speaker. November 4, 2020.

Centering Indigenous Knowledges in a Nebulous Moment. Hood Museum of Art at Dartmouth College, Hanover, NH (virtual). Panelist. October 21, 2020.

Multiple Dimensions of Indigenous Ecological Restoration. Massey University, Auckland NZ. Invited Speaker. February 21, 2020.

Zaagi'idiwin miiniwaa Inawendiwin: love and accountability in Indigenous environmental research. Humboldt State University. Environment and Community Graduate Program. Invited Speaker. May 2, 2019.

Inawendiwin and Relational Accountability in Anishnaabeg Studies: The Crux of the Biscuit. University of North Carolina at Chapel Hill. Geography Department. Invited Speaker. April 12, 2019.

Inawendiwin and relational accountability in Indigenous-university research partnerships. Trent University Indigenous Environmental Studies/Science Program. Invited Lecture June 15, 2018.

Leadership in Global Indigenous Studies. McMaster University. Invited Speaker. June 8, 2018.

Food, Land, and Power. Indigenous Studies Colloquium. New York University. Invited Panelist April 29, 2018.

Critical Physical Geography: Transformative Eco-Social Research. American Association of Geographers Annual Meeting. Invited Panelist New Orleans, LA. April 14, 2018.

Anishnaabe Aki: an Indigenous perspective on the global threat of invasive species. McGill University Department of Anthropology. Invited Speaker February 09, 2018.

Inawendiwin and relational accountability in Anishnaabeg Studies. McGill University Center for Society, Technology and Development (STANDD) Invited Speaker January 26, 2018.

Anishnaabe Aki: an Indigenous perspective on the global threat of invasive species. Yale University Native American Cultural Center. Invited Speaker October 24, 2017.

Protection, Protest, and Indigenous Environmental Stewardship in the 21st Century. Northfield Mount Herman School. Invited Lecture. October 12, 2017.

Introduction to Native American Studies. Native student pre-orientation lecture. Dartmouth College, NH. September 4, 2017.

From Invasive species to migrating Nations: Broad perspectives of invasive species in Anishinaabe Aki. North American and Indigenous Studies Association. Vancouver, BC. June 24, 2017.

Indigenous Confluence Project. Society of Ethnobiology Annual Conference. Montreal, QC. May 13, 2017.

Traditional Ecological Knowledge: Braiding Story, Skills and Sustenance with Hope for a Sustainable Future. Invited Speaker. Five College Native American and Indigenous Studies Annual Symposium. UMass Amherst. April 7, 2017.

Indigenous Confluence: How Indigenous ways of knowing and being are mobilized to care for rivers. Invited seminar. Center for Research in Race and Ethnicity in Society speaker series. Indiana University Bloomington. March 9, 2017.

Water is Life: Indigenous Lands & Environmental Justice. Panelist. With Matthew Klinge and Dr. Darren Ranco. Campus-wide panel sponsored by Student Center for Multicultural Life. Bowdoin College, ME. Nov 2016.

Nuts and Bolts of Going on the Job Market in STEM fields. Conference of Ford Fellows. Panelist. National Academies of Sciences, Engineering, and Medicine, Wash DC. Sept 2016.

Dissertation Workshop for Life & Physical Sciences, Math & Engineering. Panelist. Conference of Ford Fellows. National Academies of Sciences, Engineering, and Medicine, Wash DC. Sept 2016.

Dollars and Sense I: Money Matters in Graduate School. Panelist. Conference of Ford Fellows. National Academies of Sciences, Engineering, and Medicine, Wash DC. Sept 2016.

Roles for Anthropology in Land Claims and Indigenous Rights. Invited Roundtable Chair. Society for Applied Anthropology annual meeting. Vancouver, BC. April 2, 2016.

Indigenous Confluence: how Indigenous knowledge and frameworks are mobilized to care for rivers. Invited lecture. School of Biological Sciences, Lake Superior State University, Sault Ste Marie, MI. March 2016.

Full Restoration: how Indigenous knowledge and frameworks are mobilized to care for rivers. Campus wide invited lecture hosted by the Center for Native Peoples and the Environment. SUNY-ESF, Syracuse, NY. March 2016.

Indigenous Confluence: The Role of Indigenous Peoples in River Stewardship & Sustainable Futures. 2015 Centre for Indigenous Conservation and Development Alternatives conference. Panel discussant. Le Baluchon, QC. Oct 2015.

Dissertation Workshop for Life & Physical Sciences, Math & Engineering. Panelist. Conference of Ford Fellows. National Academies of Sciences, Engineering, and Medicine, Wash DC. Sept 2015.

The Second Shift: Negotiating Career and Personal Wellness. Panel moderator. Conference of Ford Fellows. National Academies of Sciences, Engineering, and Medicine, Wash DC. Sept 2015.

## **SERVICE**

### **DARTMOUTH COLLEGE**

Search Chair, Native American Studies tenure track faculty search committee. Fall 2019-present.

Faculty lead, 2019 ENVIS Link Environmental Awareness Lecture series

Member, Environmental Studies faculty search committee. Winter 2018.

Member, Native American Program director search committee, Dartmouth College. November 2017-present.

Faculty Advisor, Dartmouth Chapter of the American Indian Science and Engineering Society. 2014-present.

Instructor, Allen House mini seminar entitled “Moral Pathways to Sustainable Futures?”, Dartmouth College, Winter 2017.

Member, Native American Studies Program faculty search committee. Winter 2016/17.

Co-Chair, 2015 recruitment program planning committee. Dartmouth Ecology and Evolutionary Biology PhD program,

Native American Studies Faculty Participant, Dartmouth Native American Council. 2015-present.

### **OTHER ACADEMIC SERVICE**

Co-Chair. 2021 Ford Foundation Fellowship Review Panel. Ecology, Evolution, and Environment.

Chair. 2020 Ford Foundation Fellowship Review Panel. Ecology, Evolution, and Environment.

Panelist. 2019 Ford Foundation Fellowship Review Panel. Ecology, Evolution, and Environment.

Guest Editor. Special Issue of Contexts Magazine on Indigenous sociology. Summer 2020 issue.

Roundtable Organizer and Chair. Emergence, status and future of Indigenous Environmental Studies. *Native American and Indigenous Studies Association* 2019.

Planning Committee Member. *Conference of Ford Fellows* 2018

Referee. *Papers of the Algonquian Conference; Ecology and Society; American Indian Quarterly; Annals of the American Association of Geographers; Sustainability Science; Human Ecology; Nature; Ecological Economics; EcoHealth; Climatic Change; Environment, Development and Sustainability*

Panel Chair/Moderator. Various panels, annually 2010-present. *Conference of Ford Fellows*.

Roundtable Chair. Roles for Anthropology in Land Claims and Indigenous Rights. *Society for Applied Anthropology* 2016.

Panel Discussant. 2015 *Centre for Indigenous Conservation and Development Alternatives conference*.

Panel Chair. Invasive Species in Native North America. *Native American and Indigenous Studies Association* annual meeting 2013

Guest Editor. Complex interactions between Native peoples, landscapes and biota (with José Fragoso) 2013 Special Issue *Ecological Processes* 2(8)

Organizer & Convener. Complex interactions between Native peoples, landscapes and biota (with José Fragoso) Organized oral session at annual meeting of the Ecological Society of America 2012, Portland, OR

Planning Committee Member. *Conference of Ford Fellows* 2011

Committee Member. SNRE Envoys Program, School of Natural Resources and Environment, University of Michigan 2011

Planning Committee Member. Neocolonial Inscription and Performance: American Indian Identity in Higher Education conference, Michigan State University 2007-08

Planning Committee Member. Michigan State University Extension Fall Conference 2007

Review Committee Member. Michigan State University Extension Multicultural Mini-Grant Program 2005-07

Review Committee Member. Michigan State University Extension Multicultural Internship Program 2006-07

Search Committee Member. Michigan State University Extension Director Search 2004-05

Member. Michigan State University American Indian Faculty and Staff Association 2003-08 (Secretary, 2004-06; Vice President 2006-07; President 2008)

Member. Michigan State University Extension Diversity Core Team 2003-08

Member. Michigan State University Extension Diversity Facilitator Team 2004-08

State Design Team Member. Reaching Environmental Awareness and Action in Communities Together (Michigan 4-H environmental education grant) 2003-05

Planning Committee Member. School of Public Health Distinguished Lecture Series 2000

### **GOVERNMENTAL, NON-PROFIT, COMMUNITY**

Science Advisory Council Member. Environmental Law and Policy Center. 2015-2020.

New England Forest Ecosystem Vulnerability Assessment and Synthesis workshop. Invited expert panelist and report co-author. <http://www.forestadaptation.org/>. 2017.

US Forest Service Non-Timber Forest Products National Assessment, cultural ecosystem services chapter co-author. 2016.

Steering Committee Member. Great Lakes Fisheries Trust Great Lakes Stewardship Initiative. 2007 – 2010.

Review Committee Member. State of Michigan American Indian Community Service Block Grant Program. 2005.

Planning Committee Member. USDA-Tribal Conference of Michigan. 2004 – 2005.

Review Committee Member. USDA- CSREES Equity in Educational Land-Grant Status Act of 1994 Tribal Colleges Extension Services Program, Washington D.C. 2003.

Planning Committee Member. Isabella County Anishnaabe Cultural Awareness In-Service, Isabella County, Michigan. 2004.

Volunteer Researcher. U.S. Forest Service Long-term Vegetative Monitoring Program. Grand Island, Michigan. 1998 – 1999.

Coach. Youth baseball and freestyle snowboarding. Various teams 2010-present.

Planning Committee Member. Protectors of the Earth Youth Camp. 2003 – 2009.

Singer. Treetown traditional American Indian Drum group 2001 - 2007. Drumkeeper 2003 – 2007.

Planning Committee Member. Anishinabek Working Together to Protect Ash Resources Conference. 2005.

Volunteer. Walpole Island First Nation Heritage Center Vegetation Sampling Project, Walpole Island First Nation Unceded Territories. 2001 – 2002.

Volunteer. Mother's Day Plant Walk, Michigan Chapter of The Nature Conservancy, Nan Weston Nature Preserve, Washtenaw County, Michigan. 2001 – 2002.