
CURRICULUM VITAE

Michael Joseph Dreslik, Ph.D.

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[Google Scholar](#)

[Research Gate](#)

[LinkedIn](#)

PERSONAL

Born 22 August 1972
Flushing, Queens, New York

AREAS OF RESEARCH INTEREST

Conservation, Population, Spatial, Behavioral, Community, and Physiological Ecology of Reptiles and Amphibians

As of 12/17/2020

Google® Scholar: 1,300 citations; h-index - 17; i10-index - 30

ResearchGate: 956 citations; h-index - 12; i10-index - 12; Reads – 20,583; RG Score – 27.35 (85th percentile)

Web of Science: 577 citations; h-index – 11; i10-index – 13

Scopus: 631 citations; h-index – 11; i10-index – 13

EDUCATION

DEGREES EARNED

- Ph.D.** University of Illinois Urbana–Champaign, Major – Natural Resource Ecology and Conservation, 1/97 – 1/05, Major Professor – Dr. C. A. Phillips
Dissertation: Ecology of the Eastern Massasauga rattlesnake (*Sistrurus c. catenatus*) from Carlyle Lake, Clinton County, Illinois. University of Illinois Urbana–Champaign, Urbana, Illinois. xxxvii+353 pp.
- M.Sc.** Eastern Illinois University, Major – Biology, 8/94 – 5/96, GPA 3.7(4.0), Major Professor – Dr. E. O. Moll
Thesis: Ecology and community relationships of the River Cooter, *Pseudemys concinna*, in a southern Illinois backwater. Eastern Illinois University, Charleston, Illinois. v + 69pp.
- B.Sc.** Eastern Illinois University, Major – Zoology, 8/92 – 5/94,
- A.Sc.** Lake Land Community College, Major – Biology, Education, 8/90 – 5/92 *Cum Laude*

WORK EXPERIENCE

POSITIONS HELD

- 10/2018 – Present** **Owner and Primary** – Applied Envirolytics LLC, Champaign, Illinois.
- 1/2017 – Present** **Head/Director** – Population and Community Ecology Lab, Illinois Natural History Survey, Prairie Research Institute, University of Illinois Urbana–Champaign, Illinois.
- 1/2015 – Present** **Coordinator** – Amphibian and Reptile Conservation Program, Illinois Natural History Survey, Prairie Research Institute, University of Illinois Urbana–Champaign, Illinois.
- 1/2015 – 12/2019** **Coordinator** – Urban Biotic Assessment Program, Illinois Natural History Survey, Prairie Research Institute, University of Illinois Urbana–Champaign, Illinois.
- 1/2007 – 12/2014** **Assistant Research Scientist** – Illinois Natural History Survey, Prairie Research Institute, University of Illinois Urbana–Champaign, Illinois.
- 7/2005 – 12/2006** **Assistant Technical Scientist II** – Illinois Natural History Survey, Center for Biodiversity, Champaign, Illinois.
- 1/2004 – 7/2005** **Field Ecologist** – Illinois Natural History Survey, Center for Biodiversity, Champaign, Illinois.

ADJUNCT/AFFILIATE STATUS

- 8/2015 – Present** **Adjunct Assistant Professor** – Department of Biology, University of Louisiana, Monroe, Louisiana.
- 3/2013 – Present** **Adjunct Assistant Professor** – Department of Natural Resources and Environmental Sciences, University of Illinois Urbana–Champaign, Illinois.

WRITING EXPERIENCE

SCIENTIFIC CONTRIBUTIONS

[†]denotes graduate student authorship or work from their thesis/dissertation

[‡]denotes post-doctoral associate authorship

PUBLISHED

Full-length Articles

- 2020** **52** – Crawford, J. A., **M. J. Dreslik**, S. J. Baker[†], C. A. Phillips, and W. E. Peterman. Factors affecting the detection of an imperiled and cryptic species. *Diversity*. 12(177):1–17. doi:10.3390/d12050177
- 51** – [†]Edmonds, D. A., A. R. Kuhns, and **M. J. Dreslik**. Eastern Box Turtle (*Terrapene Carolina Carolina*) growth and the impacts of invasive vegetation removal. *Herpetological Conservation and Biology*. 15:588–596.
- 50** – [†]Edmonds, D., L. Adamovicz, M. C. Allender, and **M. J. Dreslik**. Reproductive output of Ornate Box Turtles (*Terrapene ornata ornata*) in Illinois, USA. *Herpetological Conservation and Biology*. 15:467–475.
- 2019** **49** – [†]Feng, C. Y., D. Mauger, J. P. Ross, and **M. J. Dreslik**. Size and Structure of two populations of Spotted Turtle (*Clemmys guttata*) at its western range limit. *Herpetological Conservation and Biology*. 14(3):648–658.
- 48** – [†]Feng, C. Y., J. P. Ross, D. Mauger, and **M. J. Dreslik**. A long-term demographic analysis of Spotted Turtles (*Clemmys guttata*) in Illinois using matrix models. *Diversity*. 11(226):1–23. doi:10.3390/d11120226.
- 47** – dePersio, S., M. C. Allender, **M. J. Dreslik**, L. Adamovicz, C. A. Philips, B. Willeford, L. Kane, S. Joslyn, and R. T. O'Brien. Body condition of Eastern Box Turtles (*Terrapene Carolina Carolina*) evaluated by computed tomography. *Journal of Zoo and Wildlife Medicine*. 50(2):295–302.
- 46** – Petersen, C. E., A. M. Goetz, **M. J. Dreslik**, J. D. Kleopfer, and A. H. Savitsky. Sex, mass, and monitoring effort: Keys to understanding spatial ecology of Timber Rattlesnakes (*Crotalus horridus*). *Herpetologica*. 75:162–174.
- 45** – [†]Ross, J. P., R. B. Bluett, and **M. J. Dreslik**. Movement and home range of the Smooth Softshell Turtle (*Apalone mutica*): Spatial ecology of a river specialist. *Diversity*. 11(124): doi:10.3390/d11080124.
- 2018** **44** – [‡]Baker, S. J., W. J. B. Anthonsamy, M. A. Davis, **M. J. Dreslik**, M. R. Douglas, M. E. Douglas, and C. A. Phillips. Temporal patterns of genetic diversity in an imperiled population of the Eastern Massasauga Rattlesnake (*Sistrurus catenatus*). *Copeia*. 2018:414–420.
- 43** – Hedrick, A. R., H. M. Klondaris, L. C. Corichi, **M. J. Dreslik**, and J. B. Iverson. The effects of climate on annual variation in reproductive output in Snapping Turtles (*Chelydra serpentina*). *Canadian Journal of Zoology*. 96:221–228.
- 42** – Sherwood, J. L., A. J. Stites, **M. J. Dreslik**, and J. S. Tiemann. Predicting the range of a regionally threatened, benthic fish using species distribution models and field surveys. *Journal of Fish Biology*. 93:972–977.
- 2017** **41** – Anthonsamy, W. J. B., **M. J. Dreslik**, M. R. Douglas, D. Thompson, G. M. Klut, A. R. Kuhns, D. Mauger, D. Kirk, G. A. Glowacki, M. E. Douglas, and C. A. Phillips. Population genetic evaluations within a co-distributed taxonomic group: a multi-species approach to conservation planning. *Animal Conservation*. 21:137–147.
- 40** – [‡]Baker, S. J., S. J. Beaupre, **M. J. Dreslik**, and C. A. Phillips. Variation in resting metabolic rate of the Eastern Massasauga (*Sistrurus catenatus*). Pp. 168–178 In M. J. Dreslik, W. K. Hayes, S. J. Beaupre, and S. P. Mackessy (eds), *The Biology of Rattlesnakes II*. ECO Herpetological Publishing and Distribution, Rodeo, New Mexico.

39 – Crawford, J. A., C. A. Phillips, W. E. Peterman, I. E. MacAllister, N. A. Wesslund, A. R. Kuhns, and **M. J. Dreslik**. Chytrid infection dynamics in Cricket Frogs on military and public lands in the Midwestern United States. *Journal of Fish and Wildlife Management*. 8(2):344–352.

38 – **Dreslik, M. J.**, D. B. Shepard, [‡]S. J. Baker, B. C. Jellen, and C. A. Phillips. Body size, growth and sexual size dimorphism the Eastern Massasauga (*Sistrurus catenatus*). Pp. 66–78 In M. J. Dreslik, W. K. Hayes, S. J. Beaupre, and S. P. Mackessy (eds), *The Biology of Rattlesnakes II*. ECO Herpetological Publishing and Distribution, Rodeo, New Mexico.

37 – **Dreslik, M. J.**, [‡]S. J. Baker, D. B. Wylie, D. B. Shepard, and C. A. Phillips. Temporal trends in population size and structure of the Eastern Massasauga (*Sistrurus catenatus*) in south-central Illinois. Pp. 126–136 In M. J. Dreslik, W. K. Hayes, S. J. Beaupre, and S. P. Mackessy (eds), *The Biology of Rattlesnakes II*. ECO Herpetological Publishing and Distribution, Portal, New Mexico.

36 – **Dreslik, M. J.**, D. B. Shepard, B. C. Jellen, and C. A. Phillips. Movement and Home Range of the Eastern Massasauga (*Sistrurus catenatus*) at its southern range limit. Pp. 168–178 In: M. J. Dreslik, W. K. Hayes, S. J. Beaupre, and S. P. Mackessy (eds), *The Biology of Rattlesnakes II*. ECO Herpetological Publishing and Distribution, Portal, New Mexico.

35 – Hileman, E. T., R. B. King, J. M. Adamski, T. G. Anton, R. L. Baily, S. J. Baker[‡], N. D. Bieser, T. Bell, K. M. Bissell, D. R. Bradke, H. Campa III, G. S. Casper, K. Cedar, M. D. Cross, B. A. Degregorio, M. Desjardins, **M. J. Dreslik**, et al. Climate and geographic predictors of life history variation in Eastern Massasauga (*Sistrurus catenatus*): a range-wide synthesis. *PLoS ONE*. 12(2):e0172011. doi:10.1371/journal.pone.0172011.

34 – [†]Kessler, E. J., C. A. Phillips, S. R. Ballard, and **M. J. Dreslik**. The first record of an Alligator Snapping Turtle (*Macrochelys temminckii*) in 30 years with a discussion of its significance. *Southeastern Naturalist*. 16(3):N29–N35.

33 – Stites, A. J., C. A. Taylor, **M. J. Dreslik**, and T. E. Gordon. Using randomized sampling methods to determine distribution and habitat use of *Barbicambarus simmonsi*, a rare, narrowly endemic crayfish. *American Midland Naturalist*. 177:250–222.

2016 **32** – Allender, M. C., C. A. Phillips, [‡]S. J. Baker, D. B. Wylie, A. Narotsky, and **M. J. Dreslik**. Hematology and Emergence of *Ophidiomyces* in an Eastern Massasauga (*Sistrurus catenatus*) population. *Journal of Wildlife Diseases*. 52:258–269.

31 – Baker, S. J. [‡], **M. J. Dreslik**, D. B. Wylie, and C. A. Phillips. Sources of mortality in the endangered Eastern Massasauga (*Sistrurus catenatus*) in Illinois. *Herpetological Conservation and Biology*. 11:335–343.

30 – Jaeger, C. P., M. R. Duvall, B. J. Swanson, **M. J. Dreslik**, [‡]S. J. Baker, C. A. Phillips., and R. B. King. Neutral and adaptive genetic variation in an endangered rattlesnake, the Eastern Massasauga (*Sistrurus catenatus*). *Ecology and Evolution*. 6:L3991–4003.

29 – Petersen, C., R. E. Lovich, C. A. Phillips, **M. J. Dreslik**, P. Nanjappa, and M. J. Lanoo. Prevalence and seasonality of the amphibian chytrid fungus *Batrachochytrium dendrobatidis* along widely separated longitudes across the United States. *EcoHealth*. 13:368–382.

28 – Tiemann, J. S., **M. J. Dreslik**, [‡]S. J. Baker, and C. A. Phillips. Assessment of a short-distance freshwater mussel relocation as a viable tool during bridge construction projects. *Freshwater Mollusk Biology and Conservation*. 19:80–87.

2015 **27** – Allender, M. C., S. J. Baker, D. B. Wylie, D. Loper, **M. J. Dreslik**, C. A. Phillips, C. Maddox, and E. A. Driskell. Development of snake fungal disease after experimental challenge with *Ophidiomyces ophiodiicola* in cottonmouths (*Agristostrodon piscivorus*). *PLoS ONE*. 10(10): e0140193. doi:10.1371/journal.pone.0140193.

26 – Allender, M. C., **M. J. Dreslik**, B. Patel, E. L. Luber, J. Byrd, C. A. Phillips, and J. W. Scott. Select metal and metalloid surveillance of free-ranging Eastern Box Turtles from Illinois and Tennessee (*Terrapene carolina carolina*). *Ecotoxicology*. 24:1269–1278.

25 – Taylor, S. J., J. K. Krejca, M. L. Niemiller, **M. J. Dreslik**, and C. A. Phillips. Life history and demographic differences between cave and surface populations of the Western Slimy Salamander

Plethodon albagula (Caudata: Plethodontidae) in central Texas. *Herpetological Conservation and Biology*. 10:740–752.

- 2014 24 – Banning-AnthonySamy, W. J., **M. J. Dreslik**, M. R. Douglas, N. K. Marioni, and C. A. Phillips. Reproductive ecology of an endangered turtle in a fragmented landscape. *Copeia*. 2014:437–446.
- 23 – Banning-AnthonySamy, W. J., **M. J. Dreslik**, D. Mauger, and C. A. Phillips. A preliminary assessment of habitat partitioning in a freshwater turtle community at an isolated preserve. *Copeia*. 2014:269–278.
- 2013 22 – Allender, M. C., **M. J. Dreslik**, D. B. Wylye, S. J. Wylye, J. Scott, and C. A. Phillips. Ongoing health assessment and prevalence of *Chrysosporium* in the Eastern Massasauga (*Sistrurus catenatus catenatus*). *Copeia*. 2013:97–102.
- 21 – Banning-AnthonySamy, W. J., **M. J. Dreslik**, and C. A. Phillips. Disruptive influences of drought on the activity of a freshwater turtle. *American Midland Naturalist*. 169:332–335.
- 20 – Ray, J. W., R. B. King, M. R. Duvall, J. W. Robinson, **M. J. Dreslik**, B. J. Swanson, and D. Mulkerin. mtDNA population structure in the Eastern Massasauga Rattlesnake (*Sistrurus catenatus catenatus*): implications for captive breeding. *Journal of Fish and Wildlife Management*. 4:104–113.
- 2012 19 – Jones, P. C., R. B. King, R. L. Bailey, N. D. Bieser, K. Bissell, H. Campa III, T. Crabill, M. D. Cross, B. A. DeGregorio, **M. J. Dreslik**, et al. Range-wide analysis of Eastern Massasauga survivorship. *Journal of Wildlife Management*. 76:1576–1586.
- 2011 18 – Allender, M. C., **M. J. Dreslik**, S. J. Baker, C. A. Phillips, C. Maddox, M. Delaney, and M. Kinsel. An unusual mortality event associated with *Chrysosporium* in the Eastern Massasauga (*Sistrurus catenatus catenatus*). *Emerging Infectious Diseases*. 17:2383–2384.
- 2008 17 – Aldridge, R. D., B. C. Jellen, **M. J. Dreslik**, M. C. Allender, D. B. Shepard, J. M. Cox, and C. A. Phillips. Reproductive biology of the massasauga (*Sistrurus catenatus*) from south central Illinois. Pp 403–412. In W. K. Hayes, K. R. Beaman, M. D. Cardwell, and S. P. Bush (eds.). *The Biology of the Rattlesnakes*. Loma Linda University Press, Loma Linda, California.
- 16 – Allender, M. C., M.A. Mitchell, **M. J. Dreslik**, C. A. Phillips, and V. R. Beasley. Measuring agreement and discord among hemagglutination inhibition assays against different ophidian paramyxovirus strains in the Eastern Massasauga (*Sistrurus catenatus catenatus*). *Journal of Zoo and Wildlife Medicine*. 39:358–361.
- 15 – Shepard, D. B. A. R. Kuhns, **M. J. Dreslik**, and C. A. Phillips. Roads as barriers to animal movement in fragmented landscapes. *Animal Conservation* 11:288–296.
- 14 – Dodd Jr., C. K., and **M. J. Dreslik**. Habitat disturbances differentially affect individual growth rates in a long-lived turtle. *Journal of Zoology*. 275:18–25.
- 13 – Jakubanis, J., **M. J. Dreslik**, and C. A. Phillips. Nest ecology of the Southern Two-lined Salamander (*Eurycea cirrigera*) in Eastern Illinois. *Northeastern Naturalist*. 15:131–140.
- 12 – Shepard, D. B. **M. J. Dreslik**, B. C. Jellen, and C. A. Phillips. Reptile road mortality around an oasis in the Illinois corn desert with an emphasis on the endangered Eastern Massasauga. *Copeia*. 2008:350–359.
- 11 – Readel, A. M., **M. J. Dreslik**, J. K. Warner, W. J. Banning, and C. A. Phillips. A quantitative method for sex identification in emydid turtles using secondary sexual characteristics. *Copeia*. 2008:643–647.
- 2007 10 – Jellen, B. C., D. B. Shepard, **M. J. Dreslik**, and C. A. Phillips. Male movement and body size affect mate acquisition in the Eastern Massasauga (*Sistrurus catenatus*). *Journal of Herpetology*. 41:451–457.
- 2005 9 – **Dreslik, M. J.**, A. R. Kuhns, and C. A. Phillips. Structure and composition of a southern Illinois freshwater turtle community. *Northeastern Naturalist*. 12:173–186.
- 8 – **Dreslik, M. J.**, and C. A. Phillips. Turtle communities in the upper midwest, USA. *Journal of Freshwater Ecology*. 20:149–164.

- 2004** 7 – Shepard, D. B., C. A. Phillips, **M. J. Dreslik**, and B. C. Jellen. Prey preference and diet of neonate eastern massasauga rattlesnakes (*Sistrurus catenatus catenatus*). *American Midland Naturalist*. 152:360–368.
- 2002** 6 – Phillips, C. A., J. R. Johnson, **M. J. Dreslik**, and J. E. Petzing. Effects of hydroperiod on recruitment of mole salamanders (Genus *Ambystoma*) at a temporary pond in Vermilion County, Illinois. *Transactions of the Illinois State Academy of Sciences*. 95:131–139.
- 2001** 5 – Phillips, C. A., **M. J. Dreslik**, J. R. Johnson, and J. E. Petzing. Application of population estimation to pond breeding salamanders. *Transactions of the Illinois State Academy of Sciences*. 94:111–118.
- 2000** 4 – **Dreslik, M. J.**, and A. K. Kuhns. Early season basking in the Red-Eared Slider (*Trachemys scripta*). *Transactions of the Illinois State Academy of Sciences*. 93:215–220.
- 1999** 3 – **Dreslik, M. J.** Dietary notes on the Red-Eared Slider (*Trachemys scripta*) and River Cooter (*Pseudemys concinna*) from southern Illinois. *Transactions of the Illinois State Academy of Sciences*. 92:233–241.
- 1997** 2 – **Dreslik, M. J.** Ecology of the River Cooter (*Pseudemys concinna*) in a southern Illinois flood-plain lake. *Herpetological Natural History*. 5:135–145.
- 1996** 1 – Seidel, M. E., and **M. J. Dreslik**. River Cooter (*Pseudemys concinna*). *Catalogue of American Amphibians and Reptiles*. 626:1–12.

Edited Volumes

- 2017** 1 – **Dreslik, M. J.**, W. K. Hayes, S. J. Beaupre, and S. P. Mackessy (eds), *The Biology of Rattlesnakes II*. ECO Herpetological Publishing and Distribution, Rodeo, New Mexico.

Shorter Contributions

- 2020** 7 – [‡]Baker, S. J., M. L. Niemiller, A. J. Stites, K. T. Ash, M. A. Davis, **M. J. Dreslik**, and C. A. Phillips. Detection of *Sistrurus catenatus* and *Ophidiochytes* via Environmental DNA. *Conservation Genetic Resources*. 12:13–15.
- 2007** 6 – Petzing, J. P., J. M. Mui, **M. J. Dreslik**, A. R. Kuhns, D. B. Shepard, C. A. Phillips, J. K. Tucker, J. K. Warner, D. Mauger, T. G. Anton, E. J. Gittinger, T. R. Hunkapiller, B. C. Jellen, and R. J. Cosgriff. Filling in the gaps II: new Illinois amphibian and reptile records from 2000 – 2005. *Herpetological Review*. 38:240–243.
- 2003** 5 – **Dreslik, M. J.**, A. R. Kuhns, C. A. Phillips, and B. C. Jellen. Summer movements and home range of the cooter turtle (*Pseudemys concinna*), in Illinois. *Chelonian Conservation and Biology*. 4:706–710.
- 2002** 4 – Petzing, J. E., J. M. Mui, **M. J. Dreslik**, C. A. Phillips, D. B. Shepard, J. A. Crawford, A. R. Kuhns, M. J. Meyer, T. A. Anton, E. O. Moll, J. G. Palis, and D. Mauger. Filling in the gaps I: New county records for amphibians and reptiles in Illinois. *Herpetological Review*. 33:327–330.
- 2000** 3 – Petzing, J. E., **M. J. Dreslik**, C. A. Phillips, C. D. Smith, A. R. Kuhns, D. B. Shepard, J. G. Palis, E. O. Moll, D. J. Olson, T. G. Anton, D. Mauger, and B. Kingsbury. New amphibian and reptile county records for Illinois. *Herpetological Review*. 31:189–194.
- 1998** 2 – **Dreslik, M. J.** Current status and conservation of the River Cooter (*Pseudemys concinna*) in southern Illinois. Linnaeus Fund Research Report. *Chelonian Conservation and Biology*. 3:135–137.
- 1 – Petzing, J. E., C. A. Phillips, **M. J. Dreslik**, A. K. Wilson, M. Redmer, T. G. Anton, D. Mauger, and M. J. Blanford. New amphibian and reptile records in Illinois. *Herpetological Review*. 29:179–182.

Notes

- 2018** 13 – Kuhns, A. R., C. A. Phillips, **M. J. Dreslik**, M. Corcoran, and J. A. Crawford. *AGKISTRODON PISCIVOROUS* (Cottomouth). DIET. *Herpetological Review*. 49:332–333.
- 2007** 12 – Jellen, B. C., C. A. Phillips, **M. J. Dreslik**, and D. B. Shepard. *SISTRURUS CATENATUS* (Eastern Massasauga). REPRODUCTION. *Herpetological Review*. 38:343–344.
- 11 – Baker, S. J., D. Kirk, C. E. Schmidt, and **M. J. Dreslik**. *REGINA GRAHAMII*. (Graham's Crayfish Snake). *Herpetological Review*. 38:105–106.

- 2006** **10 – Dreslik, M. J.**, and C. A. Phillips. *Clemmy guttata* (Schneider). Pp 69. In Nybörer, R. W., J. R. Herkert, and J. E. Ebinger (eds.). Endangered and threatened species of Illinois: Status and distribution, Volume 2 – Animals. Illinois Endangered Species Protection Board. Springfield, Illinois. 181 pp.
- 9 – Dreslik, M. J.**, and C. A. Phillips. *Emydoidea blandingii* (Holbrook). Pp 73. In Nybörer, R. W., J. R. Herkert, and J. E. Ebinger (eds.). Endangered and threatened species of Illinois: Status and distribution, Volume 2 – Animals. Illinois Endangered Species Protection Board. Springfield, Illinois. 181 pp.
- 8 – Dreslik, M. J.**, and C. A. Phillips. *Kinosternon flavescens* (Agassiz). Pp 77. In Nybörer, R. W., J. R. Herkert, and J. E. Ebinger (eds.). Endangered and threatened species of Illinois: Status and distribution, Volume 2 – Animals. Illinois Endangered Species Protection Board. Springfield, Illinois. 181 pp.
- 7 – Dreslik, M. J.**, and C. A. Phillips. *Macrochelys temminckii* (Harlan). Pp 78. In Nybörer, R. W., J. R. Herkert, and J. E. Ebinger (eds.). Endangered and threatened species of Illinois: Status and distribution, Volume 2 – Animals. Illinois Endangered Species Protection Board. Springfield, Illinois. 181 pp.
- 6 – Dreslik, M. J.**, and C. A. Phillips. *Pseudemys concinna* (Le Conte). Pp 82. In Nybörer, R. W., J. R. Herkert, and J. E. Ebinger (eds.). Endangered and threatened species of Illinois: Status and distribution, Volume 2 – Animals. Illinois Endangered Species Protection Board. Springfield, Illinois. 181 pp.
- 2005** **5 – Dreslik, M. J.**, and J. M. Mui. *Pseudacris crucifer crucifer* (Northern Spring Peeper): Aggressive behavior. *Herpetological Review*. 36:45.
- 2003** **4 – Anton, T. G., D. Mauger, C. A. Phillips, M. J. Dreslik, J. E. Petzing, A. R. Kuhns, and J. M. Mui.** *Clonophis kirtlandii* (Kirtland's snake): Aggregating behavior and site fidelity. *Herpetological Review*. 34:248–249.
- 3 – Shepard, D. B., M. J. Dreslik, C. A. Phillips, and B. C. Jellen.** *Sistrurus catenatus catenatus* (Eastern Massasauga): Male-Male Aggression. *Herpetological Review*. 34:155–156.
- 1997** **2 – Dreslik, M. J.** An inexpensive method for creating spaghetti tags for marking trionychid turtles. *Herpetological Review*. 28:33.
- 1 – Dreslik, M. J.** A note on the foraging behavior of *Pseudemys concinna*. *Bulletin of the Chicago Herpetological Society*. 32:105.

Book Reviews

- 2018** **1 – Dreslik, M. J.** Diamonds in the rough. A natural history of the Eastern Diamondback Rattlesnakes. *Herpetological Review*. 49:566–567.

Popular Articles/Educational Materials

- 2016** **10 – Baker, S. J., M. C. Allender, M. J. Dreslik, and C. A. Phillips.** Fungal disease threatens Illinois rattlesnakes. *Illinois Audubon*. Spring 2016.
- 2015** **9 – Baker-Wylie, S. J., M. J. Dreslik, J. S. Tiemann, S. A. Douglass, and C. A. Phillips.** Organismal studies and surveys along the Illinois Tollways. *Illinois Natural History Survey Reports* July No 413(7).
- 8 – Dreslik, M. J., Mui, J. M., and C. A. Phillips.** Reptiles of Illinois – Turtles. *Illinois Natural History Survey, Prairie Research Institute*. Card set. 16 cards.
- 7 – Dreslik, M. J., J. M. Mui, and C. A. Phillips.** Herpetofaunal surveys in northeastern Illinois sand prairies. *Illinois Natural History Survey Reports* May No. 413(5).
- 6 – Mui, J. M., M. J. Dreslik, and C. A. Phillips.** Reptiles of Illinois – Snakes and Lizards. *Illinois Natural History Survey, Prairie Research Institute*. Card set. 32 cards.
- 2014** **5 – Ross, J. P., R. D. Bluett, and M. J. Dreslik.** Spatial ecology of the Smooth Softshell Turtle (*Apalone mutica*) in the Kaskaskia River of Illinois. *Illinois Natural History Survey Reports*. August No. 412(2).
- 2013** **4 – Mui, J. M., M. J. Dreslik, and C. A. Phillips.** Amphibians of Illinois. *Illinois Natural History Survey, Prairie Research Institute*. Card set. 32 cards.

3 – Dreslik, M., and J. Mui. Chapter 10 – Herpetology. *Illinois Master Naturalist Curriculum Guide*. University of Illinois Extension, Urbana–Champaign. 20pp.

- 2000** **2 – Dreslik, M. J.**, M. J. Moore, and T. P. Wilson. From cacti to chorus frogs. *Illinois Audubon*. Spring 2000.
- 1998** **1 – Dreslik, M. J.**, E. O. Moll, C. A. Phillips, and T. P. Wilson. The endangered and threatened turtles of Illinois. *Illinois Audubon*. Winter 1997–98.

IN PRESS

In Review

In Preparation

Anthony Samy, W. J. B., **M. J. Dreslik**, S. J. Baker, M. A. Davis, M. R. Douglas, M. E. Douglas, and C. A. Phillips. Regional conservation genetics of the Eastern Massasauga (*Sistrurus catenatus*) in Illinois. **Target Journal: Copeia**.

Baker, S. J., **M. J. Dreslik**, and C. A. Phillips. Reproductive Life History, Constraints, and Trade-offs in the Eastern Massasauga (*Sistrurus catenatus*). **Target Journal: Journal of Herpetology**.

Dreslik, M. J., S. J. Baker, A. J. Stites, S. M. LaGrange, and J. A. Crawford. HSI or Direct Microhabitat Quantification as Indicators for the Abundance of an Imperiled Viper. **Target Journal: Fish and Wildlife Management**.

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- 5 –** Phillips, C. A., **M. J. Dreslik**, B. C. Jellen, and D. B. Shepard. Survey for the Massasauga at Carlyle Lake, Illinois. Report to: Illinois Department of Natural Resources, Springfield, Illinois. 24 pp.
- 1999** **4 –** Phillips, C. A., **M. J. Dreslik**, and B. C. Jellen. A survey for the Massasauga (*Sistrurus catenatus*) at South Shore State Park, Clinton County, Illinois. Report to: Illinois Department of Natural Resources, Small Projects Fund. 15 pp.
- 1997** **3 –** Phillips, C. A., J. E. Petzing, **M. J. Dreslik**, and T. Anton. A limited survey of the amphibians and reptiles of the FAP 332 (IL 394, Calumet Expressway – I-80 to IL Rt. 1) project area, Cook and Will counties, Illinois. Report to: Illinois Department of Transportation, Bureau of Environment, Springfield. Center for Biodiversity Technical Report 1997(19):1–12.
- 1996** **2 – Dreslik, M. J.**, and E. O. Moll. Conservation, potential threats, and baseline ecology of the River Cooter, *Pseudemys concinna*, in a southern Illinois backwater. Report to: Illinois Department of Natural Resources. 39 pp.
- 1994** **1 – Dreslik, M. J.**, and E. O. Moll. The status of the River Cooter (*Pseudemys concinna*) in Illinois. Report to: Illinois Department of Natural Resources. 15 pp.

PROFESSIONAL EXPERIENCE

COMMITTEE MEMBERSHIPS

- Illinois Eastern Massasauga Recovery Team, Illinois Department of Natural Resources 2005 – Present
- Herp. Technical Advisory Committee, Illinois Endangered Species Protection Board 2005 – Present
- Illinois Alligator Snapping Turtle Recovery Team, Illinois Department of Natural Resources 2008 – Present
- Illinois Blanding's Turtle Recovery Team, Illinois Department of Natural Resources 2012 – Present
- Illinois Mud Turtle Recovery Team, Illinois Department of Natural Resources 2016 – Present
- IUCN's Tortoise and Freshwater Turtle Specialist Group 2016 – Present
- IUCN's Viper Specialist Group 2016 – Present
- Prairie Research Institute's Promotion Advisory Committee 2018 – 2020

- University of Illinois' Institutional Animal Care and Use Committee

2016 – 2018

SUPERVISORY EXPERIENCE

2015 – Present	Supervised full-time staff and multiple technicians
2004 – 2014	Supervised full-time staff and up to 11 field technicians on field projects
1999 – 2003	Supervised two full-time staff
1998	Supervised three technicians (for fieldwork and in the University of Illinois Natural History Museum)
1997	Supervised one field technician

EDITORIAL EXPERIENCE

• Guest Editor – MDBI - Diversity, Rattlesnake ecology and Conservation Special Issue	2020 – Present
• Associate Editor – Herpetological Conservation and Biology	2016 – 2017, 2019 – Present
• Section Editor, Snakes – Herpetological Conservation and Biology	2017 – 2018
• Editorial Guild – Herpetological Conservation and Biology	2006 – 2017
• Assistant Editor – Amphibian and Reptile Conservation	2003 – 2006

PEER-REVIEWER

Ecological Journals. – American Midland Naturalist, Canadian Journal of Zoology, Journal of Fish and Wildlife Management, Journal of Zoology, Natural Areas Journal, Northeastern Naturalist, Southwestern Naturalist

Herpetological Journals. – Amphibian and Reptile Conservation, Chelonian Conservation and Biology, Copeia, Herpetologica, Herpetological Conservation and Biology, Herpetological Natural History, Herpetological Review, Journal of Herpetology.

PROFESSIONAL MEMBERSHIPS

American Society of Ichthyologists and Herpetologists, Chelonian Research Foundation, Herpetologists League, Society for the Study of Amphibians and Reptiles, and Turtle Survival Alliance.

ADVISEMENT EXPERIENCE

POST-DOCTORAL RESEARCH FELLOWS

FELLOW	DEGREE AWARDING INSTITUTION & DEPARTMENT	DATES
Kessler, E.J.	University of Illinois, Urbana–Champaign, Natural Resources and Environmental Sciences	6/2020 – Present
Baker, S.J.	University of Illinois, Urbana–Champaign, Natural Resources and Environmental Sciences	8/2016 – 10/2018
Warner, J.K.	University of KwaZulu–Natal (Pietermaritzburg), School of Life Sciences	6/2016 – 1/2017

GRADUATE STUDENT ADVISEMENT

MAJOR ADVISOR – DOCTORAL STUDENTS

STUDENT	TOPIC	GRAD.	AFFILIATION
Rahlin, A.A.	Behavioral and genomic climate change adaptations in avifauna		UIUC, NRES
Edmonds, D.A.	Conservation and ecology of Madagascar <i>Mantella</i> species		UIUC, NRES
Jesper, A.C.B.	Determination and use of critical hibernacula habitat in (<i>Crotalus horridus</i>)		UIUC, NRES
Kessler, E.J.	Feasibility of reintroducing the Alligator Snapping Turtle (<i>Macrochelys temminckii</i>) to Illinois	S-2020	UIUC, NRES

MAJOR ADVISOR – MASTER'S STUDENTS

STUDENT	TOPIC	GRAD.	AFFILIATION
Lorenzen, B.	Survival and recruitment in <i>Ambystoma</i>		UIUC, NRES
Sunnucks, E.	Occupancy and Size of Eastern Massasauga Populations		UIUC, NRES
Stewart, T.M.	Demography of the Kirtland's Snake (<i>Clonophis kirtlandi</i>)		UIUC, NRES
Wu, G. P.	Response of grassland snake communities to restoration		UIUC, NRES
Schrage, A. C.	Occupancy and ecology of the Rusty Patched Bumblebee (<i>Bombus affinis</i>).		UIUC, NRES
Callahan, S. A.	Phenology of breeding migrations and reproduction in <i>Ambystoma</i>		UIUC, NRES
Edmonds, D. A.	Demography of the Ornate Box Turtle (<i>Terrapene ornata</i>)	S-2020	UIUC, NRES

Feng, C. Y.	Demography and viability of the Spotted Turtle (<i>Clemmys guttata</i>)	S-2018	UIUC, NRES
Ross, J. P.	Spatial, population and community ecology of the Smooth Softshell Turtle (<i>Apalone mutica</i>) in the Kaskaskia River, Illinois	S-2016	UIUC, NRES

GRADUATE COMMITTEE MEMBER – MASTER'S STUDENTS

STUDENT	TOPIC	GRAD.	AFFILIATION
Bieber, J.F., Jr.	Spatial and thermal ecology of Muskellunge		UIUC, NRES
Johnson, A.	Life history and ecology of the Alligator Snapping Turtle (<i>Macrochelys temminckii</i>)	F-2020	ULM, Biology
Townsend, C.	Spatial ecology of head-started Alligator Snapping Turtles (<i>Macrochelys temminckii</i>)	S-2016	ULM, Biology
Rhoden, C. M.	The use of right-of-ways by primary burrowing crayfish in the Ouachita Mountains ecoregion of Arkansas	S-2016	UIUC, NRES
Stites, A. J.	Habitat, Distribution, and diet of the Tennessee Bottlebrush Crayfish (<i>Barbicambarus simmonsi</i>)	F-2014	UIUC, NRES

UNDERGRADUATE STUDENT RESEARCH PROJECTS

STUDENT	TOPIC	DATE	AFFILIATION
Dec, A.	Effects of herbicide on eDNA halflives	F-2020	UIUC, IB
Menke, R. L.	Seasonal eDNA assessments for the Mudpuppy, <i>Necturus maculosus</i> .	F-2019 – S-2020	UIUC, NRES
Hunkapiller, T. R.	Reproduction, Population Dynamics, and Spatial Biology of the Wood Frog (<i>Rana sylvatica</i>)	S-2004	UIUC, IB
Warner, J. K.	Cohort Specific Growth in the Eastern River Cooter (<i>Pseudemys concinna</i>)	S-2002	UIUC, NRES
Jellen, B. C.	Home range and Movement in the Eastern River Cooter (<i>Pseudemys concinna</i>).	Su-1999	UIUC, EEE
Kuhns, A. R.	Early season basking in the red-eared slider (<i>Trachemys scripta</i>).	Su-1998	UIUC, EEE

GRANTS AND CONTRACTS, SCHOLARSHIPS, OFFICES, AND ACADEMIC AWARDS

GRANTS AND CONTRACTS

Arkansas State Wildlife Grant Program (\$65,251)

- 2013 Habitat requirements, occupancy estimations and status of primary burrowing crayfishes in southwestern Arkansas. (\$65,251). P.I. – C. A. Taylor

Chelonian Research Foundation, Linneaus Fund (\$1,000)

- 1997 Reproductive ecology, home range, and dispersal of the River Cooter, *Pseudemys concinna*, from Illinois. (\$1,000). P.I. – **M. J. Dreslik**

Chicago Wilderness (\$14,982)

- 2005 Ecology of the threatened Blanding's Turtle, *Emydoidea blandingii*, in the Chicago Wilderness Area. (\$14,982). P.I. – A. R. Kuhns

Eastern Illinois University Council on Faculty Research (\$600)

- 1994 Community relationships of freshwater turtles from a southern Illinois backwater of the Ohio River. (\$600). P.I. – E. O. Moll

Eastern Illinois Honors Program, Undergraduate Research Award (\$750)

- 1993 Population ecology of the state endangered River Cooter, *Pseudemys concinna*. (\$750). P.I. – **M. J. Dreslik**

Forest Preserve District of DuPage County (\$36,600)

- 2019 Demographic monitoring of Blanding's Turtles (*Emydoidea blandingii*) at Pratt's Wayne Woods Forest Preserve. Co-investigated with J. P. Ross (\$11,850). P.I. – J. P. Ross

- 2018 Demographic monitoring of Blanding's Turtles (*Emydoidea blandingii*) at Pratt's Wayne Woods Forest Preserve. Co-investigated with J. P. Ross and H. A. White (\$11,889). P.I. – J. P. Ross

- 2017 Demographic monitoring of Blanding's Turtles (*Emydoidea blandingii*) at Pratt's Wayne Woods Forest Preserve. Co-investigated with Dr. S. J. Baker (\$12,861). P.I. – **M. J. Dreslik**

Forest Preserve District of Will County (\$191,927)

- 2017** Surveys for the Blanding's Turtle (*Emydoidea blandingii*) in the Lower Rock Run Creek preserve system. Co-investigated with S. J. Baker (\$29,793). P.I. – **M. J. Dreslik**
- Assessment of *Eryngium* Stem Borer Moth status in Will County Sand Preserves. Co-investigated with J. Wiker (\$19,204). P.I. – **M. J. Dreslik**
- 2012** Herpetological communities of Kankakee sand prairie preserves in Will County, Illinois. Coinvestigated with J. M. Mui and C. A. Phillips (\$27,911). P.I. – **M. J. Dreslik**
- 2007** Framework for a Final Phase of Spotted Turtle Research at Romeoville Prairie Nature Preserve in 2007. Co-investigated with W. J. Banning. (\$37,958). P.I. – **M. J. Dreslik**
- 2006** Role of the Blanding's Turtle in the freshwater turtle community at Lockport Prairie Nature Preserve, Will County, Illinois. Co-investigated with W. J. Banning. (\$32,561). P.I. – **M. J. Dreslik**
- 2005** Continued study of the ecology of the freshwater turtle community at Lockport Prairie Nature Preserve: with special emphasis on the Blanding's Turtle (*Emydoidea blandingii*). Co-investigated with C. A. Phillips and W. J. Banning. (\$25,000). P.I. – **M. J. Dreslik**
- 2004** Chelonian community composition of Lockport Prairie North with an emphasis on the ecology of the state endangered Blanding's Turtle (*Emydoidea blandingii*). Co-investigated with C. A. Phillips. (\$19,500). P.I. – **M. J. Dreslik**

Illinois Department of Natural Resources, Division of Resource Conservation (\$49,440)

- 2020** Population genetics of the rattlesnake-master brer moth (*Papaipema eryngii*). Co-investigated with D. B. Shepard, J. A. Crawford, J. Wiker, and T. Esker. (Total – \$10,024). P.I. – **M. J. Dreslik**
- 2015** Surveys for the Spotted Turtle and Blanding's Turtle in the Des Plaines River Valley. Coinvestigated with Christina Feng and C. A. Phillips. (\$19,953). P.I. – **M. J. Dreslik**
- 2013** Phase one assessment of the genetic health of the Eastern Massasauga (*Sistrurus catenatus*) in Clinton County, Illinois. Co-investigated with M. R. Douglas, C. A. Phillips, S. J. Wylie, and W. J. Banning-Anthonysamy. (\$14,267). P.I. – **M. J. Dreslik**
- 2005** Ecology of the Eastern Massasauga Rattlesnake (*Sistrurus catenatus catenatus*) at Carlyle Lake, Clinton County, Illinois. Co-investigated and written with C. A. Phillips. (\$5,200). P.I. – **M. J. Dreslik**

Illinois Department of Natural Resources, Wildlife Preservation Fund, Large Project (36,421)

- 2009** Survey for the Eastern Massasauga at Carlyle Lake: Year 12. Co-investigated with S. J. Baker. (\$9,795). P.I. – **M. J. Dreslik**
- 2006** Conservation genetics of the Eastern Massasauga from the Carlyle Lake, Clinton County, Illinois, region. Co-investigated with R. King and J. Robinson of Northern Illinois University. (\$12,806). P.I. – **M. J. Dreslik**
- 2005** Spatial ecology of the Blanding's Turtle (*Emydoidea blandingii*) at Lockport Prairie Nature Preserve, Will County, Illinois. Co-investigated with C. A. Phillips and W. J. Banning. (\$6,820). P.I. – **M. J. Dreslik**
- 2004** Aspects of the ecology of the Blanding's turtle (*Emydoidea blandingii*) at Lockport Prairie Nature Preserve. (\$7,000). P.I. – **M. J. Dreslik**

Illinois Department of Natural Resources, Wildlife Preservation Fund, Small Project Fund (\$11,340)

- 2011** Preparation of Eastern Massasauga tissues for genetic analysis. (\$1,683). P.I. – **M. J. Dreslik**
- 2007** Ecophysiology of the Eastern Massasauga (*Sistrurus c. catenatus*). Co-investigated with S. J. Baker. (\$2,000). P.I. – **M. J. Dreslik**
- 2006** Continued monitoring of the River Cooter, *Pseudemys concinna* population in southeastern Gallatin County, Illinois. (\$1,733). P.I. – **M. J. Dreslik**
- 2004** Continued monitoring of the Eastern River Cooter (*Pseudemys concinna*) in southeastern Gallatin County, Illinois. (\$1,000). P.I. – **M. J. Dreslik**

- 2002** Thermal and behavioral relationships in the Eastern Massasauga Rattlesnake. (\$1,000). P.I. – **M. J. Dreslik**
- 2001** Cohort-specific growth and survival in the River Cooter (*Pseudemys concinna*). (\$1,000). P.I. – **M. J. Dreslik**
- 1998** Reproductive ecology, home range, and dispersal of the River Cooter, *Pseudemys concinna*, from Illinois. (\$924). P.I. – **M. J. Dreslik**
- 1996** Reproductive ecology, home range and dispersal of the River Cooter, *Pseudemys concinna*, from Illinois. (\$1,000). P.I. – **M. J. Dreslik**
- 1995** Status and community relationships of *Pseudemys concinna* in Gallatin County, Illinois. (\$1,000). P.I. – **M. J. Dreslik**

Illinois Endangered Species Protection Board (\$28,509)

- 2007** Spatial ecology and over-winter survival of neonate Eastern Massasauga rattlesnakes (*Sistrurus catenatus catenatus*) at Carlyle Lake. Co-investigated with S. J. Baker. (\$13,191). P.I. – **M. J. Dreslik**
- 2007** Population size and genetics of the Blanding's Turtle at Goose Lake State Natural Area Grundy County, Illinois – Year 1. Co-investigated with W. J. Banning. (\$8,318). P.I. – **M. J. Dreslik**
- 1997** Reproductive ecology, home range, and dispersal of the River Cooter, *Pseudemys concinna*, from Illinois. (\$4,000). P.I. – **M. J. Dreslik**
- 1993** Status of the River Cooter, *Pseudemys concinna*, in the Illinois backwaters of the Wabash and Ohio Rivers. Co-investigated with E. O. Moll. (\$3,000). P.I. – **M. J. Dreslik**

Illinois State Toll Highway Authority (\$9,412,268)

- 2015** Biological monitoring associated with Illinois Tollway construction activities (2015 – 2019). Coinvestigated with C. A. Phillips and J. B. Taft. (\$7,979.903). P.I. – **M. J. Dreslik**
- 2014** Biological monitoring associated with Illinois Tollway construction activities (Quarters 1 & 2 of 2015). Co-investigated with C. A. Phillips and J. B. Taft. (\$596,450). P.I. – **M. J. Dreslik**
- 2013** Biological monitoring associated with Illinois Toll Highway construction activities (Year 10 – 2014). Co-investigated with C. A. Phillips and J. B. Taft. (\$305,950). P.I. – C. A. Phillips
- 2012** Biological monitoring associated with Illinois Toll Highway construction activities (Year 9 – 2013). Co-investigated with C. A. Phillips and J. B. Taft. (\$300,000). P.I. – C. A. Phillips
- 2011** 2012 Proposal for biological monitoring associated with Illinois Toll Highway construction activities. Co-investigated with C. A. Phillips and J. B. Taft. (\$229,965). P.I. – C. A. Phillips

Indiana Department of Natural Resources (\$98,351)

- 2019** Environmental DNA Surveys for the Alligator Snapping Turtle (*Macrochelys temminckii*) in Southwestern Indiana. Co-investigated with E. J. Kessler. (\$93,851). P.I. – E. J. Kessler

Louisiana Department of Wildlife and Fisheries (\$121,191)

- 2018** Coordinated surveys for Alligator Snapping Turtles in Louisiana. Co-investigated with J. L. Carr (\$80,000). P.I. – J. L. Carr.
- Coordinated surveys for Alligator Snapping Turtles in Louisiana –2. Co-investigated with J. L. Carr (\$41,191). P.I. – J. L. Carr.

Morton Arboretum (\$8,000)

- 2019** Bat Inventory & Monitoring at The Morton Arboretum. Co-investigated with T. C. Hohoff and M. A. Davis. (\$8,000). P.I. – T. C. Hohoff.

The Nature Conservancy (\$24,000)

- 2017** Surveying for the Alligator Snapping Turtle in the Patoka and White River watersheds of Indiana. Co-investigated with E. J. Kessler (\$24,000). P.I. – E. J. Kessler

Texas Comptroller of Public Accounts (\$3,154)

- 2016 Assessment of a species distribution model for the Spot-Tailed Lizard (*Holbrookia lacerta*) in Texas. Co-investigated with M. L. Niemiller, and M. A. Davis. (\$3,154). P.I. – M. L. Niemiller

United States Environmental Protection Agency (\$134,324)

- 2019 Improving detection of cryptic forested wetlands with LiDAR derivatives. Co-investigated with J. A. Crawford, E. J. Kessler, and A. R. Kuhns. (\$134,324). P.I. – J. A. Crawford.

United States Fish and Wildlife Service, Discretionary Funds (\$20,000)

- 2004 Field Surveys for the Eastern Massasauga Rattlesnake (*Sistrurus catenatus*) in southern Cook and northern Will counties, Illinois. Co-investigated with C. A. Phillips. (\$20,000). P.I. – C. A. Phillips

United States Fish and Wildlife Service, Section 6 Funds (\$231,972)

- 2015 Conservation genetics of the Eastern Massasauga (*Sistrurus catenatus*) in Illinois. Co-investigated with W. J. B. Anthonysamy, S. J. Baker, M. A. Davis, and C. A. Phillips (\$31,177). P.I. – **M. J. Dreslik**
- 2012 Detection of *Chrysosporium* and an assessment of neonate survival in the Eastern Massasauga. Co-investigated with M. C. Allender and C. A. Phillips (\$25,715). P.I. – **M. J. Dreslik**
- 2010 Prevalence of *Chrysosporium* in the Eastern Massasauga using a wildlife health epidemiologic approach. Co-investigated with M. C. Allender, C. A. Phillips, and S. J. Baker. (\$12,830). P.I. – **M. J. Dreslik**
- 2009 Feasibility of Reintroduction and Translocation of Neonate Eastern Massasauga Rattlesnakes as a Tool for Population Recovery (Year 1). Co-investigated with S. J. Baker. (\$11,250). P.I. – **M. J. Dreslik**
- 2007 Assessment of habitat restoration on the Eastern Massasauga at Carlyle Lake: Year 2 Post-Restoration Monitoring. Co-investigated with S. J. Baker. (\$28,000). P.I. – **M. J. Dreslik**
- 2006 Assessment of habitat restoration on the Eastern Massasauga at Carlyle Lake. Co-investigated with C. A. Phillips. (\$46,000). P.I. – **M. J. Dreslik**
- 2003 Ecology and conservation of the eastern Eastern Massasauga Rattlesnake, *Sistrurus c. catenatus*, at Carlyle Lake, Illinois. Co-investigated with C. A. Phillips. (\$34,000). P.I. – **M. J. Dreslik**
- 2002 Ecology and conservation of the Eastern Massasauga Rattlesnake, *Sistrurus c. catenatus*, at Carlyle Lake, Illinois. Co-investigated with C. A. Phillips and D. B. Shepard. (\$43,000). P.I. – C. A. Phillips

United States Fish and Wildlife Service, State Wildlife Grants, State Awards (\$1,710,851)

- 2020 Status assessment of odonates in Illinois. Co-investigated with J. A. Crawford, E. E. Bilger, and E. J. Kessler. (\$300,000) P.I. – J. A. Crawford.
Supplemental funds: Critical conservation issues and adaptive management of imperiled herpetofauna in Illinois. Co-investigated with C. A. Phillips, A. R. Kuhns, J. A. Crawford, J. K. Warner, and E. J. Kessler. (\$59,867). P.I. – **M. J. Dreslik**
- 2019 Demography of two salamander species in conservation need. Co-investigated with A. R. Kuhns, J. A. Crawford, and C. A. Phillips. (\$117,298). P.I. – A. R. Kuhns.
Assessing the status of key Blanding's Turtle populations. Co-investigated with J. A. Crawford. (\$158,049). P.I. – **M. J. Dreslik**.
- Population demography of Bird-voiced Treefrogs in southern Illinois. Co-investigated with J. A. Crawford, M. J. Corcoran, A. R. Kuhns, and C. A. Phillips. (\$179,460). P.I. – J. A. Crawford.
- Long-term conservation planning for the Eastern Massasauga (*Sistrurus catenatus*). Co-investigated with J. A. Crawford and S. M. LaGrange. (\$145,113). P.I. – **M. J. Dreslik**

Patch occupancy and host plant effects of the *Eryngium* stem borer moth (*Papiapema eryngii*) in a managed landscape. Co-investigated with B. Molano-Flores, J. M. Mui, and J. R. Wiker. (\$35,000). P.I. – **M. J. Dreslik**

- 2018** Conservation actions for dragonfly, fish, and reptile species in greatest conservation need. Co-investigated with J. A. Crawford, Dr. S. J. Baker, E. E. Bilger, A. R. Kuhns, M. L. Niemiler, C. A. Phillips, J. L. Sherwood, and A. J. Stites. (\$310,000). P.I. – **M. J. Dreslik**
- 2017** Critical conservation issues and adaptive management of imperiled herpetofauna in Illinois. Co-investigated with C. A. Phillips, A. R. Kuhns, J. A. Crawford, J. K. Warner, and E. J. Kessler. (\$296,064). P.I. – **M. J. Dreslik**
- 2013** Ecology of the Smooth Softshell in the Kaskaskia River: implications for managing flows in an altered system. Co-investigated with R. Bluett. (\$110,000). P.I. – **M. J. Dreslik**

United States Fish and Wildlife Service, State Wildlife Grants, Competitive (\$1,242,571)

- 2015** Eastern Massasauga conservation through refined modeling, habitat management, and species detection. Co-investigated with the Michigan Department of Natural Resource, Illinois Department of Natural Resources, C. A. Phillips and S. J. Baker-Wylie. (Total – \$743,253, IL – \$119,026). P.I. – **M. J. Dreslik**
- 2014** Recovery of the Alligator Snapping Turtle (*Macrochelys temminckii*) in the Mississippi River Valley Drainages of Southern Illinois, Oklahoma & Louisiana. Co-investigated with S. Ballard (IL), D. Ligon, (MO), and J. L. Carr (LA). (Total – \$499,318, IL – \$288,174). P.I. – **M. J. Dreslik**

ASSISTANTSHIPS

Eastern Illinois University – Department of Zoology

- Graduate Teaching Assistantship 1994 – 1996
Graduate Research Assistantship Summer 1995

Illinois Natural History Survey – Center for Biodiversity

- Graduate Research Assistantship 1997 – 2004

University of Illinois – Department of Animal Biology

- Graduate Teaching Assistantship Spring 2000 and Spring 2002

University of Illinois – Department of Natural Resources and Environmental Sciences

- Graduate Research Assistantship 1998 – 1999

OFFICES AND AWARDS

- 2001** **Award:** Program in Ecology and Evolutionary Biology travel award for speaking at the Illinois State Academy of Sciences meeting in Macomb, Illinois, USA. (\$150)
- 1996** **Award:** Larry Williams Graduate Student Travel Award to speak at the 39th annual meeting of the Society for the Study of Amphibians and Reptiles in Lawrence, Kansas, USA. (\$60)
- 1992** **Award:** Membership into Phi Theta Kappa, an international honors society for junior colleges.
Award: Who's Who in American Junior Colleges.
Award: Dean's list, similar publication to the Who's Who award.
- 1991** **Office:** Served as Student Senate President at Lake Land Community College, Mattoon, Illinois.

TEACHING EXPERIENCE

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Fall 2020

Lead instructor for NRES 512 Introduction to R Programming, co-instructors - Dr. Auriel Fourneir, Dr. James T. Lamer, Dr. Ethan J. Kessler
Responsibilities: I created the overall curriculum and co-taught the lecture portion (I did the first half of the course). The course's goal was to introduce graduate students to basic programming in R from data handling, graphing, basic data quality analyses, and, briefly, the use of R for GIS. Topics I lectured on were the fundamentals of programming in R and how to handle data within.

Spring 2008, 2010

Co-instructor with Dr. C. A. Phillips for SIB 464 Herpetology
Responsibilities: I co-taught the lecture portion of the herpetology course. Topics I lectured on were reproductive biology, parental care, behavioral ecology, population dynamics, predator-prey relationships, and reptile conservation. I was responsible for constructing the lectures, exams, and organization for the course.

Spring 2000 & 2002

Graduate Teaching Assistant for EEE 338 Herpetology

Responsibilities: I co-taught labs of amphibian and reptile identification and natural history dealing with the species occurring in Illinois, the genera of the United States, and the families of the world. We were responsible for maintaining the teaching collection, preparing labs and exams, and conducting field trips.
Adjunct Associate Professor: Dr. C. A. Phillips

OLNEY CENTRAL COLLEGE

Summer 1997

Part-Time Biology Instructor.

Responsibilities: I taught two introductory Biology courses and their associated labs. Topics covered in class were cellular physiology, introductory genetics, and basic ecology.

EASTERN ILLINOIS UNIVERSITY

1994 – 1996

Graduate Teaching Assistant for Herpetology and Vertebrate Natural History.

Responsibilities: I prepared labs and lab exams and organized and facilitated field trips. In Herpetology, I aided in labs that included reptile and amphibian osteology, reproduction, and identification. In Vertebrate Natural History, I aided in labs that were directed toward the identification of Illinois fish, amphibians, reptiles, birds, and mammals. Professor: Dr. E. O. Moll

Graduate Teaching Assistant for Freshwater Ecology

Responsibilities: I helped prepare labs, field trips, and field labs. Subjects included species identifications, sampling techniques, measurements in aquatic systems, and some water chemistry analysis. Instructor: Mr. H. A. Nielson

Graduate Teaching Assistant for Embryology (5 total sections)

Responsibilities: I assisted in lab preparations on starfish, frog, chicken, and pig embryology and conducted night labs and review sessions. I aided the students in identifying major structures in each organism's development. Professor: Dr. W. James

COLLECTIONS EXPERIENCE

**1996 –
2006**

University of Illinois Museum of Natural History (UIMNH)

Responsibilities: I assisted the collections curator (Dr. C. A. Phillips) in curation and management of the collection. Work included the supervision of three undergraduate workers during a major refit of the collection by updating taxonomy, reorganizing, and inventorying specimens. The collection is currently inactive and comprises 99,000+ specimens.

University of Illinois Herpetological Teaching Collection

Responsibilities: I co-manage the collection under the curator Dr. C. A. Phillips. My tasks range from organization to the assimilation of new specimens. This collection is used by the UI herpetology course as a teaching aid and comprises 1,000+ specimens.

Illinois Natural History Survey Herpetology Collection (INHS)

Responsibilities: I aid the curator (Dr. C. A. Phillips) in daily routines and maintenance of the collection. I also collect specimens throughout Illinois to determine the extent of their range in Illinois. The collection currently comprises 29,000+ specimens.

**1994 –
1996**

Eastern Illinois University Herpetology Teaching Collection

Responsibilities: I managed the collection under the curator Dr. E. O. Moll. My tasks ranged from organization to assimilation of new specimens. This collection is used in the EIU herpetology course as a teaching aid and comprises 800+ specimens.

1995

Eastern Illinois University Freshwater Ecology Teaching Collection

Responsibilities: I managed the collection under the curator Mr. H. A. Nielson. My tasks ranged from organization to assimilation of new specimens. This collection is used in the EIU herpetology course as a teaching aid and comprises 750+ specimens, including vertebrates and invertebrates.

COMMUNICATION AND OUTREACH EXPERIENCE

WORKSHOPS AND SYMPOSIA ORGANIZED

2008 East-Central Illinois Eastern Massasauga Workshop at the Illinois Natural History Survey. February 22nd, Illinois Natural History Survey, Champaign, Illinois. I organized a daylong symposium to familiarize wildlife managers on the biological, human dimensions, and conservation information about the

Massasauga. I was responsible for coordinating the entire workshop, organizing and inviting participants, establishing the list of speakers, and giving three presentations.

WORKSHOPS ATTENDED

- 2016** Blanding's & Wood Turtle Conservation Symposium, Massachusetts Department of Natural Resources, Westborough, Massachusetts.
- 2013** Modelling patterns of species occurrence, University of New Mexico, Albuquerque, New Mexico.
- 2010** Chicago Wilderness Blanding's Turtle Workshop, Chicago Zoological Society/Brookfield Zoo, February 4th, Brookfield, Illinois.
- 2008** Ten-year status assessment for the Eastern Massasauga, United States Fish and Wildlife Service, November 12th – 14th, Detroit, Michigan.
- 2007** Reintroductions and translocations of wildlife: challenges and strategies for wildlife managers, a workshop. January 17th – 18th, Lincoln Park Zoo, Lincoln Park, Illinois.

PRESENTATIONS

Invited Speaker

- 2019** **22 – Spotted, Blanding's, and Wood Turtle Conservation Symposium, Berkeley Springs, West Virginia.** Rapid demographic assessments for freshwater turtles: filling in data deficiencies. (Co-authors: E. J. Kessler, K. A. Buhlmann, and P. P. VanDijk)
- 2017** **21 – Eastern Massasauga Conservation and Coordination Meeting, Carlyle, Illinois.** Status of the Eastern Massasauga in Illinois.
- 2016** **20 – Blanding's & Wood Turtle Conservation Symposium, Westborough, Massachusetts.** Blanding's Turtle conservation and management in Illinois.
- 2015** **19 – Annual IDNR Division of Natural Heritage Retreat, Springfield, Illinois.** Controlled burning and amphibians and reptiles – a hot topic.
- 2013** **18 – Midwest Herpetological Symposium, Peoria, Illinois.** Ecology and conservation of the Eastern Massasauga through long-term study.
- 2011** **17 – Biology of the Rattlesnakes Symposium, Tucson, Arizona.** Demography and life history of the Eastern Massasauga: long-term study at the southern range limit.
- 2010** **16 – Chicago Wilderness Blanding's Turtle Workshop, Brookfield Zoo, Brookfield, Illinois.** Population Biology of *Emydoidea blandingii*: Challenges for Conservation.
- 2008** **15 – United States Fish and Wildlife Service: Ten-year status assessment of the Eastern Massasauga, East Lansing, Michigan.** The Massasauga Saga: Summary of the Biology of *Sistrurus catenatus*. (Co-presented with Richard Seigel and Bruce Kingsbury.)
- 14 – Meeting of Michigan Eastern Massasauga Working Group, East Lansing, Michigan.** Population viability and demography of the Eastern Massasauga: a risk assessment.
- 2007** **13 – Reintroduction and translocations of wildlife: challenges and strategies for wildlife managers, a workshop, Lincoln Park Zoo, Chicago, Illinois.** Monitoring turtles and snakes: methods, considerations, and uses.
- 2006** **12 – Illinois State Museum Seminar Series, Springfield, Illinois.** Ecology and conservation of the Eastern Massasauga (*Sistrurus catenatus*).
- 2005** **11 – 66th Annual Midwest Fish and Wildlife Conference, Amphibian and Reptile Conservation Symposium, Grand Rapids, Michigan.** A turtle's pace: Conservation strategies for Midwestern turtle species. Co-authored with W. J. Banning and C. A. Phillips.
- 2004** **10 – 3rd Annual Illinois Wilds Institute for Nature – Reptiles and Amphibians, Cache River, Illinois.** Life history and ecology of the Eastern Massasauga.

- 9 – Champaign Area Society of Herpetoculturists, Champaign, Illinois.** An ecological portrait of a critically imperiled species: The Eastern Massasauga (*Sistrurus c. catenatus*) in Illinois.
- 2003 8 – Central Illinois Herpetological Society, Peoria, Illinois.** An ecological portrait of a critically imperiled species: The Eastern Massasauga (*Sistrurus c. catenatus*) in Illinois.
- 7 – Central Illinois Prairie Conference, Champaign, Illinois.** An ecological portrait of a critically imperiled species: The Eastern Massasauga (*Sistrurus c. catenatus*) in Illinois.
- 2002 6 – Department of Biology, Southern Illinois University, Edwardsville, Illinois.** Spatial dynamics of the Eastern Massasauga rattlesnake, *Sistrurus c. catenatus* and their application to reserve design and conservation.
- 5 – Chicago Herpetological Society.** Natural history of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.
- 2001 4 – Herpetology Group, George Washington University, St. Louis, Missouri.** Conservation and ecology of the Eastern Massasauga rattlesnake (*Sistrurus catenatus catenatus*) at Carlyle Lake. Co-presented with Dr. C. A. Phillips, D. B. Shepard, and B. C. Jellen.
- 2000 3 – Department of Ecology, Ethology, and Evolution – Eco-lunch, University of Illinois, Urbana-Champaign, Illinois.** Evidence of ontogenetic dimorphism in the chelonian shell.
- 1998 2 – 99th meeting of the Illinois Endangered Species Protection Board, Springfield, Illinois.** Ecology of the River Cooter, *Pseudemys concinna*, from a southern Illinois flood-plain lake.
- 1 – Department of Ecology, Ethology, and Evolution – Eco-lunch, University of Illinois, Urbana-Champaign, Illinois.** Growth modeling in turtles: assumption reduction and further advances.

Contributed Papers

- 2019 Turtle Survival Alliance, Tucson, Arizona.**
29 – Rapid demographic assessments for freshwater turtles: filling in data deficiencies. Co-authored with E. J. Kessler, J. P. Ross, K. A. Buhlmann, and P. P. van Dijk.
- 79TH Annual Midwest Fish and Wildlife Conference, Cleveland, Ohio**
28 – Monitoring Eastern Massasauga Populations within the Carlyle Lake region. Co-authored with J. A. Crawford, S. J. Baker, and C. A. Phillips.
- 2018 Venomous Herpetology Symposium, Miami, Florida.**
27 – Factors affecting the movements of Timber Rattlesnakes (*Crotalus horridus*) from the mid-Atlantic coastal plain. Co-authored with C. E. Petersen, S. M. Goetz, J. D. Kleopfer, and A. H. Savitzky.
- Turtle Survival Alliance, Fort Worth, Texas.**
26 – Mortality is too damn high: challenges of Alligator Snapping Turtle (*Macrochelys temminckii*) translocations. Co-authored with E. J. Kessler, J. L. Carr, D. B. Ligon, and S. Ballard.
- 2017 Biology of Snake 2017 Conference, Rodeo, New Mexico.**
25 – Spatial ecology of the Timber Rattlesnake (*Crotalus horridus*) from the mid-Atlantic coastal plain. Co-authored with C. E. Petersen, S. M. Goetz, J. D. Kleopfer, and A. H. Savitzky.
- 24 – Detection probability and capture yield of an imperiled species. Co-authored with J. A. Crawford, S. J. Baker, W. E. Peterman, and C. A. Phillips.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Austin, Texas.**
23 – Factors affecting the movements of Timber Rattlesnakes (*Crotalus horridus*) from the mid-Atlantic coastal plain. Co-authored with C. E. Petersen, S. M. Goetz, J. D. Kleopfer, and A. H. Savitzky.
- 2016 Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, New Orleans, Louisiana.**
22 – Factors affecting the detection probability and capture yield of an imperiled species. Co-authored with J. A. Crawford, S. J. Baker, W. E. Peterman, and C. A. Phillips.
- 76th Midwest Fish and Wildlife Conference, Grand Rapids, Michigan**

- 21** – Factors affecting the detection probability and capture yield of an imperiled species. Co-authored with J. A. Crawford, S. J. Baker, W. E. Peterman, and C. A. Phillips.
- 2014** **20 – Biology of the Pitvipers 2, Symposium, Tulsa, Oklahoma**
Life in a mosaic: survival and reproduction of an Eastern Massasauga population (*Sistrurus catenatus*) isolated within an agricultural landscape. Co-authored with M. A. Davis, S. J. Wylie, and C. A. Phillips.
- 2011** **71st Midwest Fish and Wildlife Conference, Minneapolis, Minnesota**
19 – Population dynamics of the Eastern Massasauga from a 12-year study.
- 2006** **67th Midwest Fish and Wildlife Conference, Omaha, Nebraska.**
18 – Demography and viability of the Eastern Massasauga (*Sistrurus catenatus*) in Illinois. Co-authored with S. J. Baker and C. A. Phillips.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, New Orleans, Louisiana.**
17 – Demography and viability of the Eastern Massasauga rattlesnake (*Sistrurus catenatus*) at Carlyle Lake. Co-authored with C. A. Phillips, D. B. Shepard, and B. C. Jellen.
- 2005** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Tampa, Florida.**
16 – Demographic trends of the River Cooter (*Pseudemys concinna*) over a decade of monitoring. Co-authored with A. R. Kuhns and C. A. Phillips.
- 2004** **65th Annual Midwest Fish and Wildlife Conference, Indianapolis Indiana.**
15 – Spatial ecology of the Eastern Massasauga from the southern range limit. Co-authored with C. A. Phillips and D. B. Shepard.
- 31st Natural Areas Conference, Chicago, Illinois.**
14 – Home range and movement of the Eastern Massasauga from the Carlyle Lake region. Co-authored with C. A. Phillips and D. B. Shepard.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, University of Oklahoma, Norman, Oklahoma.**
13 – Growth and sexual size dimorphism of the Eastern Massasauga (*Sistrurus c. catenatus*) from its southern range limit. Co-authored with C. A. Phillips, D. B. Shepard, and B. C. Jellen.
- 4th Snake Ecology Group Meeting, Touch of Nature Environmental Center, Carbondale, Illinois.**
12 – Seasonality in the movement patterns of a North American viper (*Sistrurus c. catenatus*). Co-authored with D. B. Shepard, C. A. Phillips, and B. C. Jellen.
- 2002** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Kansas City, Missouri.**
11 – Thermal and behavioral relationships of the Eastern Massasauga rattlesnake (*Sistrurus c. catenatus*). Co-authored with: C. A. Phillips, B. C. Jellen, and D. B. Shepard.
- 2001** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Indianapolis, Indiana.**
10 – Microhabitat characteristics of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*, at the Southern Range Limit. Co-authored with: C. A. Phillips, D. B. Shepard, and B. C. Jellen.
- Illinois State Academy of Sciences, Macomb, Illinois.**
9 – Home range and movement in the Eastern Massasauga rattlesnake, *Sistrurus catenatus catenatus*. Co-authored with: C. A. Phillips, D. B. Shepard, and B. C. Jellen.
- 8** – Microhabitat characteristics of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*, at the Southern Range Limit. Co-authored with: C. A. Phillips, B. C. Jellen, and D. B. Shepard.
- 2000** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, La Paz, Mexico.**
7 – Application of population estimation to pond breeding salamanders. Co-authored with: C. A. Phillips, J. A. Johnson, and J. E. Petzing.
- 1999** **Illinois Chapter of the Wildlife Society, Allerton Park, Illinois.**

6 – Geographic comparisons of Illinois chelonian communities.

- 1998** **18th Annual Midwest Ecology and Evolution Conference, Charleston, Illinois.**
5 – Dietary notes on the Red-Eared Slider (*Trachemys scripta*) and River Cooter (*Pseudemys concinna*) from Southern Illinois.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Guelph, Ontario.**
4 – Modeling organismal growth in turtle populations: assumption validation and practicality. Co-authored with L. P. Comerford.
- 1997** **Illinois Chapter of the Wildlife Society, Collinsville, Illinois.**
3 – Ecology of the River Cooter, *Pseudemys concinna*, from a southern Illinois flood-plain lake.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Seattle, Washington.**
2 – Geographic comparisons of Illinois chelonian communities. Co-authored with E. O. Moll.
- 1996** **1 – Society for the Study of Amphibians and Reptiles, Lawrence, Kansas.** Some aspects of River Cooter, *Pseudemys concinna*, ecology from a southern Illinois backwater.
- Posters**
- 2020** **Midwest Fish and Wildlife Conference, Springfield, Illinois.**
11 – Status of borer moths (*Papaipema*) in Illinois with an emphasis on the Rattlesnake-master borer. Co-authored with J. P. Wiker, T. L. Esker, and J. M. Mui.
- 2019** **Biology of the Pit-Vipers 3, Rodeo, New Mexico.**
10 – Assessing abundance of a cryptic viper using N-Mixture models. Co-authored with J. A. Crawford and S. J. Baker.
- 2018** **Turtle Survival Alliance, Fort Worth, Texas.**
9 – Post-release growth rates of translocated Alligator Snapping Turtles (*Macrochelys temminckii*). Co-authored with E. J. Kessler, J. L. Carr, D. B. Ligon, and S. Ballard.
- 2017** **Biology of Snake 2017 Conference, Rodeo, New Mexico.**
8 – Factors affecting the movements of Timber Rattlesnakes (*Crotalus horridus*) from the mid-Atlantic coastal plain. Co-authored with C. E. Petersen, S. M. Goetz, J. D. Kleopfer, and A. H. Savitzky.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Austin, Texas.**
7 – Spatial ecology of the Timber Rattlesnake (*Crotalus horridus*) from the mid-Atlantic coastal plain. Coauthored with C. E. Petersen, S. M. Goetz, J. D. Kleopfer, and A. H. Savitzky.
- 2007** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, St. Louis, Missouri.**
6 – Patterns of habitat use in the Eastern Massasauga (*Sistrurus c. catenatus*). Co-authored with D. B. Shepard, B. C. Jellen, S. J. Baker, and C. A. Phillips.
- 2006** **4th Annual Meeting of the Turtle Survival Alliance, St. Louis, Missouri.**
5 – Turtle assemblages in northeastern Illinois. Co-authored with A. R. Kuhns and W. J. Banning.
- Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, New Orleans, Louisiana.**
4 – Turtle assemblages in northeastern Illinois. Co-authored with A. R. Kuhns.
- 2005** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Tampa, Florida.**
3 – Fidelity to over-wintering refugia in the Eastern Massasauga (*Sistrurus c. catenatus*). Co-authored with C. A. Phillips, B. C. Jellen, and D. B. Shepard.
- 2004** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, University of Oklahoma, Norman, Oklahoma.**

2 – Tracking the continued decline of the Eastern Massasauga, *Sistrurus c. catenatus*, in Illinois. Co-authored with T. G. Anton, C. A. Phillips, D. Mauger, T. P. Wilson, D. B. Shepard, A. Resetar, and B. C. Jellen.

Snake Ecology Group IV, Touch of Nature, Carbondale, Illinois.

1 – Tracking the continued decline of the Eastern Massasauga, *Sistrurus c. catenatus*, in Illinois. Co-authored with T. G. Anton, C. A. Phillips, D. Mauger, T. P. Wilson, D. B. Shepard, A. Resetar, and B. C. Jellen.

Co-authored Abstracts

2020 Turtle Survival Alliance, Virtual Conference

122 – Colton, A., E. Sunnucks, and **M. J. Dreslik**. Community structure of freshwater turtles in northeastern Illinois marshes.

121 – Edmonds, D., R. Nyboer, and **M. J. Dreslik**. Demographics of Ornate Box Turtles (*Terrapene ornata*) in Illinois.

120 – Kessler, E. J., and **M. J. Dreslik**. Individual growth rates and bycatch as limiting factors in an Alligator Snapping Turtle reintroduction.

Ecological Society of America, Virtual Conference

119 – Callahan, S. A., A. R. Kuhns, J. A. Crawford, C. A. Phillips, and **M. J. Dreslik**. Phenology of breeding migrations of three *Ambystoma* species.

Midwest Fish and Wildlife Conference, Springfield, Illinois.

118 – Callahan, S. A., A. R. Kuhns, J. A. Crawford, C. A. Phillips, and **M. J. Dreslik**. Phenology of breeding migrations of three *Ambystoma* species.

117 – Douglass, S. A., E. J. Kessler, and **M. J. Dreslik**. Freshwater mussel movement in the Kishwaukee River, Rockford, Illinois.

116 – Edmonds, D. A., and **M. J. Dreslik**. Ornate Box Turtle (*Terrapene ornata*) demography in Illinois.

115 – Jesper, A. C. B., and **M. J. Dreslik**. Over-wintering phenology of the threatened Timber Rattlesnake (*Crotalus horridus*) in Illinois.

114 – Kessler, E. J., S. Ballard, and **M. J. Dreslik**. The Alligator Snapping Turtle (*Macrochelys temminckii*) reintroduction in Illinois: an adaptive approach.

113 – Kuhns, A. R., J. A. Crawford, C. A. Phillips, M. Corcoran, and **M. J. Dreslik**. Herpetofaunal species of greatest conservation need in forested wetlands of southern Illinois.

112 – LaGrange, S. M., L. Adamowicz, M. C. Allender, S. J. Baker, and **M. J. Dreslik**. Long-term monitoring of snake fungal disease in the Eastern Massasauga in Illinois.

111 – Phillips, C. A., A. R. Kuhns, J. A. Crawford, **M. J. Dreslik**, and J. Adams. Surveys for Kirtland's snakes in Illinois.

110 – Ross, J. P., D. Thompson, and **M. J. Dreslik**. Population viability analysis and the role of head-starting for a northern Illinois Blanding's Turtle population.

109 – Schrage, A. C., J. L. Robinson, and **M. J. Dreslik**. Foraging and nesting habitat of *Bombus* community in documented *B. affinis* site in northern Illinois.

2019 Spotted, Blanding's, and Wood Turtle Conservation Symposium, Berkeley Springs, West Virginia.

108 – Ross, J. P., **Dreslik, M. J.**, and D. Thompson. Population viability analysis and the role of head-starting for a northern Illinois Blanding's Turtle population.

BOMBUSS 2.0: Building our methods by using sound science, next steps in North American bumble bee monitoring and conservation, Toronto, Canada.

107 – Schrage, A. C., J. L. Robinson, and **M. J. Dreslik**. Foraging and nesting habitat of *Bombus* community in documented *B. affinis* site in northern Illinois.

Turtle Survival Alliance, Tucson, Arizona.

106 – Edmonds, D., and **M. J. Dreslik**. Clutch size in an Illinois Ornate Box Turtle (*Terrapene ornata*) population.

105 – Kessler, E. J., S. M. LaGrange, and **M. J. Dreslik**. Ontogeny of movement behavior in Alligator Snapping Turtles (*Macrochelys temminckii*): insights from a reintroduced population.

104 – Ross, J. P., D. Thompson, and **M. J. Dreslik**. Population viability analysis and the role of head-starting for a northern Illinois Blanding's Turtle (*Emydoidea blandingii*) population.

Biology of the Pit-vipers 3, Rodeo, New Mexico

103 – Jesper, A. C. B., and **M. J. Dreslik**. Timing and temperature cues of spring emergence for the Timber Rattlesnake (*Crotalus horridus*) in Illinois.

Freshwater Mussel Conservation Society Biennial Symposium, San Antonio, Texas

102 – Douglass, S.A., J.S. Tiemann, E.J. Kessler, and **M.J. Dreslik**. 2019. A preliminary analysis of mussel population dynamics in the Kishwaukee River, Rockford, IL.

Illinois American Fisheries Society Annual Meeting, Champaign, Illinois

101 – Douglass, S.A., J.S. Tiemann, E.J. Kessler, and **M.J. Dreslik**. 2019. A preliminary analysis of mussel population dynamics in the Kishwaukee River.

Chicago Wilderness Wildlife Committee Meeting, Chicago, Illinois

100 – Sherwood, J. L., A. J. Stites, J. S. Tiemann, and **M. J. Dreslik**. Assessing the distribution of Iowa Darters (*Etheostoma exile*) in Illinois.

79TH Annual Midwest Midwest Fish and Wildlife Conference, Cleveland, Ohio

99 – Phillips, C. A., S. J. Baker, and **M. J. Dreslik**. Combating threats to the Eastern Massasauga with directed conservation actions in Illinois.

98 – Redmer, M., **M. J. Dreslik**, and E. T. Hileman. Tracking recovery goals for the conservation reliant Eastern Massasauga rattlesnake.

97 – Sherwood, J. L., E. E. Bilger, A. J. Stites, and **M. J. Dreslik**. Population demographics and diet of Bigeye Chub (*Hybognathus amblops*) in Illinois.

2018 Nachusa Grasslands Science Symposium, Nachusa, Illinois

96 – Adamovicz, L., C. A. Phillips, S. J. Baker, **M. J. Dreslik**, and M. C. Allender. Modeling individual Ornate Box Turtle (*Terrapene ornata*) health at Nachusa Grasslands.

Chicago Wilderness Wildlife Committee meeting, St. Charles, Illinois

95 – Douglass, S.A., J.S. Tiemann, **M.J. Dreslik**, E.J. Kessler, C.A. Phillips, and S.J. Baker. 2018. INHS mussel projects in the Kishwaukee River.

Illinois American Fisheries Society Annual Meeting, Pere Marquette, Illinois

94 – Douglass, S.A., E.J. Kessler, and **M.J. Dreslik**. 2018. Freshwater mussel movement in the Kishwaukee River.

International Conference on Subterranean Biology, Aveiro, Portugal

93 – Niemiller, M. N., T. E. Carter, **M. J. Dreslik**, N. S. Gladstone, K. D. Kenall Niemiller, L. E. Hayter, and B. M. Fitzpatrick. Demography and life history of cave-dwelling *Gyrinophilus* salamanders in eastern Tennessee, USA.

Venomous Herpetology Symposium, Miami, Florida.

92 – Jesper, A. C. B., and **M. J. Dreslik**. Timing and temporal cues of spring emergence for the Timber Rattlesnake (*Crotalus horridus*) in Illinois.

91 – West, T. R., S. J. Baker, M. L. Niemilller, A. J. Stites, K. T. Ash, M. A. Davis, **M. J. Dreslik**, C. A. Phillips. Evaluation of environmental DNA to detect *Sistrurus catenatus* and *Ophidiomyces ophiodiicola* in crayfish burrows.

Southeastern Association of Fish and Wildlife Agencies, Mobile, Alabama.

90 – Perry, L. C., J. L. Carr, **M. J. Dreslik**, and K. Soileau. Coordinated surveys for Alligator Snapping Turtles in Louisiana.

Turtle Survival Alliance, Fort Worth, Texas

89 – Edmonds, D. A. R. Kuhns, and **M. J. Dreslik**. Growth in a central Illinois Eastern Box Turtle (*Terrapene Carolina Carolina*) population.

88 – Edmonds, D. R. Nyboer, and **M. J. Dreslik**. Population dynamics of the Ornate Box Turtle (*Terrapene ornata*) at two sites in Illinois.

87 – Feng, C. Y., D. Mauger, J. P. Ross, and **M. J. Dreslik**. A demographic matrix–model analysis of Spotted Turtles (*Clemmys guttata*) in Illinois.

86 – Ross, J. P., D. Thompson, and **M. J. Dreslik**. Demographic influence of head-starting on a Blanding’s Turtle (*Emydoidea blandingii*) population in DuPage County, Illinois.

2017 Turtle Survival Alliance, Charleston, South Carolina.

85 – Hedrick, A. R., H. M. Klondarlis, L. C. Corichi, **M. J. Dreslik**, J. B. Iverson. The effects of climate on annual variation in reproductive output in Snapping Turtles (*Chelydra serpentina*).

84 – Ross, J. P., C. Y. Feng, and **M. J. Dreslik**. Evaluating turtle passage gates using remote camera traps and visual encounter surveys.

Biology of Snakes Conference, Rodeo, New Mexico.

83 – Baker, S. J., **M. J. Dreslik**, C. A. Phillips, and M. C. Allender. Impact of snake fungal disease on population viability.

Illinois Chapter of the American Fisheries Society Annual Meeting, Moline, Illinois

82 – Sites, A. J., J. L. Sherwood, J. S. Tiemann, and **M. J. Dreslik**. Assessing the distribution of Iowa Darters (*Etheostoma exile*) in streams of northern Illinois. Presentation.

North Central Division of the American Fisheries Society, Rivers and Streams Technical Committee Meeting, Milan, Illinois.

81 – Sites, A. J., J. L. Sherwood, J. S. Tiemann, and **M. J. Dreslik**. Assessing the distribution of Iowa Darters (*Etheostoma exile*) in streams of northern Illinois. Presentation.

Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists’ League, Austin, Texas.

80 – Baker, S. J., **M. J. Dreslik**, C. A. Phillips, and M. C. Allender. Impact of snake fungal disease on population viability.

79 – Ross, J. P., C. Y. Feng, and **M. J. Dreslik**. Evaluating reptile and amphibian passage gates using remote camera traps. Presentation.

78 – Sites, A. J., J. L. Sherwood, J. S. Tiemann, and **M. J. Dreslik**. Assessing the distribution of Iowa Darters (*Etheostoma exile*) in streams of northern Illinois. Presentation.

2016 Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists’ League, New Orleans, Louisiana.

77 – Baker, S. J., **M. J. Dreslik**, Christopher A. Phillips, and Matthew C. Allender. Hematology and emergence of snake fungal disease in Illinois Eastern Massasaugas (*Sistrurus catenatus*).

76 – Davis, Mark A., **M. J. Dreslik**, Sarah J. Baker, Christopher A. Phillips, Charles Smith, Roger Repp, and Gordon Schuett. A comparative assessment of pitviper life histories using robust quantification.

75 – Feng, C. Y., and **M. J. Dreslik**. Sex differentiation in the growth of Spotted Turtles (*Clemmys guttata*).

74 – Feng, C. Y., D. Mauger, J. P. Ross, and **M. J. Dreslik**. A long-term demographic analysis of Spotted Turtles (*Clemmys guttata*) in Illinois.

73 – Ross, J. P., and **M. J. Dreslik**. Spatial ecology of the Smooth Softshell turtle (*Apalone mutica*) in the Kaskaskia River of Illinois.

72 – Ross, J. P., and **M. J. Dreslik**. Population and community structure of Smooth Softshell (*Apalone mutica*) and Spiny Softshell (*Apalone spinifera*) turtles in the Kaskaskia River of Illinois.

71 – Stites, A. J., J. Sherwood, J. S. Tiemann, and **M. J. Dreslik**. Reassessment of Iowa Darter habitat in Illinois.

Illinois Consortium for Land and Aquatic Mollusks (ICLAM) Symposium, Champaign, Illinois
70 – Douglass, S.A., J.S. Tiemann, **M.J. Dreslik**, C.A. Phillips, and S.J. Baker. 2016. INHS Kishwaukee mussel projects.

76th Midwest Fish and Wildlife Conference, Grand Rapids, Michigan.

69 – Baker, S. J., **M. J. Dreslik**, and C. A. Phillips. Long-term monitoring of the Eastern Massasauga in Illinois.

68 – Feng, C. Y., and **M. J. Dreslik**. Sex differentiation in the growth of Spotted Turtles, *Clemmys guttata*.

67 – Kessler, E. J., J. P. Ross, C. A. Phillips, and **M. J. Dreslik**. Brownian bridge movement models using telemetry data: a case study with Eastern Box Turtles, *Terrapene carolina*.

66 – Stites, A. J., J. L. Sherwood, J. S. Tiemann, and **M. J. Dreslik**. Reassessment of Iowa Darter habitat in Illinois.

65 – Tiemann, J. S., S. J. Baker, S. A. Douglass, C. A. Phillips, and **M. J. Dreslik**. Assessment of a freshwater mussel community and short distance translocation in Northern Illinois.

2015 **Turtle Survival Alliance, Tucson, Arizona.**

64 – Kessler, E. J., M. C. Allender, S. J. Baker-Wylie, and **M. J. Dreslik**. Assessing health through hematology in head-started Alligator Snapping Turtles (*Macrochelys temminckii*).

63 – Kessler, E. J., S. R. Ballard, C. A. Phillips, and **M. J. Dreslik**. Preliminary results of a translocation of head-started Alligator Snapping Turtles (*Macrochelys temminckii*) in Illinois.

62 – Kessler, E. J., J. P. Ross, C. A. Phillips, and **M. J. Dreslik**. Using Brownian Bridge movement models to estimate home range size in Eastern Box Turtles (*Terrapene carolina*).

61 – Ross, J. P., and **M. J. Dreslik**. Spatial ecology of the Smooth Softshell Turtle (*Apalone mutica*) in the Kaskaskia River of Illinois.

Joint Meeting of American Society of Ichthyologists and Herpetologists and Herpetologists' League, Reno, Nevada.

60 – W. Anthonyamy, **M. Dreslik**, M. Douglas, D. Thompson, G. Klut, A. Kuhns, D. Mauger, G. Glowacki, C. Phillips. Genetic patterns among rare and common turtle species.

59 – Kessler, E. J., M. C. Allender, and **M. J. Dreslik**. Assessing health through hematology in head-started Alligator Snapping Turtles (*Macrochelys temminckii*).

International Urban Wildlife Conference, Lincoln Park Zoo, Chicago, Illinois.

58 – Tiemann, J. S., S. J. Baker-Wylie, C. A. Phillips, and **M. J. Dreslik**. Fish Community structure along the I-90 Tollway.

57 – Baker-Wylie, S. J., J. S. Tiemann, C. A. Phillips, and **M. J. Dreslik**. Assessment of a freshwater mussel community and short distance translocation in northern Illinois.

9th Biennial Freshwater Mussel Conservation Society, St. Louis, Missouri.

56 – Baker-Wylie, S. J., J. S. Tiemann, **M. J. Dreslik**, and C. A. Phillips. Assessment of a freshwater mussel community and short distance translocation in northern Illinois.

53rd Annual Meeting of the Illinois Chapter of the American Fisheries Society, Pere Marquette, Illinois.

55 – Baker-Wylie, S. J., J. S. Tiemann, **M. J. Dreslik**, and C. A. Phillips. Assessment of a freshwater mussel community and short distance translocation in northern Illinois.

75th Midwest Fish and Wildlife Conference, Indianapolis, Indiana.

54 – Kessler, E. J., **M. J. Dreslik**, and S. R. Ballard Recovery of the Alligator Snapping Turtle in Illinois: background and large-scale results.

53 – Baker-Wylie, S. J., D. B. Wylie, **M. J. Dreslik**, and C. A. Phillips Prevalence of snake fungal disease (*Sistrurus catenatus*) from Illinois.

52 – Ross, J. P., and **M. J. Dreslik**. Population and community structure of Smooth Softshell (*Apalone mutica*) and Spiny Softshell (*Apalone spinifera*) turtles in the Kaskaskia River, Illinois.

2014 **Turtle Survival Alliance, Orlando Florida.**

51 – Ross, J. P., and **M. J. Dreslik**. Population and community structure of Smooth Softshell (*Apalone mutica*) and Spiny Softshell (*Apalone spinifera*) Turtles in the Kaskaskia River of Illinois.

Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League. Chattanooga, Tennessee.

50 – Anthonysamy, W. J. B., S. Wylie, **M. J. Dreslik**, M. A. Davis, M. A. Douglas, M. E. Douglas, and C. A. Phillips. Genetic assessment of an Eastern Massasauga (*Sistrurus catenatus*) population in Illinois.

49 – Wylie, D. B., M. C. Allender, S. J. Wylie, **M. J. Dreslik**, and C. A. Phillips. A test of non-invasive detection methods for snake fungal disease.

48 – Wylie, S. J., D. B. Wylie, **M. J. Dreslik**, and C. A. Phillips. Translocation as a conservation tool for an endangered rattlesnake in Illinois.

Biology of the Pitvipers 2, Symposium, Tulsa, Oklahoma.

47 – Anthonysamy, W. J. B., S. J. Wylie, M. A. Davis, **M. J. Dreslik**, M. R. Douglas, M. E. Douglas, and C. A. Phillips. Genetic assessment of a bottlenecked Eastern Massasauga (*Sistrurus catenatus*) population in Illinois.

46 – Wylie, D. B., S. J. Wylie, **M. J. Dreslik**, C. A. Phillips, and M. C. Allender. Prevalence of snake fungal disease in the Eastern Massasauga (*Sistrurus catenatus*) from Illinois.

45 – Wylie, D. B., M. C. Allender, S. J. Wylie, **M. J. Dreslik**, and C. A. Phillips. A test of non-invasive detection methods for snake fungal disease.

46th Annual Conference of the American Association of Zoo Veterinarians, Orlando, Florida.

44 – Allender, M., D. Wylie, S. Wylie, **M. J. Dreslik**, C. Phillips, and C. Maddox. The changing epidemiology of *Ophiodiomyces* in free-ranging snakes: surveillance, experimental challenge, and development of new diagnostics.

74th Midwest Fish and Wildlife Conference, Kansas City, Missouri.

43 – Wylie, S. D. Wylie, **M. Dreslik**, and C. Phillips Spatial ecology and mortality in neonate Eastern Massasaugas.

2013 **11th Annual Meeting of the Turtle Survival Alliance, St. Louis, Missouri.**

42 – Anthonysamy, W., G. Klut, D. Thompson, A. Kuhns, **M. Dreslik**, D. Kirk, and C. Phillips. Genetic diversity and gene flow of Blanding's Turtle (*Emydoidea blandingii*) populations across northeastern Illinois, USA.

Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League. Albuquerque New Mexico.

41 – Anthonysamy, W., **M. Dreslik**, D. Mauger, and C. A. Phillips. Habitat partitioning in a Midwest turtle assemblage.

40 – Wylie, D., S. Wylie, M. Allender, **M. Dreslik**, and C. Phillips. Detection of *Chrysosporium* infections in two North American viper species.

39 – Wylie, S. D. Wylie, **M. Dreslik**, and C. Phillips Spatial ecology and mortality in neonate Eastern Massasaugas.

2011 **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League. Minneapolis, Minnesota.**

38 – Banning-Anthonysamy, W. J., **M. J. Dreslik**, M. R. Douglas, N. K. Marioni, and C. A. Phillips. Mating system and reproductive success in Blanding's turtles (*Emys blandingii*).

- 37** – Banning–Anthonysamy, W. J., D. Mauger, **M. J. Dreslik**, M. R. Douglas, and C. A. Phillips. Population genetics of the spotted turtle (*Clemmys guttata*) in Illinois.
- 2010** **Midwest Partners in Amphibian and Reptile Conservation meeting, Oregon, Illinois.**
36 – Banning, W. J., **M. J. Dreslik**, M. R. Douglas, N. K. Marioni, and C. A. Phillips. Mating Systems and Determinants of Reproductive Success in Blanding's Turtles in Illinois.
- 2009** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Portland, Oregon.**
35 – J. Ray, R. King, M. Duvall, J. Robinson, **M. Dreslik**, B. Swanson, H. L. Gibbs. Genetic variation of the Eastern Massasauga rattlesnake: implications for conservation and captive breeding.
- 2007** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, St. Louis, Missouri.**
34 – Baker, S. J., **M. J. Dreslik**, and C. A. Phillips. Response of the Eastern Massasauga (*Sistrurus catenatus catenatus*) to flooding at Carlyle Lake, Illinois.
33 – Banning, W. J., **M. J. Dreslik**, C. A. Phillips, and D. Mauger. Resource partitioning along a spatial gradient within a turtle assemblage in northeastern Illinois.
32 – Banning, W. J., **M. J. Dreslik**, and C. A. Phillips. Spatial ecology and habitat preference of a turtle community in a northeastern Illinois prairie wetland.
- 2006** **Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologist League, New Orleans, Louisiana.**
31 – Banning, W. J., **M. J. Dreslik**, and C. A. Phillips. Spatial ecology and habitat preference of the Blanding's turtle (*Emydoidea blandingii*) in a northeastern Illinois prairie wetland community.
67th Midwest Fish and Wildlife Conference, Omaha, Nebraska.
30 – Baker, S. J., **M. J. Dreslik**, and C. A. Phillips. Effects of habitat fragmentation on grassland snake communities in southwestern Illinois.
29 – Banning, W. J., **M. J. Dreslik**, and C. A. Phillips. Population ecology of the Blanding's turtle in northeastern Illinois.
- 4th Annual Meeting of the Turtle Survival Alliance, St. Louis, Missouri.**
28 – Banning, W. J., **M. J. Dreslik**, C. A. Phillips, D. Mauger, and T. P. Wilson. Population ecology of the Blanding's turtle in northeastern Illinois.
- 2005** **19th Annual Meeting of the Society for Conservation Biology, Universidade de Brasilia, Brasilia, Brazil.**
27 – Shepard, D. B., **M. J. Dreslik**, B. C. Jellen, and C. A. Phillips. Reptile road mortality around an oasis in the Illinois corn desert, with emphasis on the endangered Eastern Massasauga (*Sistrurus c. catenatus*).
26 – Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Tampa, Florida.
Shepard, D. B., **M. J. Dreslik**, B. C. Jellen, and C. A. Phillips. Reptile road mortality around an oasis in the Illinois corn desert, with emphasis on the endangered Eastern Massasauga (*Sistrurus c. catenatus*).
25 – Mauger, D., **M. J. Dreslik**, and T. P. Wilson. Ecology of the Blanding's turtle (*Emydoidea blandingii*) from a dedicated Nature Preserve.
24 – Readel, A. M., **M. J. Dreslik**, J. K. Warner, W. J. Banning, and C. A. Phillips. Ontogenetic divergence in secondary sexual characteristics in the slider (*Trachemys scripta*).
23 – Banning, W. J., **M. J. Dreslik**, J. K. Warner, and A. M. Readel. Habitat use of juvenile slider turtles (*Trachemys scripta*).
22 – Hunkapiller, T. J., **M. J. Dreslik**, E. J. Menzel, and J. M. Mui. Spatial relationships in the breeding chorus of the Wood Frog (*Rana sylvatica*).
21 – Menzel, E. J., T. H. Hunkapiller, **M. J. Dreslik**, and J. M. Mui. Post-breeding spatial ecology of male *Rana sylvatica*.

Department of Defense Natural Resources Training Workshop, National Military Fish and Wildlife Association Meeting, Arlington, Virginia.

20 – Taylor, S. J., J. K. Krejca, M. L. Denight, K. Hackley, S. E. Greenberg, **M. J. Dreslik**, J. E. Smith, and M. Muyot. Structure of cave communities and cave cricket foraging behavior at Fort Hood, Texas.

97th Annual Meeting of the Illinois State Academy of Sciences, Knox College, Galesburg, Illinois. 1 – Banning, W. J., **M. J. Dreslik**, J. K. Warner, and A. M. Readel. Habitat use of juvenile slider turtles (*Trachemys scripta*).

19 – Readel, A. M., **M. J. Dreslik**, J. K. Warner, and W. J. Banning. Ontogenetic divergence in secondary sexual characteristics in the slider (*Trachemys scripta*).

25th Annual Midwest Ecology and Evolution Conference, Southern Illinois University, Carbondale, Illinois.

18 – Banning, W. J., **M. J. Dreslik**, J. K. Warner, and A. M. Readel. Habitat use of juvenile slider turtles (*Trachemys scripta*).

17 – Readel, A. M., **M. J. Dreslik**, J. K. Warner, and W. J. Banning. Ontogenetic divergence in secondary sexual characteristics in the slider (*Trachemys scripta*).

Biology of the Rattlesnakes Symposium, Loma Linda University, Loma Linda, California.

16 – Aldridge, R. D., **M. J. Dreslik**, C. A. Phillips, B. C. Jellen, M. C. Allender, and J. M. Cox. Reproductive biology of the massasauga (*Sistrurus catenatus*) from south central Illinois.

15 – T. G. Anton, **Dreslik, M. J.**, C. A. Phillips, D. Mauger, T. P. Wilson, D. B. Shepard, A. Resetar, B. C. Jellen. Monitoring the continuing decline of the Eastern Massasauga (*Sistrurus catenatus*) in Illinois.

2004 31st Natural Areas Conference, Chicago, Illinois.

14 – Phillips, C. A., **M. J. Dreslik**, and D. B. Shepard. Tracking the continued decline of the Eastern Massasauga (*Sistrurus c. catenatus*) in Illinois.

Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, University of Oklahoma, Norman, Oklahoma.

13 – Wilson, T. P., **M. J. Dreslik**, and C. H. Ernst. Growth of the spotted turtle, *Clemmys guttata*, from Pennsylvania.

4th Snake Ecology Group meeting (SEG–IV), Touch of Nature Environmental Center, Carbondale, Illinois.

12 – Phillips, C. A., **M. J. Dreslik**, T. G. Anton, D. Mauger, T. P. Wilson, D. B. Shepard, A. Resetar, and B. C. Jellen. Tracking the continued decline of the Eastern Massasauga, *Sistrurus c. catenatus*, in Illinois.

2003 Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Manaus, Brazil.

11 – Jellen, B. C., J. E. Martin de Camilo, C. A. Phillips, **M. J. Dreslik**, and D. B. Shepard. Reproduction in the Eastern Massasauga rattlesnake (*Sistrurus c. catenatus*).

50th Anniversary meeting of the Southwestern Association of Naturalists, University of Oklahoma, Norman, Oklahoma.

10 – Shepard, D. B., **M. J. Dreslik**, C. A. Phillips, and B. C. Jellen. Foraging ecology of neonate Eastern Massasaugas (*Sistrurus c. catenatus*).

2002 Joint Meeting of American Society of Ichthyologists and Herpetologists, Society for the Study of Amphibians and Reptiles, and Herpetologists' League, Kansas City, Missouri.

9 – Shepard, D. B., **M. J. Dreslik**, C. A. Phillips, and B. C. Jellen. Ecology of neonate Eastern Massasauga rattlesnakes (*Sistrurus c. catenatus*).

2001 Joint Meeting of the Society for the Study of Amphibians and Reptiles and the Herpetologists' League, Indianapolis, Indiana.

8 – Phillips, C. A., **Dreslik, M. J.**, D. B. Shepard, and B. C. Jellen. Home range and movement of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.

7 – Kuhns, A. R., **M. J. Dreslik**, and B. C. Jellen. Species composition, density, and biomass of a southern Illinois turtle community.

6 – Shepard, D. B., C. A. Phillips, **M. J. Dreslik**, and B. C. Jellen. Population ecology of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.

5 – Jellen, B. C., C. A. Phillips, **M. J. Dreslik**, and D. B. Shepard. Reproductive ecology of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.

93rd Annual Meeting of the Illinois State Academy of Sciences, Macomb, Illinois.

4 – Kuhns, A. R., and **M. J. Dreslik**. Species composition, density, and biomass of a southern Illinois turtle community.

3 – Shepard, D. B., C. A. Phillips, **M. J. Dreslik**, and B. C. Jellen. Population ecology of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.

2 – Jellen, B. C., C. A. Phillips, **M. J. Dreslik**, and D. B. Shepard. Reproductive ecology of the Eastern Massasauga Rattlesnake, *Sistrurus catenatus catenatus*.

2000 92nd Annual Meeting of the Illinois State Academy of Sciences. Augustana College, Rock Island, Illinois.

1 – Kuhns, A. R., and **M. J. Dreslik**. Early season basking in the Red-Eared Slider, *Trachemys scripta*.

OUTREACH

Illinois State Fair – Conservation World

In 2019, we stationed an exhibit at the state fair in the Illinois Department of Natural Resources – Conservation world. The exhibit contained children's activities, educational videos and material, and information on the various projects being conducted by the Population and Community Ecology Lab at the INHS.

Chicago Herpetological Society's Reptile Fest

The Chicago Herpetological Society annually hosts the largest amphibian and reptile educational expo in the United States. The two-day event sees thousands of members of the public through the doors. I have attended Reptile fest in 2016, 2017, 2018, and 2019 with my graduate students to showcase the work we conduct in my Amphibian and Reptile Conservation program. At the expo, we have educational displays about our research and fun interactive children's activities.

Illinois Wilds Institute for Nature Courses (IWIN)

This extremely popular program consists of specialized 3–4 day extended field and classroom courses focused on adult education with numerous topics. The courses are run by Michael Jeffords and Susan Post, the focus on identification, observation, and ecology of major groups of organisms or ecosystems. I have assisted in the Herpetology course in 2001, 2004, 2006, and 2008 held at the Cache River area of Illinois, which focused the amphibian and reptile diversity of Illinois with associated field trips. A second course I participated in was the Herpetology Blitz in 2009 which was a three-day crash course of field trips to show participants as many amphibian and reptile species in Illinois as we could. Finally, I also assisted in the Dragonflies, Butterflies, and Skippers of Northwestern Illinois course in 2008 held at Lost Mound Nature Preserve.

United States Army Corps of Engineers Carlyle Lake Earth Day

Held annual, the U.S. Army Corps of Engineers holds an Earth Day program offered as a field day for local area public schools. The program consists of environmentally-based stations where instructors offer information on topics as varied as forestry to raptor ecology. I have assisted by offering a program on amphibians and reptiles (focusing on the Eastern Massasauga) in 2000, 2001, 2002, 2011 – 2014. In 2009, I assisted the current INHS's Outreach and Education coordinator with the Traveling Science Center.

University of Illinois Extension Office's Master Naturalist Program

This program is an adult education course that provides certification of attendants as *Master Naturalists* on completion. It is a popular course and offers a fixed curriculum in topics ranging to specific organismal sections to overall ecosystems. In 2010 I co-taught the Herpetology portion, which consisted of both a short field trip and in-class lecture and an identification portion. I am also a co-author of the revised curriculum for the Herpetology portions with the educational materials currently forthcoming.

Illinois Natural History Survey's 150th Anniversary Celebration

In 2008 the INHS celebrated its 150th anniversary and held a three-day event with special guest speakers, and survey scientists prepared numerous exhibits and short programs as well as educational and outreach materials. I was the lead person for designing the amphibian and reptile exhibit, which included co-designing exhibit materials, organizing staff to support the exhibit, and gather live amphibians and reptiles. The anniversary event saw over 2,000 people in attendance, and the herpetology exhibit was one of the larger and more popular exhibits.

ENVIRONMENTAL CONSULTING EXPERIENCE

- 2018– Present** Owner and primary of Applied Envirolytics. This is a start-up company I have created that does environmental consulting at various levels. The main services offered are environmental assessments for protected resources, statistical data analysis, workshop facilitation, and statistical training workshops. The company works with other environmental consulting firms, private construction firms, public sector corporate entities, not-for-profit organizations, non-government organizations, and local, regional, state, federal, and global government environmental agencies.
- 1997– 2003** Contracted through the INHS as a Graduate Research Assistant by the IDOT to locate protected herpetofauna throughout the state of Illinois. Aided in performing surveys for over twenty jobs for species such as *Desmognathus fuscus*, *Hyla avivoca*, *Kinosternon flavescens spooneri*, *Nerodia erythrogaster neglecta*, *Clonophis kirtlandi*, and *Sistrurus catenatus*. Also, we monitored wetland mitigation sites for multiple years to determine changes in herpetofaunal assemblages.
- 1996** Contracted by Dr. C. A. Phillips of the INHS to conduct work in Lee County, Illinois, searching for Illinois' endangered Yellow mud turtle (*Kinosternon flavescens spooneri*) sites.
- 1996** Contracted with Dr. E. O. Moll by IDNR to search the Fox Ridge park area in McHenry County for Illinois endangered spotted turtle (*Clemmys guttata*).

COMPUTER EXPERIENCE

Productivity: Microsoft Office Suite (Word, Excel, PowerPoint), Filemaker Pro, Borderland's Dbase

Graphing Programs: Sigma Plot, Psi-Plot

GIS Packages: Arc-GIS, MapTech,

Statistical Packages: R, SPSS, SAS, SYSTAT, Vortex

Imaging Programs: Acrobat, Photoshop, Illustrator, InDesign

Miscellaneous: Box Car Pro, Mathematica, Windows, DOS

REFERENCES

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