

# JEFFREY WILLIAM TAMPLIN

## CURRICULUM VITAE

March 2024

### Education:

Louisiana State University	Ph.D.	1999	Biological Sciences
Louisiana State University	M.S.	1988	Zoology and Physiology
Augustana College	A.B.	1986	Biology major Environmental science minor

### Research areas:

Habitat usage, genetics, and ecology of *Glyptemys insculpta*, the endangered wood turtle  
Temperature preferences and thermoregulation of aquatic turtles  
Adaptation to temperature in amphibians and reptiles  
Physiological adaptation of animals to environmental factor gradients  
Mesozoic Antarctic reptiles and amphibians

### Professional experience:

Professor (Full), University of Northern Iowa (Department of Biology). March 2014 – present.  
Associate Professor, University of Northern Iowa (Department of Biology). March 2007 – March 2014.  
Assistant Professor, University of Northern Iowa (Department of Biology). August 2001 – March 2007.  
Instructor, Louisiana State University (Department of Biological Sciences). August 1998 – July 2001.  
Instructor, Louisiana State University (Biology-Evening School). August 1989 – May 2001.  
Instructor, Louisiana State University (Biology-Continuing Education; correspondence). May 1997 – July 2001.  
Instructor, Louisiana State University, MCAT (Medical College Admissions Test) preparation course. LSU College of Basic Sciences. August 1993 – July 2001.  
Laboratory Coordinator, Louisiana State University (Department of Zoology & Physiology). August 1988 – July 2001.  
Herpetological consultant. Robert Duvall Productions. Film “Apostle.” September 1996.  
Wildlife consultant and animal wrangler. McGee Street Productions. Film “Old Man.” June 1996 – August 1996.  
Graduate Research Assistant, Louisiana State University (Zoology & Physiology; Museum of Natural Science). January 1987 – August 1988.  
Graduate Teaching Assistant, Louisiana State University (Zoology & Physiology). August 1986 – August 1988.  
Field Specialist. Augustana Research Foundation. Augustana College. Antarctic vertebrate fossils collection trip (National Science Foundation). November 1990 – January 1991.  
Field Assistant. Endangered species (*Gopherus polyphemus*) survey. Louisiana State University and Auburn University joint project. June 1988; June 1990.  
Field Assistant. Endangered species (*Rana clamitans*) survey. Southeastern Louisiana University. July 1991.  
Museum preparator. Augustana Research Foundation. Augustana College (Geology). June 1986 – August 1986.  
Field Assistant. Augustana Research Foundation. Augustana College. Antarctic vertebrate fossils collection trip (National Science Foundation). October 1985 – February 1986.

### **Teaching experience:**

#### **University of Northern Iowa (2001 – present)**

##### **Lecture:**

General Biology: Organismal Diversity (840:051; 2051)  
Ecology, Evolution, and the Nature of Science (3100)  
Ecological and Evolutionary Theory (3100)  
Field Biology: Ecology of Wood Turtles (840:174)  
Field Biology: Herpetology of Appalachia and the  
Gulf Coast (840:174)  
Field Biology: Herpetology of IA & WV (840:174)  
Field Biology: Reptiles & Amphibians of West Virginia (3174)  
Field Zoology of the Vertebrates (3160/6286)  
Graduate Colloquium (6202)

##### **Individualized Instruction:**

Cooperative Education (840:179; 3179)  
Readings in Biology (840:185; 3185)  
Undergraduate Research in Biology (840:190; 3190)  
Independent Study (840:198; 4198)  
Special Problems in Biology (840:230; 6230)  
Graduate Research Methods in Biology (840:292; 6292)  
Graduate Research in Biology (840:299; 6299)

##### **Laboratory:**

General Biology: Organismal Diversity (840:051; BIOL 2051)  
Anatomy and Physiology I (840:101)  
Anatomy and Physiology II (840:102)  
Field Zoology of the Vertebrates (840:160; BIOL 3160/6286)

### **Teaching experience:**

#### **Louisiana State University (1986 – 2001)**

##### **Lecture:**

Introductory Zoology (1502)  
Biology for Science Majors I (1201)  
Biology for Science Majors II (1202)  
General Biology I (1001)  
General Biology II (1002)  
General Biology II (Correspondence.)  
MCAT Preparation

##### **Laboratory:**

Honors Zoology (1203)  
Introductory Zoology (1209/1509)  
Principles of Zoology I (1001)  
Principles of Zoology II (1002)  
Comparative Anatomy of the Vertebrates (2153)  
General Biology I (1005)

### **Awards and Honors:**

1998, 1999, 2000 Alpha Lambda Delta Freshman Honor Society Award Nomination for Superior Instruction

**1999 Tiger Athletic Foundation Junior Division Award for College Teaching Excellence (LSU)**

**2004 College of Natural Sciences Dean's Award for Teaching Excellence in General Education (UNI)**

**2004 UNI Sigma XI Award for Best Undergraduate Research Poster (coauthor & research mentor)**

**2005 Honorary Sideline Coach – UNI Women's Soccer Team (Fall 2005)**

2005 Tri-Beta National Biological Honor Society Nominee for Excellence in Teaching Award (UNI)

2005, 2006, 2007, 2008, 2009 College of Natural Sciences Dean's Award Nominee for Teaching Excellence in Departmental Programs (UNI)

**2009 Honorary Sideline Coach – UNI Men's Basketball Team (Spring 2009)**

**2011 Honorary Sideline Coach – UNI Football Team (Fall 2011)**

2012, 2014, 2018, 2021 College of Humanities, Arts, and Sciences James F. Lubker Research Award Finalist for Excellence in Research (UNI)

**2013 College of Humanities, Arts, and Sciences Dean's Award for Teaching Excellence in Departmental Programs (UNI)**

**2015 UNI Graduate College Outstanding Master's Thesis (First Place), awarded to Samuel Berg (MS advisee)**

**2016 State of Iowa Board of Regents Award for Faculty Excellence (UNI)**

**2016 Panther First Service Award (UNI)**

### Awards and Honors (continued):

**2017 Honorary Sideline Coach – UNI Men’s Wrestling Team (Spring 2017)**

**2018 Apple Polishers Award – UNI Student Ambassadors**

**2018 – 2019 Honorary Sideline Coach – UNI Men’s Wrestling Team (Fall 2018 – Spring 2019)**

**2019 Honorary Sideline Coach – UNI Volleyball Team (Fall 2019)**

**2019 – 2020 Honorary Sideline Coach – UNI Women’s Basketball Team (Spring 2020)**

**2020 – 2021 Apple Polishers Award – UNI Student Ambassadors**

**2021 Very Important Panther – UNI Alumni Association**

### Research Grants and Funding Awarded (\$425,637 total):

#### **Extramural: [\$360,015 total]**

**2004** Minnesota Herpetological Society; \$750, for radio telemetry of Iowa wood turtles

**2012** Black Hawk County Conservation Board; \$2000, for wood turtle habitat research

**2013** United States Fish and Wildlife Service, State Wildlife Grant Program; \$493,903 total (**\$59,358 UNI subaward – Tamplin, PI**), for wood turtle habitat research from Iowa Department of Natural Resources

**2015** Black Hawk County Conservation Board; \$2000, for wood turtle habitat research

**2016** United States Fish and Wildlife Service, State Wildlife Grant Program; \$462,407 total (**\$62,893 UNI subaward – Tamplin, PI**), for wood turtle habitat research from Iowa Department of Natural Resources

**2019** United States Fish and Wildlife Service, State Wildlife Grant Program; **\$13,407** added to previous award from Iowa Department of Natural Resources (**total = \$76,300**)

**2021** United States Fish and Wildlife Service, State Wildlife Grant Program; \$997,925 total (**\$221,607 UNI subaward – Tamplin, PI**), for wood turtle habitat research from Iowa and Minnesota Department of Natural Resources

#### **Intramural (UNI): [\$65,622 total] (student research awards for the Tamplin lab)**

Investigative Biology Scholarship (2009–2010, \$1000 total)

Biology Department Undergraduate Research Assistantship (2005–2006, \$4000 total)

Career Scholars Award (2008–2009, \$4000; 2009–2010, \$2000; \$6000 total)

Floyd Undergraduate Research Award (2009–2010, \$2500; 2010–2011, \$2500; 2019, \$1500; \$6500 total)

IAF (Intercollegiate Academics Fund): 2008 (\$1,150); 2009 (\$800); 2013 (\$649); \$2950 total

Good Undergraduate Research Fellowship in Biology (2009, \$3000; 2021, \$1000)

GRASP (Graduate Research Awards for Student Projects): 2011 (\$750); 2012 (\$1500); 2014 (\$750); \$3000 total

SOAR (Student Opportunities for Academic Research): 2004 (\$433); 2009 (\$1438); 2010 (\$750); \$2621 total

SURP (Summer Undergraduate Research Program): 2007 (\$3500); 2009 (\$3500); 2014 (\$3500); \$10500 total

UNI Summer Fellowship (Graduate College): 2002 (\$5200); 2005 (\$2600); \$7800 total

UNI Biology Department Research Support: 2019 (\$1500)

### Honor and Professional Societies:

Society for the Study of Amphibians and Reptiles; Chelonian Research Foundation; Turtle Survival Alliance; American Society of Zoologists; Sigma Xi Scientific Research Honor Society (full member); Tri-Beta Biological Honor Society

### Journal Articles, Book Chapters, and Grant Proposals Reviewed (39 total reviews):

- **Journals (16):** American Midland Naturalist, Animal Biology, Biological Conservation, Chelonian Conservation & Biology, Copeia, Diversity, Frontiers in Ecology and Evolution,

Herpetological Review, Journal of Experimental Zoology, Journal of Herpetology, Journal of the Marine Biology Association of the United Kingdom, Journal of Thermal Biology, Journal of Wildlife Diseases, Journal of Wildlife Management, Northeastern Naturalist, Oecologia

- **Grant Providers and Public Agencies (5):** Center for Global and Regional Environmental Research (CGRER), Minnesota Environment and Natural Resources Trust Fund, Minnesota Department of Natural Resources (MN DNR), Society for the Study of Amphibians and Reptiles (SSAR), United States Fish and Wildlife Service (USFWS)
- **Books (3):** Sinauer Associates/W.H. Freeman (Life: The Science of Biology); Eco Publishing (Reptiles and Amphibians of Iowa); The University of Iowa Press (The Natural History of the Turtles of Iowa).

#### **Ph.D. Dissertation:**

**Tamplin, J. W., 1999.** Effects of fluctuating salinity, nutritional state, and temperature on *Leptasterias* spp. from Little Port Walter, Alaska.

#### **Publications: books, journal articles, proceedings & abstracts, research & technical reports (78 total):**

##### **Books (2 total):**

**Tamplin, J. W.,** Stickle, W. B., and Woodring, J. P. **1997.** *Introductory Zoology Laboratory Guide.* Morton Publishing Co., Englewood, CO. 303 pp., 2nd edition.

**Tamplin, J. W.,** Stickle, W. B., and Woodring, J. P. **1994.** *Introductory Zoology Laboratory Manual.* W. C. Brown Publishing Co., Dubuque, Iowa. 271 pp., 1st edition.

##### **Journal Articles/Notes/Book Chapters (33 total):**

**Tamplin, Jeff,** Haugen, Jessica, Anderson, Tyler, Berg, Samuel, Burtch Jordan, Hayes Alexandra, and Hobbs, Gavin. **2024.** Water depth selection by Iowa Wood turtles (*Glyptemys insculpta*) during seasonal activity periods. *Biology and Conservation of Emydine Turtles (Subfamily Emydinae) Special Issue of Northeastern Naturalist.* MS NENA 23-9-27 N2059c; accepted 2/12/2024 (in press).

Zdyrski, Christopher, Vojtech Gabriel, Thea B. Gessler, Abigail Ralston, Itzel Sifuentes-Romero, Debosmita Kundu, Sydney Honol, Hannah Wickham, Nicholas E. Topping, Dipak Kumar Sahoo, Basanta Bista, **Jeffrey Tamplin,** Oscar Ospina, Pablo Piñeyro, Marco Arriaga, Jacob A. Galan, David K. Meyerholz, Karin Allenspach, Jonathan P. Mochel, and Nicole Valenzuela. **2024.** Characterization of the First Turtle Organoids: Establishment and characterization of turtle liver organoids provides a potential model to decode their unique adaptations. *Nature Communications Biology* 7:218. [doi.org/10.1038/s42003-024-05818-1](https://doi.org/10.1038/s42003-024-05818-1)

**Tamplin, Jeff.** **2022.** Woodland Critters: Wood Turtle (*Glyptemys insculpta*). In: S. Meyer, (ed.) *Timber Talk, Newsletter of the Iowa Woodland Owners Association and Iowa Tree Farmers.* December 2022 Issue, pp. 7–9.

Willey, Lisabeth L., Jones, Michael T., Sievert, Paul R., Akre, Thomas S.B., Marchand, Michael, deMaynadier, Phillip, Yorks, Derek, Mays, Jonathan, Dragon, Jeffrey, Erb, Lori, Zarate, Brian, Kleopfer, John D., Gipe, Katharine D., Parren, Steve, Andrews, James, Roberts, H. Patrick, **Tamplin, Jeffrey W.,** Raithel, Christopher, Johnson, Lori, Ross, Angela M., Breisch, Alvin, Johnson, Glenn, Angus, Scott, Drasher, James, Wicklow, Barry. **2022.** Distribution models combined with standardized surveys reveal widespread habitat loss in a threatened turtle species. *Biological Conservation* 266(2022):109437. DOI [10.1016/j.biocon.2021.109437](https://doi.org/10.1016/j.biocon.2021.109437).

Otten, Joshua G., Hulbert, Austin C., Berg, Samuel W., and **Tamplin, Jeffrey W.** **2021.** Home range, site fidelity, and movement patterns of the Wood turtle (*Glyptemys insculpta*) at the southwestern edge of its range. *Chelonian Conservation and Biology* 20(2):231–241. DOI [10.2744/CCB-1463.1](https://doi.org/10.2744/CCB-1463.1).

## Journal Articles/Notes/Book Chapters (continued):

- Jones, M.T., **Tamplin, J.W.**, Akre, T.S.B., Phillips, G., Willey, L.L., and Saumure, R.A. **2021**. Chapter 2, Evolution of the Wood Turtle. In: M.T. Jones and L.L. Willey (eds.), *Biology and Conservation of the Wood Turtle, Glyptemys insculpta*. Pp. 21–42. Northeast Association of Fish and Wildlife Agencies.
- Jones, M.T., Willey, L.L., Crowley, J., Akre, T.S.B., DEMaynadier, P., Yorks, D.T., **Tamplin, J.W.**, Zarate, B., Saumure, R.A., Badje, A., Gipe, K.D., and Kleopfer, J.D. **2021**. Chapter 4, Distribution of the Wood Turtle. In: M.T. Jones and L.L. Willey (eds.), *Biology and Conservation of the Wood Turtle, Glyptemys insculpta*. Pp. 61–80. Northeast Association of Fish and Wildlife Agencies.
- Jones, M.T., Willey, L.L., Mays, J.D., Akre, T.S.B., **Tamplin, J.W.**, Gipe, K.D., Kleopfer, J.D. and Badje, A. **2021**. Chapter 5, Habitat of the Wood Turtle. In: M.T. Jones and L.L. Willey (eds.), *Biology and Conservation of the Wood Turtle, Glyptemys insculpta*. Pp. 81–111. Northeast Association of Fish and Wildlife Agencies.
- Willey, L.L., Akre, T.S.B., Jones, M.T., Brown, D., and **Tamplin, J.W.** **2021**. Chapter 6, Spatial Ecology and Seasonal Behavior of the Wood Turtle. In: M.T. Jones and L.L. Willey (eds.), *Biology and Conservation of the Wood Turtle, Glyptemys insculpta*. Pp. 113–136. Northeast Association of Fish and Wildlife Agencies.
- Tamplin, Jeffrey W.**, Anderson, Kaitlin J., Turcotte, Elizabeth A., and Myers, Mark C. **2020**. Effect of acclimation temperature and substrate type on selected temperature, movement and activity of juvenile spiny softshell turtles (*Apalone spinifera*) in an aquatic thermal gradient. *Journal of Thermal Biology* 93: 102701. DOI 10.1016/j.jtherbio.2020.102701
- Lapin, Carly N., **Tamplin, Jeffrey W.**, Cochrane, Madaline M., Woodford, James E., Brown, Donald J., and Moen, Ron A. **2019**. A regional analysis of *Glyptemys insculpta* (Wood Turtle) survival in the upper Midwest of the USA. *Herpetological Conservation and Biology* 14(3):668–679.
- Literman, Robert, Radhakrishnan, Srihari, **Tamplin, Jeff**, Burke, Russell, Dresser, Cassie, and Valenzuela, Nicole. 2017. Development of sexing primers in *Glyptemys insculpta* and *Apalone spinifera* turtles uncovers an XX/XY sex-determining system in the critically-endangered bog turtle *Glyptemys muhlenbergii*. *Conservation Genetics Resources* 9(4):651–658. DOI 10.1007/s12686-017-0711-7.
- Montiel, Eugenia E., Badenhorst, Daleen, **Tamplin, Jeffrey W.**, Burke, Russell L., and Valenzuela, Nicole. **2016**. Discovery of youngest sex chromosomes reveals first case of convergent co-option of ancestral autosomes in turtles. *Chromosoma* 126(1):105–113. DOI 10.1007/s00412-016-0576-7.
- Tamplin, Jeffrey, W.** (In Press). *Glyptemys insculpta* (LeConte, 1830). In: J. Christiansen and J. Parmelee (eds.), *Natural History of the Amphibians and Reptiles of Iowa*. University of Iowa Press, Iowa City, IA.
- Janes, Daniel E., Organ, Christopher L., Stiglec, Rami, O’Meally, Denis, Sarre, Stephen D., Georges, Arthur, Graves, Jennifer A. M., Valenzuela, Nicole, Literman, Robert A., Rutherford, Kim, Gemmel, Neil, Iverson, John B., **Tamplin, Jeffrey, W.**, Edwards, Scott V., and Ezaz, Tariq. **2014**. Molecular evolution of *Dmrt1* accompanies change of sex-determining mechanisms in reptilia. *Biology Letters* 10: 20140809. <http://dx.doi.org/10.1098/rsbl.2014.0809>.
- Tamplin, Jeffrey W.**, Moran, Victoria F., and Riesberg, Emily J. **2013**. Response of juvenile diamond-backed terrapins (*Malaclemys terrapin*) to an aquatic thermal gradient. *Journal of Thermal Biology* 38 (2013): 434–439. DOI 10.1016/j.jtherbio.2013.06.005.
- Tamplin, Jeffrey, W.**, and Cyr, Andrew, B. **2011**. Effects of acclimation and egg-incubation temperature on selected temperature of hatchling Western painted turtles (*Chrysemys picta bellii*). *Journal of Thermal Biology* 36 (2011): 507–514. DOI 10.1016/j.jtherbio.2011.09.001.
- Tamplin, Jeffrey, W.**, Dostart, Alexa D., Miller, Derek J., and Thomas, Jamie L. **2010**. Geographic distribution. *Plestiodon laticeps*. *Herpetological Review* 41(4):513.
- Tamplin, Jeffrey W.** **2010**. *Apalone spinifera*–Maximum Clutch Size. *Herpetological Review* 41(3): 344–345.

### Journal Articles/Notes/Book Chapters (continued):

- Tamplin, Jeffrey, W. 2010.** Geographic distribution. *Apalone mutica mutica*. Herpetological Review 41(2):242.
- Tamplin, Jeffrey, W. 2010.** Geographic distribution. *Thamnophis proximus proximus*. Herpetological Review 41(2):245–246.
- Spradling, Theresa A., **Tamplin, Jeffrey W.**, Dow, Samantha S., and Meyer, K. J. **2010.** Conservation genetics of a peripherally isolated population of the wood turtle (*Glyptemys insculpta*) in Iowa. Conservation Genetics (2010) 11:1667–1677. DOI 10.1007/s10592-010-0059-y.
- Tamplin, Jeffrey W.**, Husveth, Jason J., and Carolan, Amy L. **2009.** *Emydoidea blandingii*–Clutch Size. Herpetological Review 40(2):214.
- Tamplin, Jeffrey W.**, Snodgrass, Joel B., and Yeoman, Devin B. **2009.** *Glyptemys insculpta*–Diet. Herpetological Review 40(1):74–75.
- Tamplin, Jeff. 2009.** Effect of age and body size on selected temperature by juvenile wood turtles (*Glyptemys insculpta*). Journal of Thermal Biology 34: 41–48.
- Feltz, Jeremiah, and **Tamplin, Jeff. 2007.** Effect of substrate on selected temperature in juvenile spiny softshell turtles (*Apalone spinifera*). Chelonian Conservation and Biology 6(2): 177–184.
- Tamplin, J. W. 2006.** *Glyptemys insculpta*–Diet. Herpetological Review 37(4): 456–457.
- Tamplin, J. W. 2006.** Response of hatchling wood turtles (*Glyptemys insculpta*) to an aquatic thermal gradient. Journal of Thermal Biology 31:400–405.
- Foltz, D. W., J. P. Breaux, E. L. Campagnaro, S. W. Herke, A. E. Himel, A. W. Hrinkevich, **J. W. Tamplin**, and W.B. Stickle. **1996.** Limited morphological differences between genetically identified cryptic species within the *Leptasterias* species complex (Echinodermata: Asteroidea). Canadian Journal of Zoology 74:1275–1283.
- Tamplin, J. W.**, J. W. Demastes, and J. V. Remsen, Jr. **1993.** Biochemical and morphometric relationships among some members of the Cardinalinae. The Wilson Bulletin 105(1): 93–113.
- Doody, J. S., and **J. W. Tamplin. 1992.** An efficient marking technique for softshelled turtles. Herpetological Review 23(2):54–56.
- Hammer, W. R., W. J. Hickerson, S. Krippner, and **J. W. Tamplin. 1991.** Therapsids, temnospondyls, and dinosaurs from the Fremouw formation and Falla formations, Beardmore Glacier region, Antarctica. Antarctic Journal of the United States 26(5):19–20.
- Hammer, W. R., W. J. Ryan, **J. W. Tamplin**, and S. L. DeFauw. **1986.** New vertebrates from the Fremouw formation (Triassic) Beardmore Glacier region, Antarctica. Antarctic Journal of the United States 21(5):24–26.

### Research and Technical Reports (34 total):

- Tamplin, Jeffrey W. 2024.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 8. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. February 15, 2024. 38 pp.
- Tamplin, Jeffrey W. 2023.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 7. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. November 15, 2023. 54 pp.
- Tamplin, Jeffrey W. 2023.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 6. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. August 15, 2023. 42 pp.
- Tamplin, Jeffrey W. 2023.** Upper Midwestern Turtle Conservation (Phase 3) Annual Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. May 15, 2023. 37 pp.
- Tamplin, Jeffrey W. 2023.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 5. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. February 15, 2023. 29 pp.

## **Research and Technical Reports (continued):**

- Tamplin, Jeffrey W. 2022.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 4. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. November 15, 2022. 34 pp.
- Tamplin, Jeffrey W. 2022.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 3. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. August 15, 2022. 22 pp.
- Tamplin, Jeffrey W. 2022.** Upper Midwestern Turtle Conservation (Phase 3) Annual Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. May 15, 2022. 17 pp.
- Tamplin, Jeffrey W. 2022.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. February 15, 2022. 24 pp.
- Tamplin, Jeffrey W. 2021.** Upper Midwestern Turtle Conservation (Phase 3) Quarterly Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. November 15, 2021. 26 pp.
- Tamplin, Jeffrey W. 2019.** Upper Midwestern Turtle Conservation (Phase 2) Final Report. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. July 15, 2019. 40 pp.
- Tamplin, Jeffrey W. 2019.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 7. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. March 15, 2019. 23 pp.
- Tamplin, Jeffrey W. 2019.** Upper Midwestern Turtle Conservation (Phase 2) Annual Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. January 15, 2019. 24 pp.
- Tamplin, Jeffrey W. 2018.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 6. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. September 15, 2018. 18 pp.
- Tamplin, Jeffrey W. 2018.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 5. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. June 15, 2018. 19 pp.
- Tamplin, Jeffrey W. 2018.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 4. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. March 15, 2018. 17 pp.
- Tamplin, Jeffrey W. 2018.** Upper Midwestern Turtle Conservation (Phase 2) Annual Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. January 15, 2018. 17 pp.
- Tamplin, Jeffrey W. 2017.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 3. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. September 15, 2017. 17 pp.
- Tamplin, Jeffrey W. 2017.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. June 15, 2017. 12 pp.
- Tamplin, Jeffrey W. 2017.** Upper Midwestern Turtle Conservation (Phase 2) Quarterly Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. March 15, 2017. 12 pp.
- Tamplin, Jeffrey W. 2016.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Final Report. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. August 31, 2016. 41 pp.

### Research and Technical Reports (continued):

- Tamplin, Jeffrey W. 2016.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 7. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. May 15, 2016. 11 pp.
- Tamplin, Jeff, Berg, Sam, George, Jeremy, and Otten, Josh. 2016.** Status, Home Range size, and Habitat Usage of the Endangered Wood Turtle, *Glyptemys insculpta*, in Black Hawk County, Iowa. Final Report to the Black Hawk County Conservation Board. March 10, 2016. 23 pp.
- Tamplin, Jeffrey W. 2016.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Annual Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. February 15, 2016. 21 pp.
- Tamplin, Jeffrey W. 2015.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 6. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. November 15, 2016. 14 pp.
- Tamplin, Jeffrey W. 2015.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 5. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. August 15, 2015. 13 pp.
- Tamplin, Jeffrey W. 2015.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 4. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. May 15, 2015. 8 pp.
- Tamplin, Jeffrey W. 2015.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Annual Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. February 15, 2015. 15 pp.
- Jones, Michael T., and Willey, Lisabeth L., (eds.) **2015.** Status and Conservation of the Wood Turtle in the Northeastern United States. (\***Tamplin, Jeff**, major contributor and collaborator, West Virginia section). State Wildlife Grant and Northeast Regional Conservation Needs Program Report. January, 2015. 288 pp.
- Tamplin, Jeffrey W. 2014.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 3. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. November 15, 2014. 11 pp.
- Tamplin, Jeffrey W. 2014.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 2. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. August 15, 2014. 8 pp.
- Tamplin, Jeffrey W. 2014.** Upper Midwestern Riverine Turtle Habitat Improvement (Phase 1) Quarterly Report 1. Iowa State Wildlife Grant-Competitive Program. State of Iowa Department of Natural Resources. May 15, 2014. 7 pp.
- Tamplin, Jeff, Berg, Sam, and Williams, Jessica. 2012.** The Status and Habitat Usage of the Endangered Wood Turtle, *Glyptemys insculpta*, in Beaver Creek Falls Access Area (Black Hawk County). Final Report to the Black Hawk County Conservation Board. December 10, 2012. 8 pp.

### Conference Proceedings, Posters, and Published Abstracts (9 total):

- Alexander, Ayrin, **Tamplin, Jeff**, Kinkead, and Tucker, Anna. **2024.** Habitat Suitability Model Reveals Realized and Potential Wood Turtle Habitat in Iowa. The Wildlife Society Annual Conference. February 28–29, 2024, Iowa State University, Ames, IA.
- Lapin, Carly N., **Jeffrey W. Tamplin**, Madaline M. Cochrane, James E. Woodford, Donald J., Brown, and Ron A. Moen. **2020.** A regional analysis of *Glyptemys insculpta* (Wood Turtle) survival in the upper Midwest of the USA. Proceedings of the 80<sup>th</sup> Midwest Fish & Wildlife Conference. January 26–29, 2020, Springfield, IL.

### Conference Proceedings, Posters, and Published Abstracts (continued):

- Brown, Donald J., Ron A. Moen, Maria Berkeland, Carly N. Lapin, **Jeffrey W. Tamplin**, and Madaline M. Cochrane. **2019**. Abundance Trends and Vital Rates of Wood Turtle Populations in the Upper Midwest. Spotted, Blanding's and Wood Turtle Conservation Symposium Program and Abstracts; November 5–6, 2019, Berkeley Springs, WV. p. 8.
- Berg, S. W., and **J. W. Tamplin**. **2013**. Does sex affect temperature regulation and seasonal activity patterns by wood turtles (*Glyptemys insculpta*) in a suburban population from Black Hawk County, Iowa? In A. D. Walde, J. D. Riedle, E. M. Walton, and A. Currylow (Eds.) Program and Abstracts of the Eleventh Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, St. Louis, MO. pp. 15–16.
- Yadav, N., D. Saunders, and **J. Tamplin**. **2013**. Comparison of blood coagulation factors and inhibitors between hibernating and non-hibernating wood turtles (*Glyptemys insculpta*). In A. D. Walde, J. D. Riedle, E. M. Walton, and A. Currylow (Eds.) Program and Abstracts of the Eleventh Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, St. Louis, MO. p. 54.
- Hammen, J. J., and **J. W. Tamplin**. **2009**. Does gender affect seasonal microhabitat selection by wood turtles (*Glyptemys insculpta*) in Butler County, Iowa? In C. Schaffer, A. Walde, E. Walton, and R. Schaffer (Eds.) Program and Abstracts of the Seventh Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, St. Louis, MO. p. 18.
- Moran, V. F., and **J. W. Tamplin**. **2009**. Does acclimation temperature affect growth rates and movement of juvenile diamond-backed terrapins (*Malaclemys terrapin*)? In C. Schaffer, A. Walde, E. Walton, and R. Schaffer (Eds.) Program and Abstracts of the Seventh Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, St. Louis, MO. p. 30.
- Riesberg, E. J., and **J. W. Tamplin**. **2009**. Effects of age and acclimation temperature on selected temperature by juvenile diamond-backed terrapins (*Malaclemys terrapin*). In C. Schaffer, A. Walde, E. Walton, and R. Schaffer (Eds.) Program and Abstracts of the Seventh Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, St. Louis, MO. p. 33.
- Tamplin, J. W.**, and W. B. Stickle. **1998**. Effects of temperature, feeding, and starvation on the activity and oxygen consumption rate of *Leptasterias epichlora*. Proceedings of the 9th International Echinoderm Conference (San Francisco). A. A. Balkema Publishing Co., Boston.

### Published Scientific Illustrations (205 total):

- Copeia. **2009**. Berendzen, P. B., W. M. Olson, and S. M. Barron. The Utility of Molecular Hypotheses for Uncovering Morphological Diversity in the *Notropis rubellus* Species Complex (Cypriniformes: Cyprinidae). Copeia 2009 (4): 663.
- Ecology and Classification of North American Freshwater Invertebrates. **2001**. Thorp, Alan P., and James H. Covich, Eds. Brown, Kenneth M. Chapter 10, Mollusca: Gastropoda. 70 illustrated figures on 6 plates; Figures 13–18, pp. 317–324.
- Introductory Zoology Laboratory Guide*. **1997**. 115 illustrated figures. Morton Publishing Co., Englewood, Colorado, 303 pp., 1st edition.
- Chemical Senses. **1996**. Chang, Qinhui, and John Caprio, Electrophysiological Evidence for the Broad Distribution of Specific Odorant Receptor Molecules across the Olfactory Organ of the Channel Catfish. Illustration of *Ictalurus punctatus* left olfactory organ and single lamella. Figure 1. Chemical Senses 21: 521.
- Introductory Zoology Laboratory Manual*. **1994**. 109 illustrated figures. W. C. Brown Publishing Co., Dubuque, Iowa, 271 pp., 1st edition.
- Journal of Herpetology. **1993**. Cover illustration of *Apalone spinifera*. Journal of Herpetology Volume 27, Nos. 1–4.

### Published Scientific Illustrations (continued):

- Herpetological Review. **1993**. Cover illustrations of several *Thamnophis* species, illustration of *Ambystoma maculatum*. Volume 25, No. 1.
- Herpetological Review. **1992**. Illustration of *Rana pipiens*. Herpetological Review 23 (1): 41.
- Marine Biology. **1992**. Sarver, S. K., M. C. Landrum, and D. W. Foltz. Genetics and taxonomy of ribbed muscles (*Geukensia* spp.). Marine Biology 113: 388, 389.
- Marine Biology. **1990**. Population genetics and systematics of the *Leptasterias hexactis* Echinodermata: Asteroidea) species complex. Marine Biology 105: 481.
- Canadian Journal of Zoology. **1990**. Stickle, W. B., L.-L. Liu, and D. W. Foltz. Allozymic and physiological variation in populations of sea urchins (*Strongylocentrotus* spp.). Canadian Journal of Zoology 68 (1): 145.

### Published Photographs (4 total):

- Tamplin, Jeff. 2024**. Photograph of female and male adult wood turtles. Figure 35, page 94, *In*: VanDeWalle, Terry. *In Press*. The Natural History of the Turtles of Iowa. University of Iowa Press, Iowa City, Iowa.
- Tamplin, Jeff. 2024**. Photograph of hatchling wood turtle. Figure 39, page 106, *In*: VanDeWalle, Terry. *In Press*. The Natural History of the Turtles of Iowa. University of Iowa Press, Iowa City, Iowa.
- Tamplin, Jeff. 2021**. Photograph of poached wood turtle shell from Black Hawk County, Iowa. Figure 4B, page 674, *In*: Jones, M.T., Gipe, K.D., Kleopfer, J.D., deMaynadier, P., Willey, L.L., Zarate, B., Saumure, R.A., Marchand, M. and S. Parren. 2021. Chapter 8, Threats and Predators of the Wood Turtle. *In*: M.T. Jones and L.L. Willey (eds.), *Biology and Conservation of the Wood Turtle, Glyptemys insculpta*. Pp. 157–178. Northeast Association of Fish and Wildlife Agencies.
- Tamplin, Jeffrey. 2019**. Photograph of depredated juvenile wood turtle from Butler County, Iowa. Figure 4B, page 674, *In*: Lapin, Carly N., Tamplin, Jeffrey W., Cochran, Madaline M., Woodford, James E., Brown, Donald J., and Moen, Ron A. 2019. A regional analysis of *Glyptemys insculpta* (Wood Turtle) survival in the upper Midwest of the USA. *Herpetological Conservation and Biology* 14(3):668–679.
-

## MEASUREMENTS OF TEACHING QUALITY [JEFF TAMPLIN]

**100 semesters, 32 courses (including individualized instruction courses), 391 sections, ~14,850 students**

**A. “Rate My Professor” score: 4.9/5.0 (121 ratings at the University of Northern Iowa; highest score among any faculty at UNI with over 50 ratings)**

### B. Department of Biology, University of Northern Iowa

**Fall 2001 – Fall 2019 (evaluations not conducted 2016 – 2017)**

**Courses: BIOL 051(2051), 101, 102, 160 (2160), 174 (3174), 3100, 3160**

**Summary score for instruction quality [identified as “teaching effectiveness” (2001 – 2014) or “overall teaching quality” (2015 – 2023)]; (Range = 0.000 – 4.000)**

<b>Semester</b>	<b>Course/section</b>	<b>Tamplin (Lab)</b>	
Spring 2023	Biol 3160:01	3.266	<b>Post-tenure mean = 3.861 (4.000)</b>
Spring 2022	Biol 6286:01	4.000	
Spring 2022	Biol 3160:01	4.000	
Fall 2021	Biol 2051:01 (Lab G)	3.947	
Fall 2021	Biol 3100:03	4.000	
Fall 2021	Biol 3100:05	4.000	
Spring 2021	Biol 6202:01	4.000	
Fall 2020	Biol 2051:01 (online)	3.472	
Fall 2020	Biol 3100:04	4.000	
Spring 2020	Biol 3100:04	3.778	
Spring 2020	Biol 3190:31	4.000	
Spring 2020	Biol 3191:31	4.000	
Spring 2020	Biol 4198:31	4.000	
Fall 2019	Biol 2051:01 (Lab C)	3.889	
Fall 2019	Biol 3100:04	3.933	
Fall 2019	Biol 3100:05	3.929	
Spring 2019	Biol 3100:03	4.000	
Spring 2019	Biol 3100:05	4.000	
Fall 2018	Biol 2051:01-09 (02)	3.586 (3.667)	
Spring 2018	Biol 3160:01	4.000	
Spring 2015	Biol 3100:04	3.846	
Spring 2015	Biol 3100:05	4.000	
Spring 2015	Biol 2051:03	3.882	
Spring 2014	Biol 3100:04	3.917	
Spring 2014	Biol 2051:02	3.923	
Spring 2013	Biol 3100:05	4.000	
Spring 2013	Biol 2051:01	3.941	
Spring 2013	Biol 2051:03	4.000	
Fall 2012	Biol 2051:01-10 (03)	3.706 (3.905)	
Summer 2012	Biol 3174:60	3.571	
Spring 2012	Biol 3160:01	3.846	
Fall 2011	Biol 3100:03	3.941	
Fall 2011	Biol 2051:02	3.687	
Summer 2011	Biol 840:174:63	4.000	
Spring 2011	Biol 840:051:01-07 (01, 03)	3.797 (3.889)	
Fall 2010	Biol 840:051:01-08 (01, 03)	3.768 (3.895)	
Fall 2009	Biol 840:051:01-07 (01, 03)	3.773 (3.958)	
Spring 2009	Biol 840:051:01-06 (02, 04)	3.784 (3.872)	
Fall 2008	Biol 840:051:01-07 (01, 03, 06)	3.823 (3.854)	
Spring 2008	Biol 840:051:01-07 (02, 04)	3.794 (3.914)	
Fall 2007	Biol 840:051:01-07 (02, 04)	3.642 (3.666)	<b>(Post-tenure)</b>

Spring 2007	Biol 840:051:01-07 (02, 04)	3.339 (3.462)	<b>(Pre-tenure)</b> <b>mean = 3.736 (4.000)</b>
Fall 2006	Biol 840:051:01-06 (02, 04)	3.667 (3.578)	
Spring 2006	Biol 840:051:01-05 (02, 04)	3.772 (3.934)	
Fall 2005	Biol 840:051:01-06 (02, 04)	3.596 (3.844)	
Spring 2005	Biol 840:051:01-05 (01, 03)	3.641 (3.676)	
Fall 2004	Biol 840:051:01-06 (01, 02)	3.761 (3.830)	
Spring 2004	Biol 840:160-02	4.000	
Spring 2004	Biol 840:051-02	3.889	
Fall 2003	Biol 840:051:01-06 (01, 02)	3.620 (3.526)	
Fall 2003	Biol 840:101-07	3.681	
Spring 2003	Biol 840:051:01-04 (01, 02)	3.789 (3.831)	
Fall 2002	Biol 840:051:01-10 (04, 07)	3.708 (3.921)	
Spring 2002	Biol 840:051-01	3.750	
Spring 2002	Biol 840:051-02	3.875	
Spring 2002	Biol 840:102-05	3.607	
Fall 2001	Biol 840:051-04	3.783	
Fall 2001	Biol 840:101-02	3.857	
Fall 2001	Biol 840:101-07	3.929	

**Overall mean = 3.813 (out of 4.000)**

**C. Department of Biological Sciences, College of Basic Sciences, Louisiana State University**

**Evaluation of Instruction; Semester Summaries (Spring 2001 - Fall 1989)**

**INSTRUCTOR: TAMPLIN, J. [Lecture Courses: BIO 1001, 1002, 1201, 1202, 1502]**

**Summary score for instruction quality (range: 0.0 - 10.0)**

<u>Semester</u>	<u>Course/section</u>	<u>Tamplin</u>	<u>Department</u>	<u>College</u>
Summer 2001	Biol 1502-01	9.587	7.612	8.437
Spring 2001	Biol 1202-04	8.903	8.709	8.303
Fall 2000	Biol 1202-03	9.479	7.821	7.698
Fall 2000	Biol 1202-02	9.105	7.821	7.698
Summer 2000	Biol 1502-01	9.667	7.804	8.234
Spring 2000	Biol 1502-05	9.533	7.963	7.761
Spring 2000	Biol 1502-03	9.677	7.963	7.761
Fall 1999	Biol 1502-03	9.338	7.616	7.518
Fall 1999	Biol 1001-07	9.704	7.954	7.604
Summer 1999	Biol 1502-01	9.679	8.518	8.266
Spring 1999	Biol 1502-03	9.612	7.954	7.604
Spring 1999	Biol 1502-05	9.672	7.954	7.604
Fall 1998	Biol 1201-02	8.557	7.755	7.650
Spring 1997	Biol 1002-06	9.417	8.380	7.820
Fall 1996	Biol 1001-09	9.677	7.836	7.457
Spring 1995	Biol 1002-08	9.259	8.332	7.997
Spring 1994	Biol 1002-08	9.733	7.761	7.544
Fall 1993	Biol 1001-10	9.321	7.303	7.647
Intersession 1993	Biol 1002-01,02	9.664	-----	-----
Spring 1993	Biol 1002-08	9.926	7.769	7.517
Spring 1992	Biol 1002-1S	9.717	-----	-----
Fall 1991	Biol 1001-1A	9.925	7.654	7.454
Intersession 1991	Biol 1001-1	-----	-----	-----
Intersession 1991	Biol 1002-1	-----	-----	-----
Spring 1991	Biol 1001-1A	9.688	-----	-----
Intersession 1990	Biol 1001-01	-----	-----	-----
Intersession 1990	Biol 1002-01	-----	-----	-----
Fall 1989	Biol 1001-1A	-----	-----	-----
	<b>Mean</b>	<b>9.516</b>	<b>7.924</b>	<b>7.779</b>

----- = teaching evaluations conducted but numerical score not calculated for instructors

**TEACHING PROFILE AT THE UNIVERSITY OF NORTHERN IOWA (2001 – Present)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 840:101	-	2,7	Anatomy and Physiology I Lab	Fall 2001
Biol 840:051	-	4	General Biology I Lab	Fall 2001
Biol 840:102	-	5	Anatomy and Physiology II Lab	Spring 2002
Biol 840:051	-	1,2	General Biology I Lab	Spring 2002
Biol 840:185	1	31	Readings in Biology	Spring 2002
Biol 840:190	3	31	UG Research in Biology	Spring 2002
Biol 840:179	1	31	Cooperative Education	Summer 2002
Biol 840:051	4	1-10	General Biology I	Fall 2002
Biol 840:051	-	4, 7	General Biology I Lab	Fall 2002
Biol 840:051	4	1-4	General Biology I	Spring 2003
Biol 840:051	-	1, 2	General Biology I Lab	Spring 2003
Biol 840:179	3	31	Cooperative Education	Spring 2003
Biol 840:185	1	31	Readings in Biology	Spring 2003
Biol 840:198	2	31	Independent Study	Spring 2003
Biol 840:299	2	31	Graduate Research in Biology	Spring 2003
Biol 840:051	4	1	General Biology I	Summer 2003
Biol 840:179	1	31	Cooperative Education	Summer 2003
Biol 840:051	4	1-6	General Biology I	Fall 2003
Biol 840:051	-	1, 2	General Biology I Lab	Fall 2003
Biol 840:101	-	7	Anatomy and Physiology I Lab	Fall 2003
Biol 840:179	1	31	Cooperative Education	Fall 2003
Biol 840:190	3	31	UG Research in Biology	Fall 2003
Biol 840:230	6	31	Special Problems in Biology	Fall 2003
Biol 840:299	2	31	Graduate Research in Biology	Fall 2003
Biol 840:051	-	2	General Biology I Lab	Spring 2004
Biol 840:160	-	2	Field Zoology of the Vertebrates Lab	Spring 2004
Biol 840:179	1-4	31	Cooperative Education	Spring 2004
Biol 840:185	1	31	Readings in Biology	Spring 2004
Biol 840:190	3	31	UG Research in Biology	Spring 2004
Biol 840:051	4	1	General Biology I	Summer 2004
Biol 840:179	2-3	31	Cooperative Education	Summer 2004
Biol 840:051	4	1-6	General Bio: Organismal Diversity	Fall 2004
Biol 840:051	-	1, 2	General Bio: Organismal Diversity Lab	Fall 2004
Biol 840:179	1-3	31	Cooperative Education	Fall 2004
Biol 840:190	3	31	UG Research in Biology	Fall 2004
Biol 840:198	2	31	Independent Study	Fall 2004
Biol 840:051	4	1-5	General Bio: Organismal Diversity	Spring 2005
Biol 840:051	-	1, 3	General Bio: Organismal Diversity Lab	Spring 2005
Biol 840:179	3	31	Cooperative Education	Spring 2005
Biol 840:185	1	31	Readings in Biology	Spring 2005
Biol 840:190	3	31	UG Research in Biology	Spring 2005
Biol 840:198	2	31	Independent Study	Spring 2005
Biol 840:179	2-3	31	Cooperative Education	Summer 2005
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Fall 2005
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Fall 2005
Biol 840:185	1	31	Readings in Biology	Fall 2005
Biol 840:190	1-3	31	UG Research in Biology	Fall 2005
Biol 840:198	2	31	Independent Study	Fall 2005
Biol 840:051	4	1-5	General Bio: Organismal Diversity	Spring 2006

**TEACHING PROFILE AT THE UNIVERSITY OF NORTHERN IOWA (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Spring 2006
Biol 840:179	1-3	31	Cooperative Education	Spring 2006
Biol 840:198	1-2	31	Independent Study	Spring 2006
Biol 840:179	2	31	Cooperative Education	Summer 2006
Biol 840:051	4	1-6	General Bio: Organismal Diversity	Fall 2006
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Fall 2006
Biol 840:179	1-3	31	Cooperative Education	Fall 2006
Biol 840:198	1-2	31	Independent Study	Fall 2006
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Spring 2007
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Spring 2007
Biol 840:179	1-3	31	Cooperative Education	Spring 2007
Biol 840:185	1	31	Readings in Biology	Spring 2007
Biol 840:190	2	31	UG Research in Biology	Spring 2007
Biol 840:198	1-3	31	Independent Study	Spring 2007
Biol 840:179	2-3	31	Cooperative Education	Summer 2007
Biol 840:198	2	31	Independent Study	Summer 2007
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Fall 2007
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Fall 2007
Biol 840:179	1-3	31	Cooperative Education	Fall 2007
Biol 840:190	2-3	31	UG Research in Biology	Fall 2007
Biol 840:198	1-2	31	Independent Study	Fall 2007
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Spring 2008
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Spring 2008
Biol 840:179	3	31	Cooperative Education	Spring 2008
Biol 840:190	2	31	UG Research in Biology	Spring 2008
Biol 840:198	1-2	31	Independent Study	Spring 2008
Biol 840:174	3	1	Field Biology: Herpetology	Summer 2008
Biol 840:179	3	31	Cooperative Education	Summer 2008
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Fall 2008
Biol 840:051	-	1, 3, 6	General Bio: Organismal Diversity Lab	Fall 2008
Biol 840:179	1	31	Cooperative Education	Fall 2008
Biol 840:198	1	31	Independent Study	Fall 2008
Biol 840:051	4	1-6	General Bio: Organismal Diversity	Spring 2009
Biol 840:051	-	2, 4	General Bio: Organismal Diversity Lab	Spring 2009
Biol 840:185	1	31	Readings in Biology	Spring 2009
Biol 840:190	1-2	31	UG Research in Biology	Spring 2009
Biol 840:198	2	31	Independent Study	Spring 2009
Biol 840:174	3	1	Field Biology: Herpetology	Summer 2009
Biol 840:179	1	31	Cooperative Education	Summer 2009
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Fall 2009
Biol 840:051	-	1, 3	General Bio: Organismal Diversity Lab	Fall 2009
Biol 840:190	1-2	31	UG Research in Biology	Fall 2009
Biol 840:198	2	31	Independent Study	Fall 2009
Biol 840:174	3	1	Field Biology: Herpetology	Summer 2010
Biol 840:179	1	3	Cooperative Education	Summer 2010
Biol 840:051	4	1-8	General Bio: Organismal Diversity	Fall 2010
Biol 840:051	-	1, 3	General Bio: Organismal Diversity Lab	Fall 2010
Biol 840:190	1-2	31	UG Research in Biology	Fall 2010
Biol 840:198	1-2	31	Independent Study	Fall 2010
Biol 840:051	4	1-7	General Bio: Organismal Diversity	Spring 2011

**TEACHING PROFILE AT THE UNIVERSITY OF NORTHERN IOWA (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 840:051	-	1, 3	General Bio: Organismal Diversity Lab	Spring 2011
Biol 840:190	2	31	UG Research in Biology	Spring 2011
Biol 840:191	1	31	Senior Thesis	Spring 2011
Biol 840:198	2	31	Independent Study	Spring 2011
Biol 840:174	3	63	Field Biology: Herpetology	Summer 2011
Biol 2051	-	2	General Bio: Organismal Diversity Lab	Fall 2011
Biol 3100	3	3	Ecology, Evolution, Nature of Science	Fall 2011
Biol 3190	2	31	UG Research in Biology	Fall 2011
Biol 4198	2	31	Independent Study	Fall 2011
Biol 6292	1	31	Research Methods in Biology	Fall 2011
Biol 6299	1	31	Graduate Research	Fall 2011
Biol 3160	4	1	Field Zoology of the Vertebrates	Spring 2012
Biol 3160	-	1	Field Zoology of the Vertebrates Lab	Spring 2012
Biol 3174	3	1	Field Biology: Herpetology	Summer 2012
Biol 2051	3	1-10	General Bio: Organismal Diversity	Fall 2012
Biol 2051	-	3	General Bio: Organismal Diversity Lab	Fall 2012
Biol 3179	1	31	Cooperative Education	Fall 2012
Biol 3190	1	31	UG Research in Biology	Fall 2012
Biol 4198	1-2	31	Independent Study	Fall 2012
Biol 6292	1	31	Research Methods in Biology	Fall 2012
Biol 6299	4	31	Graduate Research	Fall 2012
Biol 2051	-	1, 3	General Bio: Organismal Diversity Lab	Spring 2013
Biol 3100	3	5	Evolution, Ecology, & Nat. Science	Spring 2013
Biol 3179	3	31	Cooperative Education	Spring 2013
Biol 3190	1-3	31	UG Research in Biology	Spring 2013
Biol 4198	1	31	Independent Study	Spring 2013
Biol 6230	2	31	Special Problems in Biology	Spring 2013
Biol 629R	2-3	31	Directed Research	Spring 2013
Biol 6299	3-5	31	Graduate Research	Spring 2013
Biol 3174	3	60	Field Biology: Herpetology	Summer 2013
Biol 2051	-	3	General Bio: Organismal Diversity Lab	Fall 2013
Biol 3100	3	2,4	Evolution, Ecology, & Nat. Science	Fall 2013
Biol 3190	2	31	UG Research in Biology	Fall 2013
Biol 4198	1-2	31	Independent Study	Fall 2013
Biol 6292	1	31	Research Methods in Biology	Fall 2013
Biol 6299	1-2	31	Graduate Research	Fall 2013
Biol 2051	-	2	General Bio: Organismal Diversity Lab	Spring 2014
Biol 3100	3	4	Evolution, Ecology, & Nat. Science	Spring 2014
Biol 3179	1-3	31	Cooperative Education	Spring 2014
Biol 3185	1	31	Readings in Biology	Spring 2014
Biol 4198	1-2	31	Independent Study	Spring 2014
Biol 6230	3	31	Special Problems in Biology	Spring 2014
Biol 6299	2	31	Graduate Research	Spring 2014
Biol 3174	3	60	Field Biology: Herpetology	Summer 2014
Biol 3179	3	31	Cooperative Education	Summer 2014
Biol 2051	3	1-10	General Bio: Organismal Diversity	Fall 2014
Biol 2051	-	4,6	General Bio: Organismal Diversity Lab	Fall 2014
Biol 3179	1-3	31	Cooperative Education	Fall 2014
Biol 4198	1-2	31	Independent Study	Fall 2014
Biol 6299	5	31	Graduate Research	Fall 2014

**TEACHING PROFILE AT THE UNIVERSITY OF NORTHERN IOWA (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 2051	-	3	General Bio: Organismal Diversity Lab	Spring 2015
Biol 3100	3	4,5	Evolution, Ecology, & Nat. Science	Spring 2015
Biol 3179	2	31	Cooperative Education	Spring 2015
Biol 3190	2	31	UG Research in Biology	Spring 2015
Biol 4198	1-2	31	Independent Study	Spring 2015
Biol 6230	3	31	Special Problems in Biology	Spring 2015
Biol 629R	3-4	31	Directed Research	Spring 2015
Biol 6299	1-2	31	Graduate Research	Spring 2015
Biol 2051	3	1-8	General Bio: Organismal Diversity	Fall 2015
Biol 3100	3	3	Evolution, Ecology, & Nat. Science	Fall 2015
Biol 3179	1	31	Cooperative Education	Fall 2015
Biol 3190	3	31	UG Research in Biology	Fall 2015
Biol 4198	1	31	Independent Study	Fall 2015
Biol 2051	-	3, 5	General Bio: Organismal Diversity Lab	Spring 2016
Biol 3100	3	2	Evolution, Ecology, & Nat. Science	Spring 2016
Biol 3179	2	31	Cooperative Education	Spring 2016
Biol 4198	1	31	Independent Study	Spring 2016
Biol 3179	1	31	Cooperative Education	Summer 2016
Biol 2051	-	2	General Bio: Organismal Diversity Lab	Fall 2016
Biol 3100	3	2, 4	Evolution, Ecology, & Nat. Science	Fall 2016
Biol 3179	2	31	Cooperative Education	Fall 2016
Biol 4198	1-2	31	Independent Study	Fall 2016
Biol 2051	-	3, 5	General Bio: Organismal Diversity Lab	Spring 2017
Biol 3100	3	5	Evolution, Ecology, & Nat. Science	Spring 2017
Biol 4198	1	31	Independent Study	Spring 2017
Biol 6292	1	31	Research Methods	Spring 2017
Biol 2051	-	3	General Bio: Organismal Diversity Lab	Fall 2017
Biol 3100	3	3	Evolution, Ecology, & Nat. Science	Fall 2017
Biol 3179	1	31	Cooperative Education	Fall 2017
Biol 4198	1-2	31	Independent Study	Fall 2017
Biol 6299	1	31	Graduate Research	Fall 2017
Biol 3160	4	1	Field Zoology of Vertebrates	Spring 2018
Biol 3160	-	1	Field Zoology of Vertebrates Lab	Spring 2018
Biol 4198	1	31	Independent Study	Spring 2018
Biol 6299	2	31	Graduate Research	Spring 2018
Biol 2051	3	1-9	General Bio: Organismal Diversity	Fall 2018
Biol 2051	-	2	General Bio: Organismal Diversity Lab	Fall 2018
Biol 4198	1-2	31	Independent Study	Fall 2018
Biol 6299	1	31	Graduate Research	Fall 2018
Biol 3100	3	3, 5	Evolution, Ecology, & Nat. Science	Spring 2019
Biol 4198	1-2	31	Independent Study	Spring 2019
Biol 2051	-	01: lab C	General Bio: Organismal Diversity Lab	Fall 2019
Biol 3100	3	4, 5	Evolution, Ecology, & Nat. Science	Fall 2019
Biol 3190	2-3	31	UG Research in Biology	Fall 2019
Biol 4198	1-2	31	Independent Study	Fall 2019
Biol 3100	3	4	Evolution, Ecology, & Nat. Science	Spring 2020
Biol 3190	2	31	UG Research in Biology	Spring 2020
Biol 3191	1	31	Senior Honors Thesis	Spring 2020
Biol 4198	1-3	31	Independent Study	Spring 2020
Biol 2051	4	01 (online)	General Bio: Organismal Diversity	Fall 2020

**TEACHING PROFILE AT THE UNIVERSITY OF NORTHERN IOWA (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 3100	3	5	Evolution, Ecology, & Nat. Science	Fall 2020
Biol 4198	2-3	31	Independent Study	Fall 2020
Biol 3160	4	1	Field Zoology of Vertebrates	Spring 2021
Biol 3160	-	1	Field Zoology of Vertebrates Lab	Spring 2021
Biol 3179	3	31	Cooperative Education	Spring 2021
Biol 3190	1-2	31	UG Research in Biology	Spring 2021
Biol 4198	2	31	Independent Study	Spring 2021
Biol 6202	1	1	Graduate Colloquium	Spring 2021
Biol 2051	-	Lab G	General Bio: Organismal Diversity	Fall 2021
Biol 3100	3	3, 5	Evolution, Ecology, & Nat. Science	Fall 2021
Biol 3179	4	31	Cooperative Education	Fall 2021
Biol 3190	2-3	31	UG Research in Biology	Fall 2021
Biol 4198	1-2	31	Independent Study	Fall 2021
Biol 3160	4	1	Field Zoology of Vertebrates	Spring 2022
Biol 3160	-	1	Field Zoology of Vertebrates Lab	Spring 2022
Biol 3190	1-2	31	UG Research in Biology	Spring 2022
Biol 3191	1	31	Senior Honors Thesis	Spring 2022
Biol 4198	1	31	Independent Study	Spring 2022
Biol 6286	4	1	Field Zoology of Vertebrates-Graduate	Spring 2022
Biol 6286	-	1	Field Zoology of Vertebrates Lab-Graduate	Spring 2022
Biol 3160	4	1	Field Zoology of Vertebrates	Spring 2023
Biol 3160	-	1	Field Zoology of Vertebrates Lab	Spring 2023
Biol 4198	1	31	Independent Study	Spring 2023
Biol 3160	4	1	Field Zoology of Vertebrates	Spring 2024
Biol 3160	4	1	Field Zoology of Vertebrates Lab	Spring 2024
Biol 4198	1	31	Independent Study	Spring 2024

**TEACHING PROFILE AT LOUISIANA STATE UNIVERSITY (1986 – 2001)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Zool 1001	4	6,8,23	Principles of Zoology I Lab	Fall 1986
Biol 1003	4	15,20	General Biology II Lab	Fall 1987
Zool 2151	4	3	Comparative Anat. of the Vertebrates Lab	Spring 1988
Vert. Biol.	-	-	Vertebrate Biology (Gifted & Talent. 12-18)	Summer 1988
Zool 1002	4	1,3,7,9	Principles of Zoology II Lab	Fall 1988
Zool 1209	1	1,4,8,12,14	Introductory Zoology Lab	Spring 1989
Zool 1209	1	1	Introductory Zoology Lab	Summer 1989
Biol 1001	3	1A	General Biology I	Fall 1989
Zool 1209	1	1,2	Introductory Zoology Lab	Fall 1989

**TEACHING PROFILE AT LOUISIANA STATE UNIVERSITY (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 1002	3	1A	General Biology II	Spring 1990
Zool 1209	1	1,2,5,6	Introductory Zoology Lab	Spring 1990
Biol 1001	3	1	General Biology I	Intersession 1990
Biol 1002	3	1	General Biology II	Intersession 1990
Zool 1209	1	2	Introductory Zoology Lab	Summer 1990
Biol 1001	3	1A	General Biology I	Fall 1990
Zool 1209	1	2,7	Introductory Zoology Lab	Fall 1990
Biol 1002	3	1A	General Biology II	Spring 1991
Zool 1209	1	2,4,6,8,10	Introductory Zoology Lab	Spring 1991
Biol 1001	3	1	General Biology I	Intersession 1991
Biol 1002	3	1	General Biology II	Intersession 1991
Biol 1001	3	1A	General Biology I	Fall 1991
Zool 1209	1	1,3,6	Introductory Zoology Lab	Fall 1991
Biol 1002	3	1S	General Biology II	Spring 1992
Zool 1203	4	1	Honors Zoology Lab	Spring 1992
Zool 1209	1	1,2,8,13	Introductory Zoology Lab	Spring 1992
Biol 1002	3	1,2	General Biology II	Intersession 1992
Biol 1001	3	1S	General Biology I	Fall 1992
Zool 1209	1	1,2,6	Introductory Zoology Lab	Fall 1992
Biol 1002	3	8	General Biology II	Spring 1993
Zool 1209	1	1,7,9	Introductory Zoology Lab	Spring 1993
Biol 1002	3	1,2	General Biology II	Intersession 1993
MCAT Prep	-	-	MCAT Biology	Summer 1993
Biol 1001	3	10	General Biology I	Fall 1993
Zool 1209	1	2,3,7	Introductory Zoology Lab	Fall 1993
Biol 1002	3	8	General Biology II	Spring 1994
MCAT Prep	-	-	MCAT Biology	Spring 1994
Zool 1209	1	2,5,8	Introductory Zoology Lab	Spring 1994
MCAT Prep	-	-	MCAT Biology	Summer 1994
Zool 1209	1	2,3,6,10	Introductory Zoology Lab	Fall 1994
Biol 1002	3	8	General Biology II	Spring 1995
MCAT Prep	-	-	MCAT Biology	Spring 1995
Zool 1209	1	2,11,13	Introductory Zoology Lab	Spring 1995
MCAT Prep	-	-	MCAT Biology	Summer 1995
Zool 1209	1	2,6,10	Introductory Zoology Lab	Fall 1995
MCAT Prep	-	-	MCAT Biology	Spring 1996
Zool 1209	1	2,6,7	Introductory Zoology Lab	Spring 1996
Zool 1209	1	2	Introductory Zoology Lab	Summer 1996
Biol 1001	3	9	General Biology I	Fall 1996
Zool 1209	1	2,6,10	Introductory Zoology Lab	Fall 1996
Biol 1002	3	6	General Biology II	Spring 1997
MCAT Prep	-	-	MCAT Biology	Spring 1997
Zool 1209	1	2,6,10,13	Introductory Zoology Lab	Spring 1997
Biol 1002	3	-	General Biology II (Correspondence)	Summer 1997
Biol 1002	3	-	General Biology II (Correspondence)	Fall 1997
Biol 1002	3	-	General Biology II (Correspondence)	Spring 1998
MCAT Prep	-	-	MCAT Biology	Spring 1998
Biol 1201	3	2	General Biology for Majors	Fall 1998
Biol 1509	1	6	Introductory Zoology Lab	Fall 1998
Biol 1002	3	-	General Biology II (Correspondence)	Fall 1998
Biol 1502	3	3,5	Introductory Zoology	Spring 1999

**TEACHING PROFILE AT LOUISIANA STATE UNIVERSITY (CON'T.)**

<b>Course</b>	<b>Credits</b>	<b>Section(s)</b>	<b>Title</b>	<b>Term</b>
Biol 1509	1	2,7	Introductory Zoology Lab	Spring 1999
MCAT Prep	-	-	MCAT Biology	Spring 1999
Biol 1002	3	-	General Biology II (Correspondence)	Spring 1999
Biol 1502	3	1	Introductory Zoology	Summer 1999
Biol 1002	3	-	General Biology II (Correspondence)	Summer 1999
Biol 1001	3	7	General Biology I	Fall 1999
Biol 1502	3	3	Introductory Zoology	Fall 1999
Biol 1509	1	7	Introductory Zoology Lab	Fall 1999
Biol 1002	3	-	General Biology II (Correspondence)	Fall 1999
Biol 1502	3	3,5	Introductory Zoology	Spring 2000
Biol 1509	1	1,6	Introductory Zoology Lab	Spring 2000
MCAT Prep	-	-	MCAT Biology	Spring 2000
Biol 1002	3	-	General Biology II (Correspondence)	Spring 2000
Biol 1502	3	1	Introductory Zoology	Summer 2000
Biol 1002	3	-	General Biology II (Correspondence)	Summer 2000
Biol 1202	3	2,3	Biology for Science Majors II	Fall 2000
Biol 1509	1	10	Introductory Zoology Lab	Fall 2000
Biol 1002	3	-	General Biology II (Correspondence)	Fall 2000
Biol 1202	3	4	General Biology II for Majors	Spring 2001
Biol 1509	1	9,10	Introductory Zoology Lab	Spring 2001
Biol 1002	3	-	General Biology II (Correspondence)	Spring 2001
MCAT Prep	-	-	MCAT Biology	Spring 2001
Biol 1502	3	1	Introductory Zoology	Summer 2001