

HEIDI ELIZABETH KRETSER

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APPOINTMENTS

Wildlife Conservation Society Conservation Social Scientist, Global Conservation	2018 – present
Cornell University Adjunct Associate Professor, Department of Natural Resources	2015 – present
Wildlife Conservation Society Deputy Director, Conservation & Communities, North America Program 2015 - 2018	
Wildlife Conservation Society Livelihoods & Conservation Coordinator, North America Program	2008 - 2015
Cornell University Adjunct Assistant Professor, Department of Natural Resources	2009 - 2015
Wildlife Conservation Society Affiliate Scientist, Adirondack Program	2003 – 2008
Wildlife Conservation Society Program Coordinator, Adirondack Communities and Conservation Program	1999 – 2003

EDUCATION

Cornell University Ph.D. in Natural Resource Management	2008
Yale University M.S. in Forestry and Environmental Studies	1999
Cornell University B.S. in Resource and Environmental Economics	1995

TRAINING

Sustainable Stand-Up	2019
Essential Facilitation Interactive Institute for Social Change, 3-day facilitation course	2014
Coaching for Leaders Coaching out of the Box, 2-day leadership course	2013

PUBLICATIONS

Articles and Book Chapters:

- Glennon, M.J.; Kretser, H.E. 2021. Exurbia east and west: responses of bird communities to low density residential development in two North American regions. *Diversity* 13:42. <https://doi.org/10.3390/d13020042>
- Siemer, W., T.B.Lauber, H.E. Kretser, K.L. Schuler, M. Verant, C.J. Herzog, and K.A. McComas. 2021. Predictors of intentions to conserve bats among New York property owners. *Human Dimensions of Wildlife* 26(3): 275-292. <https://doi.org/10.1080/10871209.2020.1817628>

- Dietsch, A. M., Wallen, K. E., Clayton, S., Kretser, H. E., Kyle, G. T., Ma, Z., and Vercammen, A. 2020. New directions in conservation psychology at a critical time. *Conservation Biology*. 34(6):1335-1338. <https://doi.org/10.1111/cobi.13629>
- Lu, H. H.E. Kretser, T. B. Lauber, and K.A. McComas. 2020. Scared yet compassionate? Exploring the order effects of threat versus suffering messages on attitude toward scary victims. *Science Communication*. 42(1):3-30.
- Glennon M., E. Holmlund, D. Kelting, H. Kretser, and Z. Smith. 2019. Science to inform policy in the Adirondacks: Case studies from the great experiment. *Adirondack Journal of Environmental Studies* 23:59-79.
- Kretser, H.E., E. Dale, L. Karasin, S.E. Reed, and L.J. Goldstein. 2019. Factors influencing adoption and implementation of conservation development ordinances in rural United States. *Society and Natural Resources*, 9:1021-1039. DOI: 10.1080/08941920.2019.1605435
- Kretser, H.K., Beckmann, J.P., and Berger, J. 2018. A retrospective assessment of a failed collaborative process in conservation. *Environmental Management*. 62(3):415-428. <https://doi.org/10.1007/s00267-018-1045-2>
- Lonsdale, W., H.E. Kretser, M.C. Cross, and C. Chetkiewicz. 2017. Similarities and differences in barriers and opportunities affecting climate change adaptation action in four North American landscapes. *Environmental Management* 60(6):1076-1089.
- Bontrager, A., H.E. Kretser, N.A. Connelly, and K. Leong. 2017. Conservation opportunity and risk mapping for carnivores using landowner survey data from the Greater Yellowstone Ecosystem, USA. *The Professional Geographer*, 69(2):225-238.
- Kretser, H.E., Stokes, E. Wich, S., Foran, D. and Montefiore, A. 2017. Innovations in technology to support wildlife crime detection, deterrence, and enforcement. In Gore, M. *Conservation Criminology*. John Wiley & Sons, Inc. p157-178.
- Kretser, H.E., Schiavone, M., Hare, D., and C.M. Smith. *In press*. Applying Wildlife Governance Principles: Opportunities and Limitations, *Transactions of the North American Wildlife and Natural Resources Conference*.
- Kretser, H.E., Glennon, M.J., Whitelaw, A., Hurt, A., Pilgrim, K. and Schwartz, M.J. 2016 Scat detection dogs survey moose at low densities in New York State. *Alces* 52: 55-66.
- Glennon, M.J. and H.E. Kretser, 2015. State of the birds in exurbia. *Adirondack Journal of Environmental Studies* 20:49-66.
- McGovern, E. and H.E. Kretser. 2015 Predicting support for recolonization of Mountain Lions (*Puma concolor conguar*) in the Adirondack Park. *Wildlife Society Bulletin* 39(3):503-511.
- Kretser, H.E., R. Wong, S. Robertson, C. Pershyn, J. Huang, F. Sun, A. Kang, and P. Zahler. 2015. Mobile decision-tree tool technology as a means to detect wildlife crimes. *Biological Conservation* 189:33-38.
- Glennon, M.J., H.E. Kretser, and J.A. Hilty. 2015 Identifying common patterns in diverse systems: effects of exurban development on birds of the Adirondack Park and the Greater Yellowstone Ecosystem, USA. *Environmental Management* 55(2):453-66.
- Kretser, H.E., M.J. Glennon, Z.P. Smith, 2014. NGO capacity to enhance State Wildlife Agencies' Public Trust doctrine obligation through a landscape species approach and on-the-ground engagement. *Human Dimensions of Wildlife*, 19(5):437-447.
- Glennon, M.J., H.E. Kretser, 2013. Size of the ecological effect zone associated with exurban development in the Adirondack Park, NY. *Landscape and Urban Planning* 112:10-17
- Kretser, H.E. An unconventional battle on U.S. bases: training the military to curb wildlife trafficking. *The Wildlife Professional*. Summer 2012 p52-54.
- Painter, M. and H.E. Kretser, 2012. Contextual awareness in long-term partnerships. *Human Dimensions of Wildlife Management* 17(5):357-366.

Reed, S. E., H. E. Kretser, M. J. Glennon, L. Pejchar and A. M. Merenlender. 2012. Faunal biodiversity at the urban-rural interface: current knowledge, research priorities, and planning strategies. Pages 99-114 in B.G. Lockaby, W. Zipperer and D. N. Laband, editors. *Urban-Rural Interfaces: Linking People and Nature*. American Society of Agronomy, Soil Science Society of America, Crop Science Society of America, Madison, WI, USA.

Kretser, H.E., M.F. Johnson, Hickey, L. M., Zahler, P., and Bennett, E. L. 2012. Demand for wildlife trade products available to U.S. military personnel serving abroad. *Biodiversity and Conservation* 21(4): 967-980 DOI 10.1007/s10531-012-0232-3.

Hickey, L., H. Kretser, E. Bennett and M. Johnson. 2009. Swords into Ploughshares: reducing military demand for wildlife products in *Conservation Biology For All*, Navjot Sodhi & Paul Ehrlich, Editors. Oxford University Press (Box in Chapter 15, Rao, M. and J. Ginsberg From conservation theory to practice: crossing the divide).

Kretser, H.E., Curtis, P.C., Knuth, B.A. 2009. Landscape, social, and spatial influences on perceptions of human-black bear interactions in the Adirondack Park, NY. *Human Dimensions of Wildlife Management*. 14(6):393-406.

Kretser, H.E., Curtis, P.C., Francis, J.D., Pendall, R.J., Knuth, B.A. 2009. Factors affecting perceptions of human-wildlife interactions in residential areas of Northern New York and implications for conservation. *Human Dimensions of Wildlife Management*. 14(2):102-118.

Kretser, H.E., J. Hilty, M. Glennon, J. Burrell, Z. Smith, and B.A. Knuth, 2009. Challenges of governance and land management on the exurban/wilderness frontier in the USA. In Andersson K., Eklund, M. Lehtola, and Salmi (eds) "Beyond the urban-rural divide." Emerald Group Publishing Limited, United Kingdom, 277-304.

Kretser, H.E., P.J. Sullivan, and B.A. Knuth. 2008. Housing density as an indicator of spatial patterns of reported human-wildlife interactions in Northern New York. *Landscape and Urban Planning*. 84:282-292. doi:10.1016/j.landurbplan.2007.08.007

Kretser, H. 2005. Housing Trends in Franklin and Brighton Townships (Franklin County, NY), 1990-2000. *Adirondack Journal of Environmental Studies* 12(2):25-36.

Kretser, H. 2000. Empty Spaces Offer a World of Opportunity. *Adirondack Journal of Environmental Studies*. 8(1) p7-9.

Vogt, K.A., J.Heintz, C.Potts, A. Brownlee, H. Kretser, and L.Camara. Importance and participation of non-industrial private forest. In Vogt, K.A., B.C. Larson, J.C. Gordon, D.J. Vogt, A. Fanzeres. 2000. *Forest certification: roots, issues, challenges, and benefits*. CRC Press.

Vogt, K.A., J.K.Berry, C.Potts, A. Brownlee, J. Heintz, and H. Kretser. Constraints to private landowners: balancing public and private rights and interests. In Vogt, K.A., B.C. Larson, J.C. Gordon, D.J. Vogt, A. Fanzeres. 2000. *Forest certification: roots, issues, challenges, and benefits*. CRC Press.

Submitted or in preparation:

A.S. Mukhacheva, E. V. Bragina, H.E. Kretser, V.V. Derugina, D.G. Miquelle. In Revision Local attitudes toward Amur tiger (*Panthera tigris altaica*) conservation in the Russian Far East. *Conservation and Society*

Wilkie, D.W., H.E. Kretser, M. Painter, F. O'Brien, A. Homes, K. Mastro, M. Wieland, G. Sriskanthan, S. Mangubhai, S. Jupiter, L. Painter, C. Chetkiewicz. Submitted. Social safeguards in conservation: one-size does not fit all situations? *Conservation Science and Practice*

H.E. Kretser, M. Nunez-Salas, J. Polisar, L. Maffei. Submitted. A range-wide analysis of legal instruments applicable to jaguar conservation. *International Journal of Wildlife Law and Policy*

Polisar, J., C. Davies, T. Morcatty, M. Da Silva, S. Zhang, K. Duchez, J. Madrid; A. E. Lambert; A. Gallegos, M. Delgado, H. Nguyen, R. Wallace, M. Arias, V. Nijman, J. Ramnarace, R. Pennell, Y. Novelo, D.

- Rumiz, K. Rivero, Y. Murillo, M. Nunez Salas, H.E. Kretser, A. Reuter. *Submitted*. Multi-lingual multi-platform investigations of online trade in jaguar parts. PLOS One
- Connelly, N.A., H.E. Kretser, T. B. Lauber, R.C. Stedman. *In Prep*. Managing wildlife when the public benefit is a private nuisance.
- H.E. Kretser, Dixon, G., T. B. Lauber, and K.A. McComas, *In prep*. Content analysis of state wildlife and public health agency press releases on bats, 2006-2012.
- Kretser, H.E., M.J. Glennon, S.E. Reed, T.B Lauber, and S. Broussard. *In prep*. Measuring the land ethic of exurban residents and its influence on private land activities and wildlife.
- Other publications:*
- Kretser, H. (*In Press*). Supporting U.S. military strategies to counter transnational organized crime in wildlife trafficking. Natural Selections Newsletter. Department of Defense.
- Siemer, W. F., T. B. Lauber, H. E. Kretser, and K. L. Schuler. 2021. Risk communication associated with bat-related service calls: exploratory interviews. Center for Conservation Social Sciences Publ. Series 21-5. Dept. of Nat. Resources. & the Environ., Coll. Agric. and Life Sci., Cornell Univ., Ithaca, NY. 33 pp.
- Guadagno, L., B. M. Vecchiarelli, H. Kretser, D. Wilkie. 2021. Reflection and learning from failure in conservation organizations: A report for The Failure Factors Initiative. Wildlife Conservation Society, Bronx, NY USA 35pp. <https://doi.org/10.19121/2021.Report.40769>
- Connelly, N.A., T.B. Lauber, R.C. Stedman, and H.E. Kretser. 2020. Landowner opinions about moose in northern New York State. Center for Conservation Social Sciences Publ. Series 20-4. Dept. of Nat. Resources., Coll. Agric. and Life Sci., Cornell Univ., Ithaca, NY. 55 pp.
- Connelly, N.A., T.B. Lauber, R.C. Stedman, and H. Kretser. 2020. Attitudes towards Moose among Large Private Forestland Owners and Managers in Northern New York. Center for Conservation Social Sciences Publ. Series 20-1. Dept. of Nat. Resources., Coll. Agric. and Life Sci., Cornell Univ., Ithaca, NY. 25 pp.
- Kretser, H.E., A. D'Antonio, J. Burger, B. Largay, A. Merenlender, T. Nelson and S.E. Reed. 2019. Management recommendations for balancing public access and species conservation on protected lands. Wildlife Conservation Society, Bronx, NY. <https://doi.org/10.19121/2019.Report.43125>
- Connelly, N.A., T.B. Lauber, R.C. Stedman, and H. Kretser. 2019. Public awareness of and attitudes toward moose in New York State. Center for Conservation Social Sciences Publ. Series 19-5. Dept. of Nat. Resources., Coll. Agric. and Life Sci., Cornell Univ., Ithaca, NY. 17 pp.
- Cross, M., L. Oakes, H. Kretser. 2018. Summary Report: Climate Change and Moose Management in NY State. Wildlife Conservation Society, U.S. Geological Survey Northeast Climate Science Center.
- Kretser, H.E. 2017. Using multiple agency perspectives to improve communication strategies for bat recovery from WNS. Final Report to the Wildlife Management Institute. Wildlife Conservation Society: Americas Program.
- Kretser, H.E., and S.E. Reed. 2017. Incorporating wildlife science into land-use planning to improve private lands conservation. Wildlife Conservation Society, Adirondack Program Technical Paper #5. <https://doi.org/10.19121/2020.Report.40939>
- Glennon, M.J. and H.E. Kretser. 2016. Land Use Planning Tools for Municipalities in New York State. Northeast Conservation Planning Atlas. <https://nalcc.databasin.org/galleries/16f2dbb5c7a948429f93a7fe69c7f299#expand=124666>
- Reed, S.E., A.J.K. Calhoun, C. Farr, D. Fischer, M. Glennon, M. Hostetler, H. Kretser, S. Lerman, C. Nilon and L. Pejchar. 2016. Conservation design and stewardship guidelines for local land-use regulations. Final report to the USDA Forest Service Open Space Conservation Program. Wildlife Conservation Society, North America Program, Bozeman, MT.

- Daguet, C., Karasin, L.N., M.J. Glennon, and H.E. Kretser. 2015. Cohabiter avec la Nature! Guide pour les urbanistes, aménagistes et communautés locales des Appalaches du Sud du Québec. Appalachian Corridor and Wildlife Conservation Society. <https://doi.org/10.19121/2020.Report.40942>
- Kretser, H.E. The Newest Weapons Against Poachers are Our Phones (Op-Ed), www.thedodo.com posted September 29, 2015.
- Karasin, L.N., M.J. Glennon, and H.E. Kretser. 2013. Make Room for Wildlife: A Resource for Landowners in the Northern Forest. WCS Publication, <https://doi.org/10.19121/2020.Report.14061>
- McGovern, E. and H.E. Kretser. 2014. *Puma concolor cougar* in the Adirondack Park: Resident and Visitor Perspectives. Wildlife Conservation Society's Adirondack Program Technical Paper No. 5.
- Wilkie, D., M. Painter, and H. Kretser. Conservation Is About Caring for Nature and People (Op-Ed), www.livescience.com posted November 3, 2013.
- Kretser H. E. and Reed S. E. 2012. Review of Conservation Development Ordinances in the Northeast. *In* Smith et al., eds. 2012. Protecting Wildlife Connectivity Through Land Use Planning: Best Management Practices and the Role of Conservation Development. Wildlife Conservation Society, Adirondack Program Technical Paper #4. <https://doi.org/10.19121/2020.Report.13729>
- Karasin, L. N., H. E. Kretser, and S. E. Reed. 2012. Conservation Development Ordinances in the Northeast: Examples and Lessons Learned. *In* Smith et al., eds. 2012. Protecting Wildlife Connectivity Through Land Use Planning: Best Management Practices and the Role of Conservation Development. Wildlife Conservation Society, Adirondack Program Technical Paper #4. <https://doi.org/10.19121/2020.Report.13729>
- Smith, Z. P., M. Glennon, L. Karasin, S. Reed and H. Kretser, eds. 2012. Protecting Wildlife Connectivity Through Land Use Planning: Best Management Practices and the Role of Conservation Development. Wildlife Conservation Society, Adirondack Program Technical Paper #4; <https://doi.org/10.19121/2020.Report.13729>
- Karasin, L.N., M.J. Glennon, and H.E. Kretser. 2010. Make Room for Wildlife: A Resource for Local Planners and Communities in the Tug Hill Region. WCS Publication, <https://doi.org/10.19121/2020.Report.14058>
- Karasin, L.N., M.J. Glennon, and H.E. Kretser. 2009. Make Room for Wildlife: A Resource for Local Planners and Communities in the Adirondacks. WCS Publication, <https://doi.org/10.19121/2020.Report.54950>
- Kretser, H.E. 2008. The exurban frontier: anticipating human-wildlife interactions where we live, work, and play. Ph.D. Dissertation. Cornell University, Ithaca, New York, USA.
- Kretser, H. 2007. How landscape and socio-economic transitions impact human livelihoods within a mosaic of wilderness and communities. *In* Redford, K.H. and Fearn E., eds. Protected Areas and Human Livelihoods. WCS Working Paper No. 32 New York: Wildlife Conservation Society.
- Castillo, O., Clark, C., Coppolillo, P., Kretser, H., McNab, R., Noss, A., Quieroz, H., Tessema, Y., Vedder, A., Wallace, R., Walston, J., Wilkie, D. 2006. Casting for Conservation Actors: People, Partnerships and Wildlife, WCS Working Paper No. 28. New York: Wildlife Conservation Society.
- D.J. Decker, H. E. Kretser, M. L. Gore, K. M. Leong, and W. F. Siemer, "Wildlife Management on the Urban-Rural Interface: Cooperation and Conflict Between Science and Society," in D.N. Laband (ed.) Emerging Issues Along Urban-Rural Interfaces" Linking Science and Society, Center for Forest Sustainability, Auburn University, 2005, 149-153.
- Glennon, M.J., and H.E. Kretser. 2005. Impacts to wildlife from low density, exurban development: Information and considerations for the Adirondack Park. WCS' Adirondack Communities and Conservation Program Technical Paper No. 3. <https://doi.org/10.19121/2020.Report.54870>

Kretser, H. 2001. *Adirondack Communities and Conservation Program: Linking Communities and Conservation Inside the Blue Line*. Working Paper No. 16. Wildlife Conservation Society. 64pp.

PRESENTATIONS

Organized Symposia/Workshops

- North America Conference on Conservation Biology, Denver, Colorado (moved online) July 2020
Never Waste a Good Failure: What You Can Do To Fail Intelligently And Why It Matters (co-facilitator)
- Adirondack Research Consortium October 2019
Adirondack Social Science Research Workshop (organizer/facilitator)
- Adirondack Research Consortium May 2019
The Past, Present, and Future of Adirondack Social Science Research (organizer/facilitator)
- Sonoma Land Trust February 2019
Workshop on Stewardship of Outdoor Recreation for Wildlife Conservation (organizer/facilitator)
- Land Trust Alliance Rally, Pittsburgh, PA October 2018
Stewardship of Public Access to Protect Wildlife and Biodiversity (organizer/facilitator)
- North America Conference on Conservation Biology, Toronto, Canada July 2018
Applying spatial methods to integrate social and ecological data to inform conservation practice
Pioneers and Next Gen'ers integrating conservation social science: sharing challenges and solutions
- Wildlife Conservation Society and Sonoma Land Trust May 2018
Recreation and Wildlife Workshop, Sonoma County, CA (organizer/facilitator)
- North America Conference on Conservation Biology, Madison, WI July 2016
Think Locally, Act Locally: Needs, Opportunities, and Challenges for Conservation Scientists to Engage in Local Policy
- Wildlife Conservation Society and the North Atlantic Landscape Conservation Cooperative December 2015
Workshop on Land-Use Planning Tools for Conservation (organizer/facilitator)
- Wildlife Conservation Society and School of Global Environmental Sustainability May 2014
Workshop on Conservation Design & Stewardship Guidelines (organizer/facilitator)
- Pathways to Success Conference Integrating Human Dimensions into Fisheries and Wildlife Management, Breckenridge, CO September 2012
Guidelines for engagement with local landowners and land-use agencies to integrate wildlife friendly practices into private lands management (organizer/facilitator)
- Emerging Issues along Urban/Rural Interfaces, Atlanta, GA March 2009
Incorporating human dimensions into planning for wildlife at the rural-wildland fringe (organizer/facilitator)

Invited Presentations

- Hudson River Estuary Program Webinar Series (online) – co-presenter 2021
Protecting wildlife habitat through land use planning
- Adirondack Experience APA@50 Symposium (online) – panel discussion 2021
Trail Blazin': Reconstructing Wilderness in the Public Mind" <https://vimeo.com/571642645>
- SUNY Cobleskill Society of Conservation Biology Chapter (online) 2021
One path of many to a conservation social science career in the NGO world
- Adirondack Research Consortium (online) – panel 2021
Adirondack Hikers 2020: What We Learned, And What We Need To Know For Management.
<https://youtu.be/qn43Bz0-ueY>
- Adirondack Land Trust (online) 2020

<i>Adirondack Forests</i> - served as moderator for a 2-person panel	
White-Nose Syndrome National Conference (online) <i>Predictors of bat conservation intentions: Insights from an exploratory survey of residents in NYS</i>	2019
Science Teachers Association of New York State, Rochester, NY <i>Cats, Bats, Birds and Words: Integrating Science to Manage Wildlife in New York State's Backyard</i>	2018
Nature Across Boundaries: Keeping Lands and Waters Connected, Mohonk Mountain House, NY <i>Make room for wildlife</i>	2017
Science on Tap Lecture Series Hosted by The Wild Center, Lake Placid, NY <i>Let's keep it batty around here</i>	2017
University of Georgia, Center for Integrative Conservation Research Eminent Practitioner Lecture <i>Taking scientific inquiry from research to action for private lands conservation</i>	2017
Texas A & M, University, Applied Biodiversity Sciences Seminar Series <i>Taking scientific inquiry from research to action for private lands conservation</i>	2017
White-Nose Syndrome National Conference, Nashville, TN <i>Using multiple agency perspectives to improve communication strategies for a risk-laden species facing a conservation crisis</i>	2017
North American Wildlife and Natural Resources Conference, Pittsburgh, PA <i>Applying Wildlife Governance Principles: Opportunities and Limitations</i>	2016
Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO <i>What are the limitations of public trust thinking for fish and wildlife conservation?</i>	2014
White-Nose Syndrome National Conference, St. Louis, MO <i>Inconsistent messages in state agency and media communication about bats</i>	2014
Saranac Lake Free Library Brown Bag Lunch	2011
Women's College Scholarship Club <i>Conservation During Global Conflict: Protecting Biodiversity in Iraq and Afghanistan by Reducing Demand for Wildlife Trade by the Military</i>	2011
West Point Military Academy, NY <i>WCS-U.S. Military partnership: Reducing demand for wildlife trade products by military personnel serving in Iraq and Afghanistan.</i>	2010, 2011, 2012, 2013
Pathways to Success: Increasing Human Capacity for Global Human-Wildlife Coexistence <i>Importance of Opening the Tent to Keep North America Model of Wildlife Conservation Relevant and Vibrant</i>	2010
Adirondack Mountain Club, St. Lawrence Chapter, Canton, NY	2011
The Nature Conservancy's Lecture Series, White Hall, NY	2011
Great Adirondack Moose Festival	2010
The Wild Center	2010
Adirondack Park Visitor Interpretive Center <i>On the Scent of Moose in the Adirondacks</i>	2009
Wilburforce High Divide Meeting <i>A landowner survey on attitudes toward wildlife and land-use planning in the Central Linkage Ecosystem</i>	2010
Adirondack Mountain Club <i>WCS-U.S. Military partnership: Reducing demand for wildlife trade products by military personnel serving in Iraq and Afghanistan.</i>	2009
Fort Drum Pre-Deployment Cultural Training <i>Wildlife of Iraq and Afghanistan: How to avoid losing your money, your freedom, or your life over wildlife.</i>	2008

NYS Environmental Management Conference <i>Putting Wildlife in the Planning Picture</i>	2008
SUNY Cortland Teacher Camp, SUNY Cortland Teacher Camp <i>The Adirondack Park: A mosaic of communities and wilderness</i>	2007
Panel Discussion for Society of Environmental Journalists <i>The Human Component of the Adirondack Park</i>	2006
Adirondack Mountain Club	2001, 2002
Tupper Lake Lion's Club	2002
Women's College Scholarship Club <i>Journey to the Arctic</i>	2002
Adirondack Research Library Lecture Series <i>Moving Towards Conservation through Information</i>	2000
Local Government Day at Potsdam College	2000
Local Government Day in the Adirondacks	2000
Association for the Protection of the Adirondacks Annual Meeting <i>Adirondack Community Information Centers</i>	2000
Adirondack Research Consortium Panel Discussion <i>Using Biological and Economic Indicators in the Adirondack Park</i>	2000
<u>Conference Sessions</u>	
International Congress for Conservation Biology (online) <i>The Conservation Social Science Partnership: Technology and training to improve the use of social sciences for better conservation outcomes (speaker)</i>	December 2021
U.S. Geological Survey and Cornell University Adirondack Research <i>Viral Visitors: What we know about hikers in the Adirondacks during the pandemic (speaker)</i>	January 2021
White-Nose Syndrome National Conference (online) <i>Attitudes, beliefs and behaviors of organized cavers (co-author)</i>	June 2020
International Conference on Human-Wildlife Conflict and Coexistence <i>Large Carnivore-Human Conflict in Wakhan National Park, Afghanistan (scheduled – co-author)</i>	April 2020 (postponed)
Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO <i>Predictors of bat conservation intentions: Insights from an exploratory survey of residents in NYS (co-author)</i>	September 2019
Annual Conference of the International Communication Association <i>Attitude toward scary victims: Exploring the order effects of emotion-inducing messages (co-author)</i>	June 2019
Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO <i>Improving communication strategies for bats facing white-nose syndrome (speaker)</i>	July 2017
International Congress on Conservation Biology, Cartagena, Colombia <i>Improving communication strategies to conserve a risk-laden species facing a conservation crisis (speaker)</i>	July 2017
North America Conference on Conservation Biology, Madison, WI <i>Social context enabling adoption of conservation development ordinances (speaker)</i>	July 2016
International Congress on Conservation Biology, Montpelier, France <i>Measuring the land ethic of exurban residents and its influence on private land activities and wildlife (poster)</i>	July 2015
Northeast Association of Fish and Wildlife Agencies, Newport, RI <i>Inconsistent messages about bats and resulting implications for bat conservation (speaker)</i>	April 2015

- Northeast Association of Fish and Wildlife Agencies, Newport, RI April 2015
Scat Detection Dogs Survey Moose at Low Densities in New York (speaker)
- Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO September 2014
Inconsistent messages in state wildlife and public health agency communication about bats: potential impacts for conservation and recovery (speaker)
- Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO September 2014
Understanding Exurban Landowner Decision-making in the Adirondacks and the Greater Yellowstone Ecosystem (speaker)
- Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management, Estes Park, CO September 2014
Measuring and Predicting Support for Mountain Lion (Puma concolor cougar) Recovery in the Adirondack Park, (co-author)
- International Association on Society and Natural Resources Management, Estes Park, CO June 2013
Understanding Exurban Landowner Decision-making in the Adirondacks and the Greater Yellowstone Ecosystem (co-author)
- International Congress for Conservation Biology, Baltimore, MD July 2013
Conservation during global conflict: opportunities to curtail wildlife trade through work with the U.S. military (speaker)
- The Yellowstone Science Conference November 2012
Quantifying occurrences of wildlife interactions and public perceptions toward wildlife conservation within three private landscapes of the Greater Yellowstone region (co-author)
- Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management September 2012
Community values mapping as a tool to engage municipalities on planning for wildlife (speaker)
- Society for Conservation Biology, North America Chapter, Oakland, CA July 2012
Adoption and implementation of conservation design standards in local land use regulations (speaker)
- Society for Conservation Biology, Montana Chapter, November 2011
Identifying common patterns in diverse systems: effects of exurban development on birds of the Adirondack Park and the Greater Yellowstone Ecosystem, USA (speaker)
- Pathways to Success: Increasing Human Capacity for Global Human-Wildlife Coexistence, Estes Park, CO September 2010
Conservation During Global Conflict: Using human dimensions approaches to curtail U.S. military personnel demand for wildlife products in Iraq and Afghanistan (speaker)
- Pathways to Success: Increasing Human Capacity for Global Human-Wildlife Coexistence, Estes Park, CO September 2010
A spatial assessment of land owner preferences toward wildlife management in exurban landscapes of the Yellowstone Rockies. (co-author)
- The Yellowstone Science Conference September 2010
A landowner survey on attitudes toward wildlife and land-use planning in the Central Linkage Ecosystem (co-author)

Adirondack Research Consortium, Lake Placid, NY <i>Meandering Moose Landscape Connectivity and the Adirondacks' Largest Inhabitant (speaker)</i>	May 2010
Emerging Issues along Urban/Rural Interfaces, Atlanta, GA <i>A participatory mapping exercise in land owner preferences toward exurban development among three diverse communities of southwestern Montana and Northeastern Idaho (poster)</i>	April 2009
Emerging Issues along Urban/Rural Interfaces, Atlanta, GA <i>Landowner Sentiments toward Wildlife and Land-Use Planning (speaker)</i>	April 2009
International Association on Society and Natural Resources Management, Burlington, VT <i>Individual and societal implications associated with human-wildlife interactions in urban and exurban areas of northern New York (speaker)</i>	June 2008
Adirondack Research Consortium, Lake Placid, NY <i>Landscape characteristics and social survey data as predictors of human-black bear interactions in the Adirondack Park, USA (speaker)</i>	May 2008
Human Dimensions of Wildlife, Estes Park, CO <i>Landscape characteristics and social survey data as predictors of human-black bear interactions in the Adirondack Park, USA (speaker)</i>	September 2008
Emerging Issues along Urban/Rural Interfaces, Atlanta, GA <i>Perceptions of Human-Wildlife Interactions: Does a Social Exurbia Exist? (speaker)</i>	April 2007
Adirondack Research Consortium, Lake Placid, NY <i>Perceptions of Human-Wildlife Interactions: Does a Social Exurbia Exist? (speaker)</i>	May 2007
Adirondack Research Consortium, Lake Placid, NY <i>Using spatial statistics to assess distribution of reported human-wildlife interactions in Northern New York, 2001-2003 (speaker)</i>	May 2006
Emerging Issues along Urban/Rural Interfaces, Atlanta, GA <i>Wildlife-Management on Rural-Urban Interfaces: Cooperation and Conflict Between Science and Society (speaker)</i>	March 2005
Adirondack Research Consortium, <i>Selecting Landscape Species for Conservation Planning in the Adirondack Park (speaker)</i>	May 2003
59 th Northeast Fish & Wildlife Conference, Newport, Rhode Island <i>Selecting Landscape Species for Conservation Planning in the Adirondack Park (speaker)</i>	April 2003
Adirondack Research Consortium, Saranac Lake, NY <i>Bridging Healthy Communities to Healthy Environments -A case study of community development in Tupper Lake, NY (speaker)</i>	May 1999
Adirondack Research Consortium, Saranac Lake, NY <i>Land Use Change in Franklin County, NY (speaker)</i>	May 1998

Teaching & Advising

WCS Rwanda Green Climate Fund Proposal Development Stakeholder Analysis/Focus Group Implementation, four 2-hour online training sessions	2021
Sikhote-Alin Research Center, Terney, Russia Training for Human Dimensions of Wildlife Conservation, 4-week course online	2020
West Indian Ocean Blue Action Fund Project, Kenya, Madagascar, Tanzania Social Safeguards Training, 5-week course online	2020
Sikhote-Alin Research Center, Terney, Russia Training for Human Dimensions of Wildlife Conservation, 5-day course	2018
Cornell University	

Seminar Co-Instructor, Adirondack Acidification and Recovery: Dynamics of a Regional Socio-Environmental System	2020
Graduate Committee Member, Alec Wong (MS)	2015-2018
Graduate Committee Member, John Vogel (MS)	2013-2015
Graduate Committee Member, Heather Hudenko (PhD)	2010-2014
Graduate Committee Member, Jenny Marotto (MS)	2012-2013
Guest Lecturer, <i>Dept of Natural Resources Seminar Series</i>	2010, 2015, 2017, 2019
Teaching Assistant, <i>Natural Resources Policy & Management</i>	2003
University of Idaho	
Graduate Committee Member, Natalie Redmond (MS)	2020-present
University of Massachusetts, Amherst	
Graduate Committee Member, Zalmi Moheb (PhD)	2017-2020
University of Maine	
Honor's Thesis Committee Member, Kiley Davan (B.S.)	2018-2019
Paul Smith's College	
Guest Lecturer, <i>Wildlife Science</i>	2002, 2011
SUNY Cortland	
Guest Lecture, <i>Biology</i>	2018, 2019
Yale University	
Guest Lecturer, <i>Adirondack Field Program & Conservation in Practice</i>	2011, 2013, 2014, 2016, 2019
Teaching Assistant, <i>Environmental Studies & Natural Resource Economics</i>	1998
SUNY New Paltz	
Guest Lecture, <i>Department of Biology Seminar Series</i>	2014
West Point Military Academy	
Guest Lecture, <i>Environmental Science and Engineering</i> ,	2010-2013
North Country Community College	
Guest Lecture, <i>Environmental Sciences</i>	2013, 2015
Juniata College	
Guest Lecture, <i>Adirondack Practicum</i>	2015
Texas A & M University	
Guest Lecture, <i>Applied Biodiversity Sciences Seminar Series</i>	2017
University of Georgia	
Guest Lecture, <i>Center for Integrative Conservation Research</i>	2017
Virginia Tech	
Guest Lecture, <i>Department of Fish and Wildlife Conservation</i>	2018

AWARDS

Howard Zahniser Adirondack Award, Protect the Adirondacks	July 2019
WCS Adirondack Program	
Merit Award for Critical Message – International Wildlife Film Festival	May 2012
Caught in the Crosshairs	
Most Informative Poster, Department of Defense Sustaining Military Readiness Conference	August 2009
Leave Wildlife in the Wild: Reducing demand for wildlife products by military personnel serving overseas	
Conservationist of the Year, Adirondack Council	July 2007
WCS Adirondack Program	
Earth Day 2001 Certificate of Achievement, Adirondack Park Agency	April 2001

POPULAR MEDIA COVERAGE: NEWS, BLOGS, & PODCASTS

- Never Waste a Good Failure – Opportunities for Learning (Part 2).* Allison Catalano, Jon Fisher and Heidi Kretser
Medium.com <https://medium.com/wcs-conservation-solutions/never-waste-a-good-failure-opportunities-for-learning-part-ii-e9ad87bf6ac0> March 17, 2021
- Never Waste a Good Failure – Barriers to Learning (Part 1).* Allison Catalano, Jon Fisher and Heidi Kretser
Medium.com <https://medium.com/wcs-conservation-solutions/never-waste-a-good-failure-barriers-to-learning-part-1-ad464a20fe86> March 17, 2021
- Conservation research in the Adirondack Park – A Convo with Drs. Heidi Kretser & Michale Glennon*
East to West Hunting Podcast with Todd Waldron
<https://podcasts.apple.com/gb/podcast/conservation-research-in-adirondack-park-convo-drs/id1364242900?i=1000502178925> December 12, 2020
- Birds of a Feather Miss Potential Bad Weather* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society
 September 10, 2020
- Study tracks hiker impacts on birds and wildlife in the Adirondacks.* Gwendolyn Craig, **Adirondack Explorer.**
<https://www.adirondackexplorer.org/stories/study-tracks-hiker-impacts-on-wildlife>
 September 9, 2020
- Adirondack Mountain Reserve provides a case study for state hiker restrictions. Gwendolyn Craig. Adirondack Explorer. <https://www.adirondackexplorer.org/stories/case-study-for-possible-restrictions>
 September 2, 2020
- White-nose Syndrome Digital Game,* Meghan Gilbert. **Outdoor News Bulletin,** Volume 74(2)
<https://wildlifemanagement.institute/outdoor-news-bulletin/february-2020/white-nose-syndrome-digital-game> February 2020
- Bringing Bats into the Light.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society October 28, 2019
- Study: ‘Failed collaboration’ preceded pronghorn displacement: Pinedale Anticline collaboration fell apart, and antelope have been abandoning gas field.* Mike Koshmri, **Jackson Hole News & Guide** September 18, 2019
- Bats on the Brink – But Not in the Bronx.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society
 October 24, 2017
- A Curious Trip to the Cellar.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society August 3, 2017
- Bats at Risk.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society December 1, 2015
- Phantom of the forest: could the cougar again haunt eastern U.S. woodlands?* Cheryl Lyn Dybas,
voices.nationalgeographic.com November 4, 2015
- Uprooting the illegal wildlife trade.* Shaun Kittle, **Adirondack Daily Enterprise** March 7, 2015
- Wildlife Alert.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society January 30, 2015
- WCS examines effects of development.* Shaun Kittle, **Lake Placid News** January 30, 2015
- A conversation about bats.* Shaun Kittle, **Adirondack Daily Enterprise** December 13, 2014
- Fight wildlife smuggling or keep earth clean with a smart phone app.* Miguel Llanos, **nbcnnews.com** November 29, 2014
- Wildlife Crime? There's an App for That: A new tool may help officials crack down on the illegal wildlife trade.* David Biello, **scientificamerican.com** November 18, 2014
- Stopping Wildlife Crime? There's an App for that.* **newswise.com** November 10, 2014
- Adk land study: How much is too much?* **WGRZ News in Buffalo, New York** October 11, 2014
- Protecting the Future.* **Wild View Blog: Eye on Wildlife** Wildlife Conservation Society May 14, 2014
- Return of the Adirondack Moose.* **WGRZ News in Buffalo, New York** November 3, 2013
- Soldiers put on Wildlife Watch.* Mike Lynch, **Adirondack Daily Enterprise** May 12, 2012
- Scat offers clues to moose movement in NY.* Associated Press, **The Wall Street Journal** April 23, 2012
- Scat-sniffing dogs giving researchers clues to state's moose population,* David Figura, **The Post-Standard** April 23, 2012
- Moose genealogy.* Mike Lynch, **Adirondack Daily Enterprise** April 21, 2012
- New Rule Cracks Down On Bear Poaching In New York.* Brian Mann, **National Public Radio Morning Edition** April 12, 2012
- Fur, Feathers, Ivory and Bone: The U.S. Military and Endangered Species Souvenirs.* C.J. Chivers, **At War Blog, New York Times** April 30, 2012
- How U.S. Soldiers Are Fueling the Endangered Species Trade.* Bryan Walsh, **www.Time.com** February 27, 2012

<i>Forest impacts debated.</i> Brian Mann, Adirondack Explorer	November 17, 2011
<i>Green groups hammer on resort's wildlife impact.</i> Jessica Collier, Adirondack Daily Enterprise	June 23, 2011
<i>Officially extinct, mountain lions still haunt the Adirondacks.</i> Brian Mann, North Country Public Radio	March 28, 2011
<i>New Pentagon Effort Targets Illicit Wildlife Trade.</i> Dina Fine Maron, New York Times	March 16, 2010
<i>Moose Mission.</i> Julie Larsen Maher, mongabay.com	September 5, 2008
<i>Moose Gain Ground but Keep a Low Profile.</i> Lisa W. Foderaro, New York Times	May 28, 2008
<i>A dog's job: studying moose in the Adirondacks.</i> Brian Mann, North Country Public Radio	May 27 2008
<i>High Home Prices "Gentrify" Adirondacks.</i> Brian Mann, North Country Public Radio	April, 18, 2006
Environment Impacts of "Exurban Development" Like Big Tupper Poorly Understood. Brian Mann, North Country Public Radio	February 11, 2005
<i>Stalking the Elusive Wild Cougar ... if There Is One Left to Stalk.</i> Lisa W. Foderaro, New York Times	February 23, 2004

RESEARCH FEATURED IN FILM DOCUMENTARIES & VIDEO GAMES

White-Nose Syndrome Video Game https://www.whitenosesyndrome.org/mmedia-education/game-on-the-white-nose-syndrome-video-game , Ravenswood Media and Arbor Interactive, Science Advisor	February 2020
Caught in the Crosshairs, Department of Defense and the Wildlife Conservation	January 2012
Return of the Wild, The Wild Center	May 2010
Scent of a Moose, The Wild Center	May 2010

WORK RELATED GRANTS AND CONTRACTS-PRINCIPLE INVESTIGATOR

Northern New York Audubon – Cullman Foundation (\$1,250)	April 2021
National Science Foundation (\$500,000)	May 2017
Cornell University – NYS Department of Environmental Conservation (\$110,000)	March 2016
NYS Department of Environmental Conservation (\$15,000)	September 2015
Wildlife Management Institute (\$55,000 cumulative)	September 2015, February 2018
Colorado State University Center for Collaborative Conservation Fellow (\$8,000)	April 2015
North Atlantic Landscape Conservation Cooperative (\$179,305)	June 2014
National Science Foundation (\$350,000)	April 2011
National Parks Service (\$32,250 cumulative)	September 2010, September 2012
Murdock Charitable Trust (\$350,000)	December 2009
Duke Wildlife Grant Opportunities (\$80,000)	August 2009
Department of Defense Legacy Natural Resources (\$479,547 cumulative)	January 2009, May 2010, June 2011, June 2012, April 2013, July 2016
Brainerd Foundation (\$348,000 cumulative)	November 2008, November 2009, March 2011, March 2013, March 2015
Biodiversity Research Institute of New York State (\$30,000) (Co-PI)	June 2008
National Science Foundation (\$60,000) (Co-PI)	August 2007
Northeastern States Research Consortium (\$302,648 cumulative) (PI and Co-PI)	June 2007, June 2009, June 2011; March 2013
NYS Department of Environmental Conservation (\$15,000)	November 2001
NYS Division of Housing and Community Renewal (\$7650)	February 2001
Hudson River Improvement Fund (\$15,000)	June 2000

EDUCATION GRANTS RECEIVED

American Association of University Women Dissertation Fellowship (\$20,000)	July 2006
National Science Foundation Doctoral Dissertation Improvement Award (\$11,205)	August 2005
Keickhefer Adirondack Fellowship (\$5,000)	May 2005
Annie's Homegrown Environmental Studies Scholarships (\$1,000)	September 2004
Women's College Scholarship Club (\$600)	July 2004
Keickhefer Adirondack Fellowship (\$5,000)	May 2004
Edna Baily Sussman Grant (\$5,000)	April 1998

OTHER PROFESSIONAL AND EXTRA-CURRICULAR ACTIVITIES

World Commission on Protected Areas, Governance Specialist Group, Co-Chair	2021 – present
Adirondack Land Trust, Board Member	2020 – present
Guest Editor, Conservation Biology, Special Section on Conservation Psychology	2019 – 2020
Friends of Moody Pond, President	2018 – present
Society for Children’s Book Writers and Illustrators	2017 – present
White Nose Syndrome National Communications Working Group (Deputy Director)	2015 – 2016
Society for Conservation Biology, member	2015 – present
Contributor to Wild View Blog	2014 – present
Society for Conservation Biology	2014 – present
White Nose Syndrome National Communications Working Group	2013 – 2021
School of Global Environmental Studies Working Group on Conservation Development, Colorado State University, Advisory Board	2012 – 2019
Associate Editor, Human Dimensions of Wildlife	2015 – 2017
Reviewer for Professional Journals	On-going
<i>Human Dimensions of Wildlife, Population Research and Policy Review, Landscape Ecology, Wildlife Society Bulletin, and Society & Natural Resources, Environmental Management, Ecological Indicators, Biological Conservation, Conservation Biology</i>	
Other Reviewer Activities	On-going
<i>NSF Geography and Spatial Science Program</i>	
Friends of Nature Nepal Advisory Board	2010-present
Northern Lights School Board	2006 – 2010
Science Advisory Board for the Natural History Museum of the Adirondacks	2002 - 2003
Adirondack Gateways Exchange Steering Committee	1999 – 2003
Adirondack Cooperative Loon Program Steering Committee	2000 – 2003

REFERENCES AVAILABLE UPON REQUEST
