

Holly Jones, Ph.D.
hjones@niu.edu

Assistant Professor, Northern Illinois University
(815) 753 - 7527

Education History

Ph.D. (Forestry & Environmental Studies) – Yale University (2010)
Committee: Oswald Schmitz, David Post, Peter Raymond, and David Towns
M.Ph. (Forestry & Environmental Studies) – Yale University (2007)
B.Sc. (Ecology & Evolutionary Biology/Marine Biology) – University of California, Santa Cruz (2003)

Awards and Honors

Lake County Forest Preserve Grant (2014, 2015)
Northern Illinois University Undergraduate Research Apprenticeship (URA) Faculty (2014, 2015)
National Center for Socioeconomic Environmental Synthesis Center (SESYNC), sDIV, and the Helmholtz Center for Environmental Research Synthesis Working Group Grant (2013-2015)
Northern Illinois University Undergraduate Research Apprenticeship Program (URAP) Faculty (2013, 2014)
Northern Illinois University Cobb Fellowship (2014)
Northern Illinois University Research and Artistry Grant (2013, 2014)
American Philosophical Society Franklin Grant (2013)
National Science Foundation Doctoral Dissertation Enhancement Project Grant (2009)
National Geographic Committee for Research Exploration Grant (2008)
Leopold Schepp Foundation Fellow (2006, 2007)
Sophie Danforth Conservation Biology Fund (2007)
Yale Institute for Biospheric Studies Pilot Grant (2006)
American Philosophical Society Lewis and Clark Exploration Grant (2006, 2007)

Appointments

Assistant Professor, Northern Illinois University (August 2012 – current)
Department of Biological Sciences; Institute for the Study of the Environment, Sustainability, and Energy

Associate Editor, Ecological Restoration (May 2015-current)

Research Associate, Institute for Applied Ecology New Zealand, Auckland University of Technology (September 2015 - current)

Visiting Postdoctoral Scholar, UC Santa Cruz (August 2010 – August 2012)
Environmental Studies Department. Advisor: Erika Zavaleta

Ecosystem Recovery and Resilience Consultant, The Nature Conservancy (TNC) and UC Santa Cruz (January 2011 – September 2011). Supervisor: Peter Kareiva

Ecosystem-based Adaptation Consultant, Conservation International and UC Santa Cruz (August 2010 – August 2012). Supervisor: David Hole

Ph.D. Candidate, Yale University; (2005-2010)
Main advisor: Os Schmitz. Committee: David Towns, David Post, Peter Raymond

Publications

Peer reviewed journal articles

Madura, P. and **H.P.** Jones. Invasive species sustain double-crested cormorants in southern Lake Michigan. In press at Journal of Great Lakes Research.

- Russell, J. C., **H. P. Jones**, D. P. Armstrong, F. Courchamp, P. J. Kappes, P. J. Seddon, S. Oppel, M. J. Rauzon, P. E. Cowan, G. Rocamora, P. Genovesi, E. Bonnaud, B. S. Keitt, N. D. Holmes, and B. R. Tershy. Importance of lethal control of invasive predators for island conservation. In press at *Conservation Biology*.
- Schweizer, D., **H.P. Jones**, and N. Holmes. Effects of herbivore eradication on the vegetation of oceanic islands. In press at *Pacific Science*.
- Milman, A, J.M. Marston, S.E. Godsey, J. Bolson, **H.P. Jones**, and C.S. Weiler. 2015. Scholarly Motivations to Conduct Interdisciplinary Climate Change Research *Journal of Environmental Studies and Sciences*, 1-12.
- Borrelle, S.B., Buxton, R.T., **Jones, H.P.** and Towns, D.R. 2015. A GIS-based decision making approach for prioritizing seabird management following predator eradication. *Restoration Ecology*, 23(5): 580-587.
- Kappes, P. and **H.P. Jones**. 2014. Integrating seabird restoration and mammal eradication programs on islands to maximize conservation gains. *Biodiversity Conservation*, 23(2): 503-509.
- Phelan, L., **H.P. Jones**, and J. Marlon. 2013. Bringing new PhDs together for interdisciplinary climate change research. *Eos* 94(5): 57.
- Jones, H.P.**, D. Hole, and E.S. Zavaleta. 2012 Harnessing nature to help people adapt to climate change. *Nature Climate Change* 2(7):504-509.
- Jones, H.P.** and Kress, S.W. 2012. Global review of active seabird restoration projects. *Journal of Wildlife Management*, 76(1): 2-9. Featured on the journal cover.
- Jones, H.P.** 2010. Seabird islands take mere decades to recover following rat eradication. *Ecological Applications* 20(8): 2075-2080. Featured on the journal cover.
- Jones, H.P.** 2010. Prognosis for ecosystem recovery following rodent eradication and seabird restoration in an island archipelago. *Ecological Applications* 20(5):1204-1216. Reviewed on Faculty 1000.
- Jones, H.P.** and O.J. Schmitz. 2009. Rapid recovery of damaged ecosystems. *PLoS ONE* 4(5): e5653. doi:10.1371/journal.pone.0005653. Featured on NPR, in The Economist Magazine, Faculty 1000 and Nature Research Highlights.
- Jones, H.P.**, B.R. Tershy, E.S. Zavaleta, D.A. Croll, B.S. Keitt, and M.E. Finkelstein. 2008. Severity of the effects of invasive rats on seabirds: A global review. *Conservation Biology* 22(1): 16-26. Featured on the journal cover.
- Jones, H.P.**, R.W. Henry III, G.R. Howald, B.R. Tershy, and D.A. Croll (2005). Predation of artificial Xantus's Murrelet nests before and after black rat eradication. *Environmental Conservation* 32(4): 320-325.

Peer reviewed book chapters

- Jones, H. P.** 2013. The impact of ecological restoration on ecosystem services. Pages 199-208 in S. Levin, editor. *The Encyclopedia of Biodiversity*, 2nd Edition. Elsevier, New York.
- Jones, H.P.**, D.R. Towns, T. Bodey, C.M. Miskelly, J. Ellis, M.J. Rauzon, S.W. Kress, and M. McKown. 2011. Chapter 11: Recovery and restoration on seabird islands in C.P.H. Mulder, D.R. Towns, W.B. Anderson, and P.J. Bellingham, editors. *Seabird Islands: Ecology, Invasion, and Restoration*. Oxford University Press, Oxford.
- Towns, D.R., G.V. Byrd, **H.P. Jones**, M.J. Rauzon, J.C. Russell and C. Wilcox. 2011. Chapter 3: Impacts of introduced predators on seabirds in C.P.H. Mulder, D.R. Towns, W.B. Anderson, and P.J. Bellingham, editors. *Seabird Islands: Ecology, Invasion, and Restoration*. Oxford University Press, Oxford.
- Schmitz, O.J., **H. P. Jones** and B.T. Barton (2007). Scavengers. *Encyclopedia of Ecology*. Elsevier, UK.

Manuscripts in Revision

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H.P. Jones, N.D. Holmes, S.H.M. Butchart, B.R. Tershy, P.J. Kappes, I. Corkery, A. Aguirre-Muñoz, D.P. Armstrong, E. Bonnaud, A.A. Burbidge, K. Campbell, F. Courchamp, P. Cowan, R.J. Cuthbert, S. Ebbert, P. Genovesi, G.R. Howald, B.S. Keitt, S.W. Kress, C.M. Miskelly, S. Oppel, S. Poncet, M.J. Rauzon, G. Rocamora, J.C. Russell, A. Samaniego-Herrera, P.J. Seddon, D.R. Spatz, D.R. Towns, and D.A. Croll. Invasive-mammal eradication on islands results in substantial conservation gains. In revision at *Proceedings of the National Academy of Sciences*.

Barber, N., **H.P. Jones**, M. Duvall, W. Wysocki, M. Hansen, and D. Gibson. Phylogenetic diversity is maintained despite richness losses over time in restored tallgrass prairie plant communities. In revision at *Journal of Applied Ecology*.

Meli, P., **H.P. Jones**, K. Holl, J.M. Rey Benayas, D. Moreno Mateos, D. Montoya, P. Jones, M. McCrackin. Do forests recover after logging, agriculture, and mining? A global review. In revision at *Frontiers of Ecology and the Environment*.

Manuscripts in Review

H.P. Jones, Meli, P., K. Holl, Jose Maria Rey Benayas, David Moreno Mateos, Daniel Montoya, Peter Jones, Michelle McCrackin, Ryan Blackburn*, Edward Barbier. The effects of restoration on ecosystem recovery. In review at *Nature Communications*.

Michelle McCrackin, **H.P. Jones**, David Moreno Mateos, and Peter Jones. Incomplete recovery of lakes and coastal marine ecosystems from eutrophication: A global meta-analysis. In review at *Limnology and Oceanography*.

Teaching

ENVS 302 (every Fall); BIOS 209 (Fall 2013); BIOS 406/506 (every Fall); ENVS 491 (Spring 2013); BIOS 670 (Summer 2014); BIOS 761 (Fall 2014, 2015)

Service

Membership on dissertation and thesis committees

Student	Degree sought	Adviser or Comm. Member	Frequency of contact	Completion?
Patrick Madura	MSc	Advisor	Daily	N
Stephanie Kong	MSc	Advisor	Daily	N
Heather Herakovich	MSc	Advisor	Daily	N
Eric Hileman	PhD	Comm. member	Monthly	N
Tanya O'Brien	PhD	Comm. member	Monthly	Y
Angela Burke	MSc	Advisor	Daily	N
Ted Burgess	PhD	Comm. member	Monthly	N
Emily Somova	MSc	Comm. member	Monthly	N
Phyllis Pischl	MSc	Comm. member	Monthly	N
Stephanie Borelle	PhD	Comm. member (student at Auckland University of Technology)	Monthly	N

Student Research Mentoring

Semester	Course #	Student name	Degree sought
Spring 2012	BIOS 370	Adam Cox	BSc
Fall 2013 -	BIOS 699,	Patrick Madura	MSc

Spring 2015	770		
Fall 2013 - Spring 2015	ENVS 490	Ryan Blackburn (URA student)	BSc
Fall 2015-present	770	Ryan Blackburn	MSc
Fall 2013 - Spring 2014	ENVS 490	Samantha Hill (URAP student)	BSc
Spring 2014-Fall 2014	ENVS 490	Alyse Olson (URA student)	BSc
Spring 2014		Suzanne Ven Housen, PROMISE Scholar	BSc
Fall 2013-Spring 2014	BIOS 370	Taylor McDonald	BSc
Spring 2015 - Present	BIOS 699, 770	Lyndsay Rankin	PhD
Fall 2015	SEF project	Jess Fliginger (Undergraduate Engagement Scholar)	BSc
Fall 2015	SEF project	Maria Weston (Undergraduate Engagement Scholar)	BSc
Fall 2015	Research Rookies	Jonothan Vavrina	BSc
Fall 2015	Research Rookies	Peyton Whiston	BSc
Fall 2015	ENVS 490	Olivia Deihs	BSc
Fall 2015	BIOS 399	Benjamin Walter	BSc
Spring 2014 - Present	BIOS 699, 770	Angela Burke	MSc
Spring 2014 - Present	BIOS 699, 770	Heather Herakovich	MSc; now PhD
Spring 2014 - Present	BIOS 699, 770	Stephanie Kong	MSc

Departmental Committees

NIU Natural Areas Committee
 BIOS New Ideas Committee
 BIOS Graduate Committee

Departmental Seminar Speakers Hosted

Dave Ewert, Lead Scientist, The Nature Conservancy (Fall 2012)
 Jeff Walk, Director of Science in Illinois, The Nature Conservancy (Spring 2013)
 Oswald Schmitz, Professor, Yale University (Fall 2013)

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Margaret Palmer, Director, National Center for Socioeconomic Environmental Synthesis Center
(Fall 2013)

Seth Binder, Assistant Professor, St. Olaf College (Spring 2014)

Jeramie Strickland, U.S. Fish and Wildlife Service Biologist (Fall 2014)

Sarah Supp, National Science Foundation Post-doctoral Scholar (Spring 2015)

Rachel Buxton, National Park Service Post-doctoral Scholar (Fall 2015)

Other University Service

Conference for Young Women. What does nature do for people? September 2015.

STEM Cafe. Breakfast with the Bison talk and prairie tour - ~200 participants. August 2015.

Talk for New Ideas in Science Conference. Conservation and restoration for people or nature?
March 2015.

Seminar: Conservation and Diversity. H.P. Jones. Philippine Youth Leadership Program.
Northern Illinois University. April 2013, April 2015.

Faculty advisor for student organization Green Paws (2013).

Seminar: Conservation and Restoration Locally and Globally. Jones, H. NIU ESE Seminar; Feb
2014.

Seminar: Wrangling large data sets. H.P. Jones. ESE seminar series. Northern Illinois University.
September 2013.

Seminar: Restoration ecology. H.P. Jones. NIU Phi Sigma Honor's Society talk. Feb 2013.

Seminar: Restoring damaged environments. Sigma Xi. NIU. Sep. 2013.

I created a poster about my research which was displayed at NIU's Anthropology museum's
endangered species exhibit.

I secured Dr. Dave Towns, a world-renowned island conservation biologist, as a collaborator to
serve as a committee member on my graduate students' committees who will work in New
Zealand. We have a memo of understanding about our collaboration and Dave has agreed
to give some remote guest lectures for my Conservation Biology class. We are also
proposing a potential dual degree between our two universities to make it easier for our
students to do field work there and get as much experiential learning as possible during
their graduate studies.

Grant activity

Grants awarded

Agency	PI/CoPI	Inclusive Fund. Dates	Total amt. of Direct + Indirect \$
Northern Illinois University Research and Artistry	H. Jones	5/2013-5/2014	\$15,000
Northern Illinois University Cobb Fellowship	H. Jones	12/2014	\$1333.33 with a match of \$200 from BIOS
Lake County Forest Preserve	R. King, H. Jones, N. Barber	3/2014-2/2015	\$29,898
The National Socio-Environmental Synthesis Center (SESYNC) and Helmholtz Centre for Environmental Research in Germany	H. Jones, D. Moreno-Mateos	2014-2015	Travel for all eight collaborators and me for bi-annual meetings (see below) (ca. \$72,000)
American Philosophical Society	H. Jones	3/2013-3/2014	6,000
Northern Illinois University	H. Jones	5/2012-5/2013	15,000

Research and Artistry			
Lake County Forest Preserve	R. King, H. Jones, N. Barber	4/2015-4/2016	\$40,663

Grants in review

Agency	PI/CoPI	Inclusive Fund. Dates	Total amt. of Direct + Indirect \$
NSF GRFP	R. Blackburn, H. Jones	2016-2019	\$132,000
NSF DEB pre-proposal	H. Jones	1/2017-1/2019	NA - preprop
NSF DEB pre-proposal	H. Jones	1/2017-1/2019	NA - preprop

Grants submitted but not funded

Agency	PI/CoPI	Inclusive Fund. Dates	Total amt. of Direct + Indirect \$
Department of Energy	Co-PI	2016-2019	\$1,038,000
NSF DEB full proposal	N. Barber, H. Jones, M. Duvall	1/2016-1/2018	\$149,456
NSF DEB pre-proposal	H. Jones	1/2016-1/2018	NA - preprop
NSF GRFP (for student H. Herakovich)	H. Herakovich, H. Jones	2015-2017	\$132,000
NSF GRFP (for student A. Burke)	A. Burke, H. Jones	2015-2017	\$132,000
NSF GRFP (for student S. Kong)	S. Kong, H. Jones	2015-2017	\$132,000
NSF DEB Invited Full Proposal	N. Barber, H. Jones, M. Duvall, K. McCravy	3/2015-3/2018	\$350,000
NSF DEB pre-proposal	N. Barber, H. Jones	1/2015-1/2017	NA - preprop
NSF DEB pre-proposal	H. Jones	1/2015-1/2017	NA - preprop
Dept of Agriculture	CoPI	1/14-12/16	965,785
National Geographic Society	PI	8/2015-8/2016	20,000
American Philosophical Society	PI	3/2014-3/2015	6,000
NSF Geography and Spatial Sciences	PI	3/2015-3/2018	153,489
NSF Geography and Spatial Sciences	PI	3/2014-3/2017	153,489
NSF Coastal SEES	PI	10/13-9/15	423,945
NSF DEB pre-proposal	CoPI	1/2014-1/2016	NA - preprop
NSF DEB pre-proposal	CoPI	1/2014-1/2016	NA - preprop

Department of Defense	PI	2014-2019	3,897,520
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Student grant success

2014

Heather Herakovich - Illinois Association of Environmental Professionals; Friends of Nachusa Grasslands; Departmental Grant; NSF GRFP Honorable Mention
Stephanie Kong - NIU University Fellowship; Departmental Grant

2015

Ryan Blackburn - URA Funding
Angela Burke - Natural Areas Association, American Society of Mammalogists, Friends of Nachusa Grasslands.
Heather Herakovich - Friends of Nachusa Grasslands, Natural Areas Association, NIU Biology Department
Lyndsay Rankin - DigitalGlobe, Phi Kappa Phi, Sigma Xi
Maria Weston - SEF Funding

Symposia and Professional Speaking - *Indicates Presenter

University of Arkansas. (2015). "Seabird island restoration and recovery following invasive rat removal." H.P. Jones*. I was invited as the Graduate Colloquium Speaker.

International Congress for Conservation Biology (2015) - "Benefits of invasive mammal removal to native island fauna." H.P. Jones*, N.D. Holmes, S.H.M. Butchart, B.R. Tershy, P.J. Kappes, I. Corkery, A. Aguirre-Muñoz, D.P. Armstrong, E. Bonnaud, A.A. Burbidge, K. Campbell, F. Courchamp, P. Cowan, R.J. Cuthbert, S. Ebbert, P. Genovesi, G.R. Howald, B.S. Keitt, S.W. Kress, C.M. Miskelly, S. Oppel, S. Poncet, M.J. Rauzon, G. Rocamora, J.C. Russell, A. Samaniego-Herrera, P.J. Seddon, D.R. Spatz, D.R. Towns, and D.A. Croll.

Joint Aquatic Sciences Meeting (2014) - "Slow recovery of lakes, wetlands, and coastal areas from eutrophication." M. McCrackin* and H.P. Jones.

DISCCRS (DISsertations initiative for the advancement of Climate Change ReSearch) VII (October 2012) – I was selected among a large pool of applicants to be one of 30 early career scholars to participate in this symposium for professionals pursuing climate change research. During the week-long symposium, the 30 invited DISCCRS Scholars will have the opportunity to present their research, hone interdisciplinary communication and teambuilding skills, and discuss emerging research and trends. Scholars will also have the chance to talk about the societal and professional challenges involved in climate change research, with each other and with established researchers invited to serve as mentors.

97th Annual Ecological Society of America Meeting (2012) – “Harnessing nature to help people adapt to climate change: Identifying global high-priority areas for coastal ecosystem-based adaptation.” H.P. Jones*, D. Hole, B. Nickel, E. Zavaleta.

Island Restoration Symposium, Society for Conservation Biology (2011) – I organized and chaired a symposium on the restoration and conservation outcomes on islands following invasive species eradication. I gave a talk at the symposium, “Taking eradication funding and measurable outcomes one step further – Restoring island ecosystems.”

25th Meeting of the Society for Conservation Biology (December 2011). “Repair and recovery of damaged nature.” H.P. Jones*, P. Kareiva, M. Mariver, E. Zavaleta.

UC Santa Cruz Environmental Studies Seminar Series (February 2011) – “Setting ecosystem-based adaptation goals for climate change and prioritizing restoration projects.”

World Seabird Conference (September 2010). “Worldwide seabird restoration projects.” H.P. Jones* and S. Kress. Invited presentation.

1st International Wildlife Reintroduction Conference (April 2008). "Review of seabird reintroduction projects worldwide." H.P. Jones* and S. Kress.
3rd Joint Conference of the NZ Ecological Society and the Ecological Society of Australia (August 2006). "What makes seabirds defenseless to invasive rats? An analysis of seabird characteristics affecting vulnerability." H.P. Jones*, B.R. Tershy, D.A. Croll, E.S. Zavaleta
20th Meeting of the Society for Conservation Biology (June 2006). "What makes seabirds defenseless to invasive rats? An analysis of seabird characteristics affecting vulnerability." H.P. Jones*, B.R. Tershy, D.A. Croll, E.S. Zavaleta.
6th California Islands Symposium (2003). "Predation of artificial Xantus Murrelet nests before and after black rat eradication." H.P. Jones*, B.R. Tershy, D.A. Croll, G.R. Howald.

Synergistic activities

1. Building databases that help researchers and conservation practitioners

A. Together with Peter Kareiva of TNC, Michelle Marvier of Santa Clara University, Erika Zavaleta and Karen Holl of UC Santa Cruz, a team of undergraduate researchers, I built a database of published studies that investigate ecosystem recovery from a range of large-scale disturbances (agriculture, eutrophication, invasive species, tropical storms, logging, oil spills, and overfishing). We gathered data on recovery rates of different response variables with and without active restoration, resilience of ecosystems generally, and we will use the data to help build restoration theory. We intend to publish this database of over 800 studies and make it searchable online for decision makers and managers tasked with restoring ecosystems. We received funding from the National Center for Socioeconomic Environmental Synthesis Center (SESYNC), sDIV, and the Helmholtz Center for Environmental Research to convene a working group to expand our analyses. **B.** Together with Don Croll, Bernie Tershy, Myra Finkelstein, Brad Keitt, and Erika Zavaleta, I wrote and published a paper and database that details the extent of rat predation on island-breeding seabirds globally. Managers tasked with restoring island ecosystems and protecting them from invasive rats around the globe have used this database to help guide their restoration efforts. **C.** Together with Steve Kress, I built a database of projects using active restoration methods to augment breeding seabird populations on islands globally. This database is available and searchable online for use by restoration planners and researchers.

2. Facilitating interdisciplinary climate change research

A. I led a team of academics and non-profits to map the potential for ecosystems to reduce global coastal vulnerability to climate-induced sea level rise and tropical storms as part of my post-doc. This work brought together conservation practitioners, social scientists, ecologists, and geographers in order to effectively map exposure, sensitivity, and adaptive capacity of coastal dwelling populations. **B.** Out of over 200 applicants, I was one of 33 selected to attend the Dissertation Initiative for the Enhancement of Climate Change Research (DISCCRS) symposium where I had extensive training on how to approach interdisciplinary research. Some peers I met at that group and I have since conducted a survey of climate change scientists to investigate their motivations for pursuing interdisciplinary climate change research, the results of which are now published in the Journal of Environmental Studies and Sciences.

3. Encouraging the next generation of scientists

I have strong outreach to K-12 students by regularly talking in local schools in Illinois about my island and local restoration research and by leading school groups on tours of Nachusa Grasslands, one of my research sites. I've presented information about my research to four different K-12 schools in the Midwest since becoming a faculty member and have ongoing partnerships with two - Montessori Academy of Batavia for K-8 students and the AP Environmental Science class at Larkin High School in Elgin, IL, which is made up of 75% minority and mostly underprivileged students. My students and I go to both schools yearly to talk about biodiversity and our research.

4. Facilitating community involvement in conservation - A. I organized and chaired a symposium on the restoration and conservation outcomes on islands following invasive species eradication at the 25th Meeting of the Society for Conservation Biology. The meeting's theme was engaging society in conservation so I solicited a talk from the director of a community restoration group called Friends of Mana Island as well as talks from scientists who have worked at engaging society in conservation. B. Together with a colleague, I gave a talk to over 200 members of our local community titled "Breakfast with the Bison", where we talked about restoration at our field site at Nachusa Grasslands in Northern Illinois and the importance of restoring bison. This was followed by my colleague and I leading natural history tours through Nachusa Grasslands.

5. Designing sustainability courses that teach critical thinking and meet students' needs. A. I helped design the curriculum, lectured, and taught a section for Linkages to Sustainability at Yale – a newly offered course the year I was involved. It had a faculty team comprised of an ecologist, an anthropologist, a geographer, and an engineer sought to encourage interdisciplinary thinking and problem solving. Students were deliberately encouraged to abandon the expectation of the professors and teaching fellows as “providers” and the student as “consumers” of knowledge. We instead challenged students to develop their own conceptual frameworks for engaging in integrative problem solving, formed on the basis of guiding principles provided through lectures, readings, and discussions. B. I am embracing the concept of team-based learning in the courses I teach at NIU, which encourages students to pursue and take ownership of projects throughout the semester, based on prompts from the professor. For my Introduction to Environmental Science course, I assign groups for students to work in throughout the semester and give them assignments such as designing a program that could increase NIU's sustainability and identifying a human health issue that is linked to climate change and land-use change and proposing potential ways to address it. By placing emphasis more on learning to work together as part of a team and use interdisciplinary knowledge to tackle complex environmental problems and less on memorizing and recounting facts, this learning technique helps give students the skills they need to succeed in environmental science. C. Together with collaborator Dr. David Towns of Auckland University of Technology, I have created virtual Conservation Biology exchanges where graduate students from both NIU and AUT meet remotely and discuss their research projects and get feedback from their peers.

Service outside NIU

Outside Dissertation Review - Rachel Buxton, Ecological drivers of seabird recovery after the eradication of introduced predators. University of Otago, New Zealand (July 2014)

NSF Antarctic Organisms and Ecosystems grant panel (July 2014)

NSF DDIG grant panel (February 2013)

NSF GRFP grant panel (January 2013)

Biodiversa grant panel (April 2013)

Outside reviewer for Natural Sciences and Engineering Research Council of Canada Grants (NSERC)

Outside reviewer for *Animal Conservation*

Outside reviewer for *Antarctic Science*

Outside reviewer for *Biodiversity Conservation*

Outside reviewer for *Biological Conservation*

Outside reviewer for *Biological Invasions*

Outside reviewer for *Bioscience*

Outside reviewer for *Bird Conservation International*

Outside reviewer for *Conservation Biology*

Outside reviewer for *EcoHealth*

Outside reviewer for *Ecology*

Outside reviewer for *Ecology Letters*
Handling editor for *Ecological Restoration*
Outside reviewer for *Global Change Biology*
Outside reviewer for *Human Ecology*
Outside reviewer for *Journal of Fish and Wildlife Management*
Outside reviewer for *Journal of Wildlife Management*
Outside reviewer for *Methods in Ecology and Evolution*
Outside reviewer for *Nature Climate Change*
Outside reviewer for *New Zealand Journal of Ecology*
Outside reviewer for *Oecologia*
Outside reviewer for *PlosBiology*
Outside reviewer for *PlosOne*
Outside reviewer for *PNAS*
Outside reviewer for *Population Ecology*
Outside reviewer for *Restoration Ecology*
Outside reviewer for *Proceedings of the Royal Society B - Biological Sciences*

Professional Public Service

NIU STEM Cafe. Breakfast with the Bison talk and prairie tour - ~200 participants. August 2015.
My research was filmed and covered by Al Jazeera America's Tech Know program. Air date 19 September 2015.
NIU filmed me for the national Speak Your Mind series (October 2015).
<http://newsroom.niu.edu/2015/10/30/speak-your-mind/>
My research was also featured on NIU's website and newsroom (November 2015):
<http://newsroom.niu.edu/2015/11/30/prairie-state-of-mind/>
I was invited to and presented about my research to a group of 4th-6th graders and another class of pre-K to K students at Batavia Montessori Academy in October 2014 and 2015.
I gave a lecture about biodiversity to Larkin High School, Elgin, IL students in November 2014. These are AP Environmental Science students.
I helped ENVIS graduate Alyse Olson acquire a DeKalb County Forest Preserve summer internship (Summer 2014) and a Lake County Forest Preserve technician job (Summer 2015)
I helped ENVIS undergraduate Ryan Blackburn acquire an internship on the crew at Nachusa Grasslands. (Summer 2014, 2015)
I helped ENVIS graduate Samantha Hill acquire a full time position working for the Water Resource Board in Illinois. (Spring 2014). I helped her acquire another job at Antea Group (Fall 2015)
I helped ENVIS student Cassandra Heredia acquire a McHenry County Conservation District summer job (Summer 2015)
Jones, H. (Presenter), Winter Trails & Naturalist Tales - Illinois extension conference, "Ecosystem recovery after severe disturbances," University of Illinois Extension. (February 9, 2013). I was invited as one of the keynote speakers for this public conference.
The Nature Conservancy Nachusa Grasslands Science Steering Committee - I was asked to help Nachusa shape their science and restoration plan as they introduce bison and going forward. We meet yearly.