

curriculum vitae of JOHN M. KASMER

Associate Professor
Department of Biology
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EDUCATION

- 1996: Ph.D. Biology (Ecology), University of Michigan, Ann Arbor, MI.
1986: M.S. Botany (Field Naturalist Program), University of Vermont, Burlington, VT.
1981: B.S. Biology, College of William and Mary, Williamsburg, VA.

POSITIONS HELD:

- 2020-present: Coordinator, Environmental Science Program
2005-2020: Chair, Department of Biology, Northeastern Illinois University (NEIU)
2002-present: Associate Professor, Department of Biology, NEIU
1996-2002: Assistant Professor, Department of Biology, NEIU

PAPERS PRESENTED

- von Konrat, M., A. Smith, B. Carstensen, L. Whyte, T. Campbell, M. Greif, J. Larrain, E. Gaus, B. Sanzenbacher, A. Aronowsky, M. Bryson, B. Crownover, **J. Kasmer**, B. Shaw, B. Carter, J. Shaw, J. Scheffel, C. D'Lavoy, L. Hasan, J. Ewbank, W. Kurpik, J. Newson, L. Briscoe, X. Alava, Z. Zillen, V. Lopez, S. Schulze, A. Vizzone, D. Arabsheibani, A. Wagner, K. Lugo, B. Reidy, P. Rebollar, R. Millison, T. Shelley, L. Lyons, and R. Lücking. 2014. Crowd-sourced science: digitized natural history collections extends its branches to education and outreach. Botany 2014, 26-30 July 2013, Boise, ID. (Joint meeting of American Bryological and Lichenological Society, International Association for Plant Taxonomy, The American Fern Society, Botanical Society of America, and Society of Herbarium Curators) (oral)
- von Konrat, M., T. Campbell, M. Greif, A. Smith, E. Gaus, B. Crownover, **J. Kasmer**, M. Bryson, J. Larrain, J. Shaw, B. Shaw, and C. Benjamin. 2013. Crowd sourced science: A Transformative model of engagement connecting museum collections to biodiversity education. Botany 2013, 27-31 July 2013, New Orleans, LA. (Joint meeting of American Bryological and Lichenological Society, International Association for Plant Taxonomy, The American Fern Society, and the Botanical Society of America) (oral)
- Anderson, G., **J. Kasmer**, J. Al-Bazi, A. Banerjee, D. Rutschman and K. Voglesonger. 2009. Northeastern Illinois University's Interdisciplinary Environmental Science Program. SENCER Summer Institute, Chicago, IL. (poster)
- Olfelt, J.P, D. Rutschman and **J. Kasmer**. 2007. Population dynamics of *Sedum integrifolium* ssp. *Leedyi*. Botany Society of America, Chicago, IL. (poster)
- Kasmer, J.M.** and R. Shefferson. 2001. Effects of removing an invasive shrub from the understory on growth of canopy trees in northeastern Illinois forests. Ecological Society of America, Madison, WI. (poster)
- Kasmer, J.M.** 1999. Positive effects of twig abscission on the growth and water status of trembling aspen. Ecological Society of America, Spokane, WA. (poster)
- Kasmer, J.M.** 1994. Twig growth and abscission in *Populus tremuloides*: responses to different shading treatments. Ecological Society of America, Knoxville, TN. (poster)
- Kasmer, J.M.** 1993. Causes of branch abscission in *Populus tremuloides*. Ecological Society of America, Madison, WI. (oral presentation)
- Kasmer, J.M.** 1986. Effects of submergence and exposure on meiofaunal colonization and residency on *Diopatra cuprea* (Polychaeta: Onuphidae) tube-caps. Marine Biological Laboratories, Woods Hole, MA.
- Kasmer, J.M.**, P.R. Kasmer and S.Ware. 1981. Edaphic factors and vegetation in the Piedmont lowlands of southeastern Pennsylvania. Virginia Academy of Science, Norfolk, VA. (oral presentation)

SCIENTIFIC PUBLICATIONS

Kasmer, J.M., P.R. Kasmer and S. Ware. 1984. Edaphic factors and vegetation in the Piedmont lowlands of southeastern Pennsylvania. *Castanea* 49: 147-157.

OTHER PUBLICATIONS

Kasmer, J.M. 1996. Book review of “Forest Canopies”, M.D. Lowman & N.M. Nadkarni (eds.). *Plant Science Bulletin* 42 (2): 44-45.

GRADUATE STUDENTS ADVISED

- Santonastaso, Trent. Analysis of raccoon (*Procyon lotor*) population distribution and structure from varied habitats across the Chicagoland area. (*research thesis*; Dec 2009)
- Pollack, Cathy. Host-plant availability of pollinators of Eastern prairie fringed orchid *Plantanthera leucophaea*. (*research thesis*; May 2009)
- Spencer, Daniel. A post-release radio-telemetry study of captive-reared barn owls in northeastern Illinois. (*research thesis*; May 2007)
- Jackson, Peter. Temporal and spatial vegetation dynamics in a remnant oak savanna: Middlefork Savanna, Lake County, Illinois. (*research thesis*; Summer 2006)
- Jones, Moneen. Intraguild predation between the larvae of an indigenous and introduced species of ladybird beetle (Coleoptera: Coccinellidae) when prey are not limiting. (*research thesis*; Summer 2006)
- Torres, Laura. Local demography of two explosively-dispersed plant species. (*research thesis*; May 2005)
- Klick, Laura. Cleistogamous flowering: A literature review of the evolutionary implications of dimorphic reproductive strategies. (*library thesis*; May 2005)
- Malo, Marie. Success of urban and suburban coyotes is due to variation in food habits and behavior. (*library thesis*; May 2004)
- Henry, Joseph. The compatibility of summer burning with prairie insect conservation. (*research thesis*; May 2003)

DEPARTMENT, COLLEGE & UNIVERSITY SERVICE ACTIVITIES (Northeastern Illinois University; 1996-present)

- Representative of the Environmental Science program to the CAS Academic Affairs Committee (2020-present)
- Coordinator – Environmental Science Program (2020-present)
- Chair – Department of Biology (2005-2020)
- Associate Chair, Department of Biology (2002-2005; elected)
- Chair, Biology Department Personnel Committee (2002-2005; elected)
- Biology Department Graduate Program Advisor (2003-2005; appointed)
- Chair, Ecologist Faculty Search & Screen (2002-2003; appointed)
- Co-Chair, Environmental Science Working Group (2009-2011; member of Executive Board from 2012-2014)
- University Planning & Budgetary Council (2014-present; elected)
- Chair, College of Arts & Sciences Faculty Assembly (2016-present; elected)
- Biology Representative, College of Arts & Sciences Academic Affairs Committee (2019-)
- Search & Screen Committee for Provost/VP of Academic Affairs (2019)
- Chair, Chairs Personnel Committee (2018; appointed)
- Chair, Search & Screen Committee for Associate Dean of the College of Graduate Studies & Research (2016)
- Thesis Policy Task Force – College of Graduate Studies & Research (2014; appointed)
- Library Master Space Plan Steering Committee (2013; appointed)

GRANTS & AWARDS

- 2011 – Title III/HSI grant “*Enhancing Career Opportunities in Biomedical and Environmental Health Sciences*” (\$ 4.3M; intellectual co-author)
- 2009 – Co-Director for “*Fast Pace and Enrichment Courses at NEIU for Gifted Chicago Public School Students*” (\$ 75,000, Chicago Public Schools)
- 2009 – NEIU Research Community Grant (with Joel Olfelt and Emina Stojković [Biology] and David Rutschman [Mathematics]): Computational Biology (\$ 4,397)
- 2008 – CCRAA Grant for HSI: Science Engagement @NEIU (\$2.16M; intellectual co-author, and member of the Board of the Center for Science Engagement)
- 2008 – Co-Director for “*Fast Pace and Enrichment Courses at NEIU for Gifted Chicago Public School Students*” (\$ 75,000, Chicago Public Schools)
- 2008 – NEIU Research Community Grant (with Joel Olfelt and Steve Frankel [Biology] and David Rutschman [Mathematics]): Ecological Monitoring and Mathematics (\$ 2,095)
- 2007 – NEIU Research Community Grant (with Joel Olfelt and Steve Frankel [Biology] and David Rutschman [Mathematics]): Ecological Monitoring and Mathematics (\$ 4,441)
- 2006 – NEIU Research Community Grant (with Joel Olfelt [Biology] and David Rutschman [Mathematics]): Endangered Plant Populations and Mathematics (\$ 4,949)
- 1997 – NEIU Committee on Organized Research Grant: *Documenting the effects of an invasive shrub (Rhamnus cathartica; Rhamnaceae) on the regeneration and diversity of native plant sp* (\$2,790)
- 2002 – NEIU Faculty Excellence Award (Service)
- 2000 – NEIU Faculty Excellence Award (Teaching)

COURSES TAUGHT (Northeastern Illinois University, Department of Biology; 1996 – present)

BIOL 100	Introduction to Biology (non-majors)
BIOL 102 / BIO 201	Biology of Organisms/General Biology I
BIOL 103 / BIO 202	Biology of Populations/General Biology II
BIOL 104	Changing Natural Environment (non-majors)
BIO 109A	FYE: Alien Invasions of Chicago
BIO 150	Essential Skills for Biologists
BIOL 311 / BIO 303	Genetics/General Genetics
BIOL 380 / BIO 305	General Ecology/WIP: General Ecology
BIOL 386 / BIO 359	Ecological Methods
BOT 321 / BIO 350	Plant Ecology
BIOL 408 / BIO 456	Bio-environmental Analysis
BIOL 481 / BIO 405	Biological Literature
BIOL 483 / BIO 451	Patterns in Species Diversity
BIO 485T / BIO 455	Restoration Ecology
BIOL 498C / BIO 453	Conservation Biology
BIOL 498D / BIO 450	Foundations of Ecology
BIOL 498E	Ecology & Identification of Woody Plants
BIOL 498J / BIO 411	Spreadsheet Modeling in Ecology & Evolution
BIOL 498N / BIO 457	Current Topics in Ecology & Evolution
Biol 498R	(Foundations of) Animal Ecology
ENVI 101	Introduction to Environmental Science
ENVI 301	Methods in Environmental Science (co-taught)
ENVI 302	Beyond the Textbook: Science in Popular Literature (co-taught)
ENVI 390	Environmental Science Research & Practice
ZHON 194	Honors Introduction to the Sciences (co-taught)