

**WILL SELMAN**  
CURRICULUM VITAE

---

MILLSAPS COLLEGE BOX 150263 1701 NORTH STATE STREET JACKSON, MS 39210-0001	EMAIL: WILL.SELMAN@MILLSAPS.EDU WEBPAGE: <a href="http://www.willselman.com">http://www.willselman.com</a> OFFICE: OLIN HALL 223 TELEPHONE: 601.974.1419
---	---

## Education

Ph.D. The University of Southern Mississippi, May 2010  
 B.S. Millsaps College, May 2003  
 Majored in Biology; Minors in Environmental Studies and Business

## Professional Experience

2022- **Associate Professor of Biology**, Department of Biology, Millsaps College, Jackson,  
*Pres.* MS.

2021- **Field Associate**. Mississippi Museum of Natural Science, Jackson, MS.  
*Pres.*

2016- **Assistant Professor of Biology**, Department of Biology, Millsaps College, Jackson,  
 2022 MS.

2011- **Research Wildlife Biologist and Research Coordinator (Biologist Supervisor)**,  
 2016 Rockefeller Wildlife Refuge, Louisiana Department of Wildlife and Fisheries, Grand  
 Chenier, LA.

2014 **Adjunct Professor**, McNeese State University, Lake Charles, LA.

2010- **Research Wildlife Biologist (Biologist 2)**, Rockefeller Wildlife Refuge, Louisiana  
 2011 Department of Wildlife and Fisheries, Grand Chenier, LA

2004- **Graduate Research Assistant/Teaching Assistant/Instructor**, The University of Southern  
 2010 Mississippi, Department of Biological Sciences, Hattiesburg, MS.

## Teaching Experience

2016- **Millsaps College, Department of Biology.**  
*Pres.* BIOL 1010: General Botany (with lab) – 2 sections (Sp 2022, Fa 2022)  
 BIOL 1020: General Zoology (with Lab) – 12 sections (F 2016 – Sp 2023)  
 BIOL 3310: Ornithology (with Lab) – 2 sections (Sp 2018, 2021)  
 BIOL 3370: Herpetology (with Lab) – 3 sections (Sp 2017, 2020, 2022)  
 BIOL 3380: Wetland Ecology (with Lab) – 3 sections (F 2016, 2018, 2021)  
 BIOL 3610: Vertebrate Zoology (with Lab) – 2 sections (F 2017, 2020)  
 BIOL 3650: Biostatistics and Experimental Design (with Lab) – 2 sections (F 2019, F 2022)  
 BIOL 3750: Special Topics – 2 sections, Summer Field Courses  
     Exploring Mississippi's Biodiversity, Sum 2019  
     Herpetological Research, Sum 2021  
     Finding the Forgotten Crawfish Frog, Sp 2023  
 BIOL 4911: Advanced Critical Analysis in Biology I – 1 section (Fa 2022)  
 BIOL 4912: Advanced Critical Analysis in Biology II – 1 section (Sp 2020)

- 2014 **McNeese State University (Adjunct Professor), School of Agricultural Sciences: Natural Resource Conservation Management.**  
NRCM 350: Herpetology – Sp 2014
- 2008- **Guest Lecturer**, University of Louisiana-Lafayette (5 lectures), McNeese State University  
2016 (5), The University of Southern Mississippi (3), University of Louisiana-Monroe (2),  
Mississippi State University (2), Louisiana State University (1), Hiram College (1), and  
Millsaps College (1).

## **Publications in Peer-reviewed Journals (+ Graduate, \* Undergraduate)**

- Lindeman, P.V., **W. Selman**, and R.L. Jones. *In press*. A sawback is a sawback is a sawback: diet and habitat-related variation in body size of the turtle *Graptemys oculifera* show it is an ecological analogue of its two closest relatives. *Chelonian Conservation and Biology*.
- Vasseur, P., S.A. Collins, and **W. Selman**. 2023. Effects of tropical cyclones and other severe weather on Reddish Egret populations in Louisiana. *Journal of Coastal Research* 39:1124-1136.
- Bellnap, G.\* and **W. Selman**. 2022. A diverse aquatic turtle assemblage in an urban Mississippi oasis. *Urban Naturalist* 52:1-12.
- Donini, J.+ and **W. Selman**. 2022. Clutch size, clutch frequency, and egg characteristics of diamondback terrapins (*Malaclemys terrapin*) in southwestern Louisiana. *Southeastern Naturalist* 21:235-245.
- Reinke, B.A., H. Cayuela, A. Bronikowski, F. Janzen, J.-F. Lemaître, J.-M. Gaillard, A.M. Lawing, J.B. Iverson, D.G. Christiansen, I. Martínez-Solano, G. Sánchez-Montes, J. Gutiérrez-Rodríguez, F.L. Rose, N. Nelson, S. Keall, A.J. Crivelli, T. Nazirides, A. Grimm-Seyfarth, K. Henle, E. Mori, G. Guiller, R. Homan, A. Olivier, E. Muths, B.R. Hossack, X. Bonnet, D. Pilliod, M. Lettink, T. Whitaker, B.R. Schmidt, M. Gardner, M. Cheylan, F. Poitevin, A. Golubovic, L. Tomovic, D. Arsovski, R. Griffiths, J.W. Arntzen, J.-P. Baron, T. Tully, L. Luiselli, M. Capula, L. Rugiero, R. McCaffery, L. Eby, V. Briggs-Gonzalez, F. Mazzotti, D. Pearson, B.A. Lambert, D.M. Green, C. Angelini, G. Pyke, J.-M. Thirion, P. Joly, J.-P. Léna, T. Tucker, P. Priol, A. Besnard, P. Bernard, K. Stanford, R. King, J. Garwood, J. Bosch, F. Souza, J. Bertoluci, S. Famelli, K. Grossenbacher, O. Lenzi, K. Matthews, S. Boitaud, D.H. Olson, T. Jessop, G. Gillespie, J. Clobert, M. Richard, A. Valenzuela-Sánchez, G.M. Fellers, P.M. Kleeman, B.J. Halstead, E.H. Campbell Grant, P.G. Byrne, T. Fretey, B. Le Garff, P. Levionnois, J. Maerz, J. Pichenot, K. Olgun, N. Üzüüm, C. Miaud, J. Elmberg, G.P. Brown, R. Shine, N. Bendik, L. O'Donnell, C.L. Davis, M.J. Lannoo, R.M. Stiles, R.M. Cox, A.M. Reedy, D.A. Warner, E. Bonnaire, K. Grayson, R. Ramos-Targarona, E. Baskale, D. Munoz, J. Measey, F.A. de Villiers, **W. Selman**, D.A.W. Miller. 2022. Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. *Science* 376: 1459-1466.
- Selman, W.**, C. Cleveland\*, T. Butler\*, G. Fincher\*, W. Neely\*, M. Sauls\*, L. Haden\*, B. Rodgers\*, A. Hymel\*, E. Jochim\*, H. Knudson\*, K. Manley\*, L. Stringer\*, T. Weber\*, J. Kelly\*, S. Lawson\*, M.G. McCurdy\*, J. Roberts\*, H. Sellen\*, J. Welsh\*, A. Miller\*, and M. Silva\*. 2022. A Herpetology Class Overcoming the COVID-19 Pandemic: Twenty-eight New County Records for Herpetofauna of Mississippi, Louisiana, and Arkansas, USA. *Herpetological Review* 53:451-454.

- Collins, S., **W. Selman**, M.C. Green, W.T. Strong. 2021. Reproductive ecology of Reddish Egrets nesting on a natural marsh island in southwestern Louisiana. *Waterbirds* 44:1-12.
- Donini, J.+, **W. Selman**, S. Pearson, and R. Valverde. 2021. Trends in ovarian development, plasma vitellogenin, and steroid hormones in female diamondback terrapins (*Malaclemys terrapin*) from coastal Louisiana. *Amphibian and Reptile Conservation* 15:40-49.
- Selman, W.**, J. McGee, M. McWhorter, and R. Dumas. 2021. Thirty-three new county records and range extensions for herpetofauna in Mississippi. *Herpetological Review* 52: 102-106.
- Berry, G.+, G. Brown+, R.L. Jones, L. Haden\*, L. Pearson+, and **W. Selman**. 2020. Chutes and ladders: drainage exchange of map turtles (Genus *Graptemys*) across the Tennessee-Tombigbee Waterway in northeastern Mississippi. *Chelonian Conservation and Biology* 19:262-267.
- Brown, G.+, L. Pearson+, G. Berry+, and **W. Selman**. 2020. Discovery of the northern map turtle (*Graptemys geographica* LeSueur 1817) in extreme northeastern Mississippi. *Chelonian Conservation and Biology* 19:256-261.
- Huntzinger, C.C.+, I. Louque, Jr.+, E.K. Lyons, **W. Selman**, and P.V. Lindeman. 2020. Using local ecological knowledge in southwestern Louisiana to infer distribution and abundance of an imperiled turtle species (*Macrochelys temminckii*). *Wildlife Society Bulletin* 44:42-48.
- Lindeman, P.V., A.G. Gibson\*, **W. Selman**, R.L. Jones, G.J. Brown+, C.C. Huntzinger+, and C.P. Qualls. 2020. Population status of the megacephalic map turtles *Graptemys pearlensis* and *Graptemys gibbonsi* and recommendations regarding their listing under the U.S. Endangered Species Act. *Chelonian Conservation and Biology* 19:165-185.
- Selman, W.** 2020. Book review of *The Ecology and Conservation of the Diamond-backed Terrapin* by W.M. Roosenburg and V.S. Kennedy (eds.). *Copeia* 108:434-438.
- Selman, W.** 2020. River turtles and one dam lake: two imperiled *Graptemys* species in the Pearl River and potential impacts of the proposed of One Lake Project. *Chelonian Conservation and Biology* 19:186-196.
- Selman, W.** and P.V. Lindeman. 2020. The map turtles and sawbacks (Testudines: Emydidae: *Graptemys*): two centuries of study and the conservation imperative. *Chelonian Conservation and Biology* 19:151-154.
- Smith, H.A.\* , S. Galicki, and **W. Selman**. 2020. Three's company: observations of a non-native map turtle (*Graptemys pseudogeographica*) occurring syntopically with two endemic *Graptemys* in the Pearl River, Mississippi. *Chelonian Conservation and Biology* 19:268-276.
- Ennen, J.R., M.L. Hoffacker, **W. Selman**, C. Murray, J. Godwin, and M. Agha. 2019. The effect of environmental conditions on body size and shape in a freshwater vertebrate. *Copeia* 107:550-559.
- Huntzinger, C.C.+, I.J. Louque, Jr.+, **W. Selman**, P.V. Lindeman, and E.K. Lyons. 2019. Distribution and abundance of the alligator snapping turtle (*Macrochelys temmenckii*) in southwestern Louisiana. *Southeastern Naturalist* 18:65-75.

- Selman, W.**, S.H. Pearson, and J.J. Wiebe. 2019. Population structure and demography of diamondback terrapins (*Malaclemys terrapin*) in coastal Louisiana. *Estuaries and Coasts* 42:1138-1148.
- Whitaker, J.M., K.M. Ringelman, J.R. Marty, **W. Selman**, and J.T. Linscombe. 2019. Changes in waterfowl abundance and species composition on Louisiana coastal wildlife management areas and refuges 2004 – 2016. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 6:136-145.
- Reinke, B.+, S. Pearson, and **W. Selman**. 2018. Plastron pigmentation variation in a coastal turtle species of conservation concern (*Malaclemys terrapin*). *Herpetologica* 74:141-145.
- Rhodin, A.G.J., C.B. Stanford, P.P. van Dijk, C. Eisemberg, L. Luiselli, R.A. Mittermeier, R. Hudson, B.D. Horne, E.V. Goode, G. Kuchling, A. Walde, E.H.W. Baard, K.H. Berry, A. Bertolero, T.E.G. Blanck, R. Bour, K.A. Buhlmann, L.J. Cayot, S. Collett, A. Currylow, I. Das, T. Diagne, G. Ferero-Medina, M.G. Frankel, U. Fritz, G. Garcia, A. Georges, J.W. Gibbons, P.M. Gibbons, G. Shiping, J. Guntoro, M. Hofmeyr, J.B. Iverson, A.R. Keister, K. Platt, S.G. Platt, P.C.H. Pritchard, H.R. Quinn, S.C. Rahman, S.T. Randrianjafizanaka, J. Schaffer, **W. Selman**, H.B. Shaffer, D.S.K. Sharma, S. Haitao, S. Singh, R. Spencer, K. Stannard, S. Sutcliffe, S. Thomson, and R.C. Vogt. Global conservation status of turtles and tortoises (Order Testudines). *Chelonian Conservation and Biology* 17:135-161.
- Selman, W.** 2018. Life in skinny water: observations of juvenile diamondback terrapins (*Malaclemys terrapin*) utilizing shallow water habitats. *Herpetological Conservation and Biology* 13:399-407.
- Selman, W.** and S. Collins. 2018. Observations of wintering piping plovers (*Charadrius melodus*) positively associated with rock breakwater-influenced shorelines in southwestern Louisiana. *Journal of Coastal Research* 34:1046-1051.
- Selman, W.** and P.V. Lindeman. 2018. Spatial, seasonal, and sexual variation in the diet of *Graptemys flavimaculata*. *Copeia* 102:247-254.
- Selman, W.**, S. Aughtman\*, A. Anderson\*, D. Carter\*, R. LeBlanc\*, S. Bethi\*, C. Casias\*, G. Bellnap\*, K. Klunk\*, H. Qureshi\*, H. Smith\*, M. Jaunsen\*, J. Moreno\*, M. Gaupp\*, M. Schwall\*, and M. Sullivan\*. 2018. Thirty-six new county records for herpetofauna of Mississippi, Louisiana, and Tennessee: results from an undergraduate herpetology class assignment. *Herpetological Review* 49:85-88.
- Donini, J.+, **W. Selman**, and R.A. Valverde. 2017. A comparison of reproductive assessment techniques to determine the reproductive activity of diamondback terrapins (*Malaclemys terrapin*). *Herpetological Review* 48:763-766.
- Ford, R.J.+, **W. Selman**, and S. Taylor. 2017. Hybridization between mottled ducks (*Anas fulvigula maculosa*) and mallards (*A. platyrhynchos*) in the western Gulf Coast. *The Condor: Ecological Applications* 119:683-696.
- Pickens, B.A., S.L. King, P. Vasseur, S. Zimorski, and **W. Selman**. 2017. Seasonal movements and multiscale habitat selection of Whooping Cranes (*Grus americana*) in natural and agricultural wetlands. *Waterbirds* 40:322-333.

- Selman, W.** 2017. Diagnostic trait variability in the imperiled freshwater turtle *Graptemys flavimaculata*. *Herpetologica* 73:105-112.
- Selman, W.** and R.L. Jones. 2017. Population structure, status, and conservation of two *Graptemys* species from the lower Pearl River, Mississippi, USA. *Journal of Herpetology* 51:27-36.
- Elsey, R.M., M. Miller, D. LeJeune, and **W. Selman**. 2016. Nesting ecology of little brown skinks (*Scincella lateralis*) utilizing American alligator (*Alligator mississippiensis*) nests and muskrat (*Ondatra zibethicus*) houses in southwestern Louisiana. *Southeastern Naturalist* 15:653-668.
- Fehrenbach, A.K., I. Louque, S.L. McFadden, C. Huntzinger, E. Lyons, S.H. Shively, **W. Selman**, and P.V. Lindeman. 2016. Habitat-related variation in body size and reproductive output and an examination of reproductive allometry in the Sabine map turtle (*Graptemys sabinensis*) across three river drainages. *Copeia* 104:458-468.
- Selman, W.**, T.J. Hess Jr., and J. Linscombe. 2016. Long-term population and colony dynamics of brown pelicans (*Pelecanus occidentalis*) in rapidly changing coastal Louisiana, USA. *Waterbirds* 39:45-57.
- Gaillard, D.L., **W. Selman**, R.L. Jones, B.R. Kreiser, C.P. Qualls, and K. Landry. 2015. High connectivity observed in populations of ringed sawbacks, *Graptemys oculifera*, in the Pearl and Bogue Chitto Rivers using six microsatellite loci. *Copeia* 103:1075-1085.
- Lindeman, P.V., I.J. Louque, Jr., C.C. Huntzinger, E. Lyons, S.H. Shively, and **W. Selman**. 2015. Eye color and chin pattern in the turtle *Graptemys pseudogeographica* in the Calcasieu River drainage of Louisiana, with comparison to adjacent drainages. *Herpetological Review* 46:179-185.
- Petre, C., **W. Selman**, B. Kreiser, S. Pearson, and J. Weibe. 2015. Population genetics of the diamondback terrapin, *Malaclemys terrapin*, in Louisiana. *Conservation Genetics* 16:1243-1252.
- Selman, W.** 2015. Herpetofaunal community of a coastal chenier forest remnant in southwestern Louisiana. *Southeastern Naturalist* 14:491-505.
- Selman, W.** and B. Davis. 2015. First nesting records in southwestern Louisiana for American Oystercatchers (*Haematopus palliatus*) and Reddish Egrets (*Egretta rufescens*), with implications for dredge spoil island restoration. *The Wilson Journal of Ornithology* 127:326-332.
- Selman, W.** and P.V. Lindeman. 2015. Life history and ecology of the Pascagoula map turtle (*Graptemys gibbonsi*). *Herpetological Conservation and Biology* 10:791-800.
- Selman, W.** 2014. Rev. of *The Map Turtle and Sawback Atlas: Ecology, Evolution, Distribution, and Conservation* by P.V. Lindeman. *Copeia* 2014:596-597.
- Selman, W.**, B. Baccigalopi, and C. Baccigalopi. 2014. Distribution and abundance of diamondback terrapins (*Malaclemys terrapin*) in southwestern Louisiana. *Chelonian Conservation and Biology* 13:131-139.
- Selman, W.**, B. Kreiser, and C. Qualls. 2013. Conservation genetics of the yellow-blotched sawback (Emydidae: *Graptemys flavimaculata*). *Conservation Genetics* 14:1193-1203.

- Zimorski, S., T. Perkins, and **W. Selman**. 2013. Chelonian species in the diet of reintroduced Whooping Cranes (*Grus americana*) in Louisiana. *The Wilson Journal of Ornithology* 125:420-423.
- Selman, W.**, C. Qualls, and J. Owen. 2013. Effects of human disturbance on the behavior and physiology of an imperiled freshwater turtle. *Journal of Wildlife Management* 77:877-885.
- Selman, W.** 2012. Geographic variation in population structure, shape morphology, and sexual size dimorphism in *Graptemys flavimaculata*. *Herpetological Conservation and Biology* 7:427-436.
- Selman, W.** and B. Baccigalopi. 2012. Effectively sampling Louisiana diamondback terrapin (*Malaclemys terrapin*) populations, with description of a new capture technique. *Herpetological Review* 43:583-588.
- Selman, W.** and R.L. Jones. 2012. Kyphosis and growth in the ringed sawback, *Graptemys oculifera*. *Chelonian Conservation and Biology* 11:259-261.
- Selman, W.**, J. Jawor, and C. Qualls. 2012. Seasonal variation of corticosterone levels in the yellow-blotched sawback (*Graptemys flavimaculata*), an imperiled freshwater turtle. *Copeia* 2012:698-705.
- Selman, W.**, T. Hess, Jr., B. Salyers, and C. Salyers. 2012. Short-term response of Brown Pelicans (*Pelecanus occidentalis*) to oil spill rehabilitation and translocation. *Southeastern Naturalist* 11:G1-G16.
- Selman, W.** and C. Qualls. 2011. Basking ecology of the yellow-blotched sawback (*Graptemys flavimaculata*), an imperiled turtle species of the Pascagoula River system, Mississippi, USA. *Chelonian Conservation and Biology* 10:188-197.
- Selman, W.**, T.J. Hess, Jr., J. Linscombe, and L. Reynolds. 2011. An extralimital record of a Louisiana-banded Mottled Duck recovered in South Dakota. *Southeastern Naturalist* 10:570-574.
- Ennen, J. R., J.E. Lovich, B.R. Kreiser, **W. Selman**, and C.P. Qualls. 2010. Genetic and morphological variation between populations of the Pascagoula map turtle (*Graptemys gibbonsi*) in the Pearl and Pascagoula rivers with description of a new species. *Chelonian Conservation and Biology* 9:98-113.
- Selman, W.** and C. Qualls. 2009. Distribution and abundance of two imperiled *Graptemys* species of the Pascagoula River system. *Herpetological Conservation and Biology* 4:171-184.
- Selman, W.**, J. Ennen, B. Kreiser, and C. Qualls. 2009. Cross-species amplification of Emydid microsatellite loci in three *Graptemys* species and their utility as a conservation tool. *Herpetological Review* 40:32-37.
- Selman, W.** and C. Qualls. 2008. Impacts of Hurricane Katrina on a population of yellow-blotched sawbacks (*Graptemys flavimaculata*) in the lower Pascagoula River. *Herpetological Conservation and Biology* 3:224-230.

## Book Chapters

King, S.L., **W. Selman**, P. Vasseur, and S. Zimorski. 2018. Louisiana nonmigratory Whooping Crane reintroduction. In: French, J.B., S.J. Converse, and J. Austin (Eds.). Whooping Cranes: The Biology and Conservation. Academic Press, Elsevier, London, UK. pp. 469-502.

**Selman, W.** and R.L. Jones. 2011. *Graptemys flavimaculata* Cagle 1954- Yellow-blotched Sawback, Yellow-blotched Map Turtle. In: Rhodin, A.G.J., P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann, J.B. Iverson, and R.A. Mittermeier (Eds.). Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5, pp. 052.1-052.11.

Jones, R.L. and **W. Selman**. 2009. *Graptemys oculifera* Baur 1890- Ringed Map Turtle, Ringed Sawback. In: Rhodin, A.G.J., P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann, J.B. Iverson, and R.A. Mittermeier (Eds.). Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5, pp. 033.1-033.8.

Lovich, J.E., **W. Selman**, and C.J. McCoy. 2009. *Graptemys gibbonsi* Lovich and McCoy 1992- Pascagoula Map Turtle, Pearl River map turtle, Gibbons' map turtle. In: Rhodin, A.G.J., P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann, J.B. Iverson, and R.A. Mittermeier (Eds.). Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5, pp. 029.1-029.8.

## Peer-Reviewed Notes (+ Graduate, \* Undergraduate)

**Selman, W.** *Graptemys pulchra* (Alabama Map Turtle) and *Sternotherus peltifer* (Stripe-necked Musk Turtle). *In press*. Agonistic Encounter. Herpetological Review.

**Selman, W.** *Hyla squirella* (Squirrel Treefrog). 2022. Geographic distribution note. Herpetological Review. Herpetological Review 53:627.

Weber, T.\*, B. Watkins\*, B. King\*, J. Welsh\*, and **W. Selman**. 2022. *Pseudemys concinna* (River Cooter). Nocturnal aggregation and feeding activity. Herpetological Review 53:671-672.

**Selman, W.** 2022. *Graptemys oculifera* (Ringed Sawback). Aberrant scute patterning. Herpetological Review 53:119-120.

**Selman, W.** 2022. *Graptemys oculifera* (Ringed Sawback). Shell defacement by humans. Herpetological Review 53:120-121.

**Selman, W.** 2022. *Graptemys pearlensis* (Pearl Map Turtle). Basking aggregation. Herpetological Review 53:121.

**Selman, W.** 2022. *Pseudacris brachyphona* (Mountain Chorus Frog). Geographic Distribution. Herpetological Review 53:259.

McCurdy, M.G.\* and **W. Selman**. 2021. *Masticophis flagellum* (Coachwhip). Arboreal ability and precision. Herpetological Review 52:875-876.

- Selman, W.** 2020. *Malaclemys terrapin* (Diamond-backed Terrapin). Kyphosis and lordosis. Herpetological Review 50:774-775.
- Selman, W.** 2020. *Graptemys oculifera* (Ringed Sawback). Use of manmade basking structures. Herpetological Review 51: 829-830.
- Selman, W.** and B. Garza. 2020. *Eleutherodactylus planirostris* (Greenhouse Frog). Geographic Distribution. Herpetological Review 51:769.
- Mitchell, J.C., P.V. Lindeman, M. Welc+, K. Bosma, G.J. Brown+, **W. Selman**, and J.B. Iverson. 2019. *Graptemys flavimaculata* (Yellow-blotched Sawback), *Graptemys geographica* (Northern Map Turtle), and *Graptemys gibbonsi* (Pascagoula Map Turtle). Kyphosis. Herpetological Review 50:353-354.
- Sellen, H.\* and **W. Selman**. 2019. *Eurycea guttolineata* (Three-lined Salamander). Geographic distribution. Herpetological Review 50:320-321.
- Selman, W.** 2019. *Graptemys oculifera* (Ringed Sawback). Abnormal carapace scutellation. Herpetological Review 50:321.
- Selman, W.** 2019. *Malaclemys terrapin* (Diamondback Terrapin). Kyphosis and Lordosis. Herpetological Review 50:774-775.
- Selman, W.** 2018. *Acris gryllus* (Southern Cricket Frog). Geographic Distribution. Herpetological Review 49:706
- Selman, W.** 2018. *Hyla avivoca* (Bird-voiced Treefrog). Geographic Distribution. Herpetological Review 49:707
- Selman, W.** and R. Dumas. 2018. *Hemidactylus turcicus* (Mediterranean Gecko). Geographic Distribution. Herpetological Review 49:715.
- Selman, W.**, G. Bellnap\*, L. Haden\*, and S. Rimmer\*. 2018. *Chrysemys dorsalis* (Southern Painted Turtle). Geographic Distribution. Herpetological Review 49:711.
- Elsy, R.M., D. Lejeune, W. Strong, and **W. Selman**. 2017. *Trachemys scripta elegans* (Red-eared Slider). Abnormal shell morphology with kyphoscoliosis. Herpetological Review 48:837-838.
- Selman, W.** 2017. *Graptemys flavimaculata* (Yellow-blotched Sawback). Shell abnormality and long-term site fidelity. Herpetological Review 48:835-836.
- Elsy, R.M. and **W. Selman**. 2016. *Alligator mississippiensis* (American Alligator). Diet. Herpetological Review 47:660.
- Selman, W.** *Graptemys pearlensis* (Pearl Map Turtle). 2016. Geographic Distribution. Herpetological Review 47:625.
- Selman, W.**, R. Elsey, J. Boundy, and B. Kreiser. 2016. *Apalone ferox* (Florida Softshell Turtle). Geographic distribution. Herpetological Review 47:421.



- Elsy, R.M., **W. Selman**, J.G. Nevarez, R.W. Bauer, R. King, and M. Dupuis. 2015. *Alligator mississippiensis* (American Alligator). Necrotizing exfoliation. *Herpetological Review* 46:246-248.
- Louque, Jr., I.J., **W. Selman**, C.C. Huntzinger, and E.K. Lyons. 2015. *Graptemys sabinensis* (Sabine Map Turtle). Kyphosis. *Herpetological Review* 46:81.
- Selman, W.**, S. Zimorski, C. Gaspard, C.C. Smith, and P. Vasseur. 2015. Emydid turtles. Unusual basking location. *Herpetological Review* 46:78-79.
- Selman, W.**, W. Strong, J. Donini, and W. Sylvest. 2015. *Chelonia mydas* (Green Sea Turtle). Geographic distribution. *Herpetological Review* 46:381.
- Zenzal, T.J. and **W. Selman**. 2015. *Thamnophis proximus* (Western Ribbon Snake). Arboreal Behavior. *Herpetological Review* 46:653.
- Huntzinger, C.C., E.K. Lyons, and **W. Selman**. 2014. *Sternotherus odoratus* (Common Musk Turtle). Geographic distribution. *Herpetological Review* 45:658.
- Huntzinger, C.C., K. Cantrelle\*, E.K. Lyons, and **W. Selman**. 2014. *Sternotherus carinatus* (Razorback Musk Turtle). Geographic distribution. *Herpetological Review* 45:657.
- Selman, W.** and C. Baccigalopi. 2014. *Malaclemys terrapin* (Diamond-backed Terrapin). Geographic distribution. *Herpetological Review* 45:460.
- Selman, W.** 2014. *Macrochelys temminckii* (Alligator Snapping Turtle). Geographic distribution. *Herpetological Review* 45:90.
- Selman, W.**, R. King, B. Stultz, D. Cassady, A. Magro, T. Credeur, and J.J. Weibe. 2014. *Chelonia mydas* (Green Sea Turtle). Geographic distribution. *Herpetological Review* 45:89.
- Selman, W.** and A. Cherry. 2013. *Macrochelys temminckii* (Alligator Snapping Turtle). Geographic distribution. *Herpetological Review* 44:624.
- Elsy, R.M., **W. Selman**, R. King, M. Miller, S.G. Platt. 2013. *Alligator mississippiensis* (American Alligator). Nests used by other reptiles in coastal Louisiana. *Herpetological Review* 44:559-560.
- Selman, W.** and A. Cherry. 2013. *Macrochelys temminckii* (Alligator Snapping Turtle). Unusual habitat and trap survivability. *Herpetological Review* 44:501-502.
- Selman, W.**, B. Stultz, J. Weibe, A. White, and M. Camacho. 2013. *Malaclemys terrapin* (Diamond-backed Terrapin). Coastal erosion and nest mortality. *Herpetological Review* 44:306-307.
- Elsy, R.M., P.L. Trosclair III, J.J. Wiebe, and **W. Selman**. 2011. *Alligator mississippiensis* (American Alligator). Juvenile site fidelity. *Herpetological Review* 42: 596-598.
- Selman, W.** 2011. *Graptemys flavimaculata* (Yellow-blotched Map Turtle). 2011. Unique aerial basking behaviors. *Herpetological Review* 42:593-595.

- Selman, W.** and T. Bocek\*. 2010. *Deirochelys reticularia reticularia* (Eastern Chicken Turtle). Geographic distribution. *Herpetological Review* 41:509.
- Selman, W.** and A. Holbrook. 2010. *Graptemys gibbonsi* (Pascagoula Map Turtle). Geographic distribution. *Herpetological Review* 41:509.
- Selman, W.** and M. Willig. 2010. *Macrochelys temminckii* (Alligator Snapping Turtle). Basking behavior. *Herpetological Review* 41:486.
- Selman, W.,** D. Strong\*, and C. Qualls. 2009. *Graptemys flavimaculata* (Yellow-blotched Map Turtle). Unusual basking disturbance. *Herpetological Review* 40:78.
- Selman, W.** and C. Qualls. 2009. *Graptemys flavimaculata* (Yellow-blotched Map Turtle). Basking and parasite removal. *Herpetological Review* 40:78-79.
- Selman, W.,** B. Drescher\*, and C. Qualls. 2009. *Macrochelys temmenckii* (Alligator Snapping Turtle). Adult basking behavior. *Herpetological Review* 40:79.
- Selman, W.** and C. Qualls. 2009. *Pseudemys concinna* (River Cooter). Maximum basking time. *Herpetological Review* 40:79-80.
- Selman, W.** and C. Qualls. 2009. *Trachemys scripta elegans* (Red-Eared Slider). Maximum basking time. *Herpetological Review* 40:80.
- Selman, W.** and C. Qualls. 2008. *Graptemys flavimaculata* (Yellow-blotched Map Turtle). Interspecific basking site competition. *Herpetological Review* 39:214-215.
- Selman, W.** and C. Qualls. 2008. *Graptemys flavimaculata* (Yellow-blotched Map Turtle). Foraging behavior. *Herpetological Review* 39:215.
- Selman, W.,** D. Strong\*, and C. Qualls. 2008. *Graptemys gibbonsi* (Pascagoula Map Turtle). Basking and parasite removal. *Herpetological Review* 39:216.
- Selman, W.** and C. Qualls. 2008. *Graptemys gibbonsi* (Pascagoula Map Turtle). Interspecific competition for basking sites. *Herpetological Review* 39:216.
- Selman, W.** and C. Qualls. 2008. *Graptemys gibbonsi* (Pascagoula Map Turtle). Interactions with ducks. *Herpetological Review* 39:216-217.
- Ennen, J.R., **W. Selman,** and B.R. Kreiser. 2007. *Graptemys gibbonsi* (Pascagoula Map Turtle). Diet. *Herpetological Review* 38:200.

### **Publications in Review (+ Graduate, \* Undergraduate)**

- Glorioso, B.M., **W. Selman,** B.R. Kreiser, and A. Ford. Born on the bayou: federally threatened ringed map turtles, *Graptemys oculifera*, found in a new river system.
- Selman, W.** Distribution and abundance of *Graptemys oculifera* (Ringed Sawback) and *Graptemys pearlensis* (Pearl Map Turtle) in the Pearl River system of Louisiana. *Herpetological Conservation and Biology*.

**Selman, W.** *Graptemys pulchra* (Alabama Map Turtle) and *Sternotherus peltifer* (Stripe-necked Musk Turtle). Agonistic encounter. Herpetological Review.

**Selman, W.** Linear activity areas and basking site fidelity of two imperiled river turtle species (*Graptemys oculifera* and *G. flavimaculata*) of Mississippi, USA. Chelonian Conservation and Biology.

**Selman, W.** *Rana areolata* (Crawfish Frog). Long-range vocalization projection. Herpetological Review.

Watkins, B.W.\*, T. Mann, and **W. Selman**. Distribution and abundance of green salamanders (*Aneides aeneus*) in northeastern Mississippi. Herpetological Conservation and Biology.

## Popular Articles

*One Lake – One Sewage Lagoon?* Jackson Free Press, 24 July 2019.

*One Lake Project Will Become 'One Trashy Lake'.* Clarion Ledger, 15 July 2018.

*A Pearl of Great Price: The Value of a Flowing Pearl River in Jackson.* Jackson Free Press, 18 July 2018.

*The Big Flood of the Pearl, Not If, but When.* Jackson Free Press, 24 July 2018.

*Threatened Turtles of the Pearl River and the One Lake Project.* Pearl Riverkeeper Blog, 29 June 2018.

## Technical Reports (+ Graduate, \* Undergraduate – since 2017)

**Selman, W.** 2023. Population status of four species of rare salamanders in northeastern Mississippi. State Wildlife Grant Final Report to the Mississippi Department of Wildlife, Fisheries, and Parks. 46 pp.

**Selman, W.** 2023. Distribution and abundance of *Graptemys* species (*G. nigrinoda* & *G. pulchra*) in the Tombigbee River system of Northeastern Mississippi. State Wildlife Grant Report to the Mississippi Department of Wildlife, Fisheries, and Parks. 59 pp.

**Selman, W.,** B. Watkins\*, B. King\*, T. Hamby\*, B. Robinson\*, and P. Parker\*. 2022. Population status of four species of rare salamanders in northeastern Mississippi. State Wildlife Grant Report to the Mississippi Department of Wildlife, Fisheries, and Parks. 42 pp.

Krohn, A., J.J. Apodaca, and **W. Selman**. 2022. Building a genetic database for Mississippi diamondback terrapins (*Malaclemys terrapin pileata*) in Louisiana for repatriation efforts and demographic analysis. State Wildlife Grant Report to the Louisiana Department of Wildlife and Fisheries. 14 pp.

**Selman, W.** 2022. Distribution and abundance of two *Graptemys* species (*G. nigrinoda* and *G. pulchra*) in the Tombigbee River system. State Wildlife Grant Report to the Mississippi Department of Wildlife, Fisheries, and Parks. 34 pp.

**Selman, W.,** B. Watkins\*, T. Weber\*, B. King\*, and J. Welsh\*. 2021. Population status of four species of rare salamanders in northeastern Mississippi. State Wildlife Grant Report to the Mississippi Department of Wildlife, Fisheries, and Parks. 34 pp.

**Selman, W.** 2021. Distribution and abundance of three sympatric SGCN turtle species in the Pearl River system, Louisiana. State Wildlife Grant Report to the Louisiana Department of Wildlife and Fisheries, SWG 2000467758. 61 pp.

- Selman, W.** 2020. Distribution and abundance of three sympatric SGCN turtle species in the Pearl River system, Louisiana. State Wildlife Grant Report to the Louisiana Department of Wildlife and Fisheries, SWG 2000467758. 45 pp.
- Pearson, L., **W. Selman**, B. Kreiser, P.V. Lindeman, and R.L. Jones. 2020. Conservation genetics of two imperiled *Graptemys* species (*G. gibbonsi* and *G. pearlensis*) petitioned for federal listing. Section 6 Final Report to the Mississippi Department of Wildlife, Fisheries, and Parks. Jackson, MS. 48 pp.
- Selman, W.**, R. Dumas, and M. McWhorter. 2019. Surveys for rare *Graptemys* species and the green salamander (*Aneides aeneus*) in northeastern Mississippi. Cincinnati Zoo and Botanical Garden CREW Conservation Fund Final Report. 13 pp.
- Selman, W.** 2018. Diamonds in the rough: status of two imperiled *Graptemys* species (*Graptemys oculifera* and *G. pearlensis*) in the Pearl River of Jackson, MS: Year 2. Mississippi Department of Wildlife, Fisheries, and Parks and the U.S. Fish and Wildlife Service. 39 pp.
- Selman, W.** and H. Smith\*. 2017. Diamonds in the rough: status of two imperiled *Graptemys* species (*Graptemys oculifera* and *G. pearlensis*) in the Pearl River of Jackson, MS: Year 1. Mississippi Department of Wildlife, Fisheries, and Parks and the U.S. Fish and Wildlife Service. 19 pp.

## **Research Funding - \$1,922,731** (Excludes matching funds; internal sources noted)

**\*W. Selman was PI for all grants unless noted otherwise**

- 2022 **U.S. Fish and Wildlife Service State Wildlife Grant, Mississippi.** \$79,474. eDNA surveys for the Eastern Hellbenders (*Cryptobranchus alleganiensis*) in Tishomingo County, Mississippi. Co-Pi with Nicole Phillips (The University of Southern Mississippi).
- 2022 **U.S. Fish and Wildlife Service State Wildlife Grant, Mississippi.** \$102,688. Distribution of two rare anurans in Mississippi, *Pseudacris brachyphona* (Mountain Chorus Frog) and *Rana (Lithobates) areolata* (Crawfish Frog).
- 2021 **U.S. Fish and Wildlife Service State Wildlife Grant, Mississippi.** \$51,900. Distribution and abundance of two *Graptemys* species (*G. nigrinoda* and *G. pulchra*) in the Tombigbee River system.
- 2021 **U.S. Fish and Wildlife Service State Wildlife Grant, Louisiana.** \$54,908. Building a genetic database for Mississippi diamondback terrapins (*Malaclemys terrapin pileata*) in Louisiana for repatriation efforts and demographic analyses. Co-PI with J.J. Apodaca (Tangled Bank Conservation).
- 2021 **Millsaps Science Fellowship Award (Internal).** \$12,942. Research/student support for northeastern Mississippi salamander research and student support for Lefleur's Bluff box turtle research.
- 2019 **U.S. Fish and Wildlife Service State Wildlife Grant, Mississippi.** \$66,268. Population status of four species of rare salamanders in northeastern Mississippi.

- 2019 **U.S. Fish and Wildlife Service State Wildlife Grant, Louisiana.** \$42,690.  
Distribution and abundance of three co-occurring SGCN turtle species in the Pearl River, Louisiana.
- 2018 **Cincinnati Zoo & Botanical Garden (CZBG) Internal Conservation Fund Grant.** \$2,000.  
Surveys for rare *Graptemys* species and the Green Salamander (*Aneides aeneus*) in northeastern Mississippi.
- 2018 **Millsaps Faculty Development Grant (Internal).** \$1,700.  
Surveys for the Common Map Turtle (*Graptemys geographica*) in northeastern Mississippi & home range, habitat use, and migration of Box Turtles (*Terrapene carolina*) in Lefleur's Bluff State Park.
- 2017 **U.S. Fish and Wildlife Service, Section 6 Endangered Species Funding.** \$13,815.  
Conservation genetics of two federally petitioned *Graptemys* species, *Graptemys gibbonsi* and *Graptemys pearlensis*.
- 2017 **Millsaps Faculty Development Grant (Internal).** \$1,850.  
Surveys for the Common Map Turtle (*Graptemys geographica*) in northeastern Mississippi.
- 2017 **Howard Hughes Medical Institute Research Scholar Program (Internal).** \$13,300 total (2 students, \$6650 each). Projects include:
- Status of *Graptemys oculifera* (Ringed Sawback) and other turtle populations in the Jackson segment of the Pearl River. PI with Haley Smith (student).
  - Reproductive ecology of *Chrysemys dorsalis* (Southern Painted Turtle) in Lefleur's Bluff State Park, Jackson, Mississippi. PI with Gracie Bellnap (Millsaps student).
- 2015 **U.S. Fish and Wildlife Service State Wildlife Grant, Louisiana.** \$140,595.  
Distribution, abundance, and nesting of Reddish Egrets (*Egretta rufescens*) in Louisiana. Co-PI with M. Seymour, S. Holcomb, and S. Collins (all LDWF).
- 2015 **Rockefeller Trust Funds (Internal).** \$75,705.  
Distribution, abundance, and nesting of Reddish Egrets (*Egretta rufescens*) in Louisiana. Co-PI with S. Collins (LDWF).
- 2014 **ConocoPhillips.** \$50,000.  
Reintroduction of the Whooping Crane in southwestern Louisiana. PI.
- 2014 **Rockefeller Trust Funds (Internal).** \$26,503.  
Population genetics of diamondback terrapins in Louisiana. Co-PI with B. Kreiser (Univ. of Southern Mississippi).
- 2013 **U.S. Fish and Wildlife Service Gulf Coast Joint Venture.** \$40,000.  
Evaluating the effects of coastal restoration projects on shorebirds and shorebird habitats in Cameron Parish. Co-PI with E. Lyons (McNeese State Univ.).
- 2013 **Rockefeller Trust Funds (Internal).** \$30,182  
Evaluating the effects of coastal restoration projects on shorebirds and shorebird habitats in Cameron Parish. Co-PI with E. Lyons (McNeese State Univ.).

- 2012 **U.S. Fish and Wildlife Service Gulf Coast Joint Venture.** \$29,900  
Hybridization in western Gulf Coast Mottled Ducks. Co-PI with S. Taylor (LSU).
- 2012 **Louisiana Department of Wildlife and Fisheries, Office of Fisheries.** \$370,000  
Population status of diamondback terrapins (*Malaclemys terrapin*) in Louisiana and the interaction of crab fisheries on population viability. Co-PI with J. Weibe (LDWF).
- 2011 **U.S. Fish and Wildlife Service State Wildlife Grant, Louisiana.** \$81,211  
Surveys of the aquatic turtle fauna in southwestern Louisiana, with emphasis on three Louisiana species of conservation concern. Co-PI with E. Lyons (McNeese State Univ.).
- 2011 **U.S. Fish and Wildlife Service, Division of Scientific Authority.** \$75,000  
Surveys of the aquatic turtle fauna in southwestern Louisiana, with emphasis on three Louisiana species of conservation concern. Co-PI with E. Lyons (McNeese State Univ.).
- 2009 **Batchelor Foundation/Turtle Survival Alliance.** \$5,000  
Conservation genetics and public education for the yellow-blotched sawback (*Graptemys flavimaculata*) in the Pascagoula River system. PI.
- 2006 **U.S. Fish and Wildlife Service.** \$80,000  
Assessment of Hurricane Katrina on the yellow-blotched sawback (*Graptemys flavimaculata*). Co-PI with C. Qualls (Univ. of Southern Mississippi).
- 2006 **Chelonian Research Foundation's (CRF) Linnaeus Fund.** \$2,000  
Conservation genetics of the yellow-blotched map turtle (*Graptemys flavimaculata*). PI.
- 2006 **Chelonian Research Foundation's (CRF) Linnaeus Fund.** \$1,900  
Molecular comparison of *Graptemys gibbonsi* populations in the Pearl and Pascagoula rivers. Co-PI with J. Ennen (Univ. of Southern Mississippi).

### **Invited Presentations (since 2017)**

- 2023 Jackson Audubon Society, Jackson, MS  
Title: Turtles all the way down.
- 2022 West Virginia University Natural Resources Seminar Series, online.  
Title: Turtles all the way down (in Mississippi)
- 2021 Berry College Biological Seminar Series, Rome, GA.  
Title: An urban turtle oasis in central Mississippi
- 2021 71<sup>st</sup> Spring Meeting of the Gulf States Marine Fisheries Commission, TCC Crab Subcommittee, Virtual Meeting.  
Title: Status of terrapin research in Mississippi
- 2020 University of Southern Mississippi Biological Sciences Seminar Series, Hattiesburg, MS  
Title: Observations and insights from "alien" turtles moving into novel river drainages in Mississippi.
- 2019 Jackson Audubon Society, Jackson, MS  
Title: Conservation of coastal waterbirds and coastal habitats: long and short-term insights from Louisiana.
- 2018 Gandhi Day: International Day of Nonviolence, Millsaps College, Jackson, MS.  
Title: One (Trashy) Lake.
- 2018 Mississippi Museum of Natural Science Monthly Lecture Series, Jackson, MS  
Title: Conservation of coastal waterbirds and coastal habitats: long and short-term insights from Louisiana.

2017 Baton Rouge Audubon Society, Baton Rouge, LA.  
 Title: Rabbit Island: Wildlife Paradise or Paradise Lost?

## Contributed Presentations/Posters (since 2017)

### (\* Presenter, + Graduate, # Undergraduate)

- Haden, L.#+\* and **W. Selman**. 2023. Behavioral ecology of the three-toed box turtle (*Terrapene carolina triunguis*) in an urban Mississippi park. Poster Presentation. Joint Meeting of Ichthyologists and Herpetologists, Norfolk, VA.
- Ely, R.\*#, H. Mattke\*#, and **W. Selman**. 2023. Determining the presence of *Rana areolata* (Crawfish Frog) in central Mississippi using auditory surveys. Poster Presentation. 31<sup>st</sup> Annual Millsaps Student Science Research Symposium+ and 2023 Mississippi Amphibian & Reptile Conservation Meeting. +Best Poster (Natural Sciences).
- Selman, W.** 2023. Conservation status of three rare salamanders from northeastern Mississippi (*Cryptobranchus alleganiensis*, *Eurycea lucifuga*, & *Gyrinophilus porphyriticus*). Oral Presentation. 2023 Mississippi Amphibian & Reptile Conservation Meeting.
- Selman, W.** 2023. Distribution and abundance of ringed sawback (*Graptemys oculifera*) and Pearl map turtle (*Graptemys pearlensis*) in the Pearl River system of Louisiana. 21<sup>st</sup> Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. August 2023.
- Watkins, B.#, T.M. Mann, and **W. Selman**. 2023. Distribution and abundance of green salamanders (*Aneides aeneus*) in northeastern Mississippi. Oral Presentation. 2023 Millsaps Honors Research Conference, 31<sup>st</sup> Annual Millsaps Student Science Research Symposium+, and 2023 Mississippi Amphibian & Reptile Conservation Meeting. +Second place – oral student presentation.
- Vasseur, P.\*, S. Collins, and **W. Selman**. 2022. Effects of tropical cyclones on Reddish Egret populations in Louisiana. The Waterbird Society Meeting, Corpus Christi, TX.
- Boxx, A.G.\*# and **W. Selman**. 2022. An analysis of the effects of coastal restoration and feral hogs on *Malaclemys terrapin* nesting ecology. Oral Presentation. 2022 Millsaps Honors Research Conference and 2022 Mississippi Amphibian & Reptile Conservation Meeting. +Best Honor's Project for Millsaps Division of Sciences.
- Haden, L.\*#, G. Leek#, H. Knudson#, and **W. Selman**. 2022. Behavioral ecology of three-toed box turtles (*Terrapene carolina triunguis*) in an urban Mississippi park. Oral Presentation. 2022 Mississippi Amphibian & Reptile Conservation Meeting.
- King, B.\*#, B. Watkins#, T. Weber#, J. Welsh#, and **W. Selman**. 2022. Population status of two species of rare salamanders in northeastern Mississippi. Poster. 2022 Mississippi Amphibian & Reptile Conservation Meeting.
- Selman, W.\***, G. Berry+, G. Brown+, S. Galicki, R.L. Jones, L. Haden#, L. Pearson+, and H. Smith#. 2022. Observations and insights from “alien turtles” moving into novel river systems in Mississippi. Oral Presentation. 2022 Mississippi Amphibian & Reptile Conservation Meeting.

- Watkins, B.\* #, T. Weber#, B. King#, J. Welsh#, and **W. Selman**. 2022. Distribution and abundance of green salamanders (*Aneides aeneus*) in northeastern Mississippi. Poster. 2022 Mississippi Amphibian & Reptile Conservation Meeting.
- Weber, T.\* #, B. Watkins#, B. King#, J. Welsh#, and **W. Selman**. 2022. Population status of eastern hellbenders (*Cryptobranchus alleganiensis*) in northeastern Mississippi. Poster. 2022 Mississippi Amphibian & Reptile Conservation Meeting.
- Smith, H.#, S. Galicki, and **W. Selman\***. 2020. Three's company: observations of a non-native map turtle (*Graptemys pseudogeographica*) occurring syntopically with two endemic *Graptemys* in the Pearl River, Mississippi. Poster. 2020 Annual Southeast Partners in Amphibian and Reptile Conservation Meeting, Nauvoo, AL.
- Manley, K.\*# and **W. Selman**. 2020. Aquatic turtle diversity at Fannye Cook Natural Area. Poster. 30<sup>th</sup> Annual Millsaps Student Science Research Symposium.
- Bellnap, G.\*# and **W. Selman**. 2019. Improved trapping methodologies and turtle community of Lefleur's Bluff State Park. Oral Presentation. 29<sup>th</sup> Annual Millsaps Student Science Research Symposium+, 2019 Millsaps Honors Research Conference, and 2019 Mississippi Amphibian and Reptile Conservation Meeting. February, March, and April 2019. +**Honorable Mention** for student oral presentation.
- Brown, G.\*+, L.S. Pearson+, G. Berry+, and **W. Selman**. 2019. A Yankee turtle invading the Deep South: confirmation of the northern map turtle (*Graptemys geographica*) in Mississippi. Oral Presentation. 2019 Mississippi Amphibian and Reptile Conservation Meeting. April 2019.
- Haden, L.\*#, R. Murray\*#, and **W. Selman**. 2019. Home range size and movements of box turtles (*Terrapene carolina*) in Lefleur's Bluff State Park. Poster. 29<sup>th</sup> Annual Millsaps Student Science Research Symposium and 2019 Mississippi Amphibian and Reptile Conservation Meeting. February and April 2019.
- Pearson, L.S.\*+, **W. Selman**, B. Kreiser, P.V. Lindeman, and R.L. Jones. 2019. Conservation genetics of two imperiled *Graptemys* species (*G. gibbonsi* and *G. pearlensis*) petitioned for federal listing. Oral Presentation. 2019 Annual Southeastern Partners in Amphibian and Reptile Conservation meeting, 2019 Mississippi Amphibian and Reptile Conservation Meeting, and 17<sup>th</sup> Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. February, April, August 2019.
- Selman, W.** 2019. Two imperiled *Graptemys* species of the Pearl River and impacts of the proposed One Lake project. Oral Presentation. 2019 Mississippi Amphibian and Reptile Conservation Meeting. April 2019.
- Bellnap, G.\*# and **W. Selman**. 2018. Turtle communities of Lefleur's Bluff State Park. Poster. 28<sup>th</sup> Annual Millsaps Student Science Research Symposium. February 2018.
- Carter, D.\*#, M. Sullivan, A. Anderson, and **W. Selman**. 2018. Population and demographics of eastern box turtles (*Terrapene carolina*) in Lefleur's Bluff State Park. Poster. 28<sup>th</sup> Annual Millsaps Student Science Research Symposium. February 2018.



- Collins, S.A.\*, **W. Selman**, M.S. Lognion, and W.T. Strong. 2018. Reproductive ecology of reddish egrets nesting on a natural marsh island in southwest Louisiana. Poster. Louisiana Association of Professional Biologists Meeting. August 2018.
- Collins, S.A.\*, **W. Selman**, M. Seymour, S. Holcomb, and W. Strong. 2018. Filling-in information gaps about North America's rarest Ardeid, the reddish egret (*Egretta rufescens*): investigating habitat selection, nesting ecology, and movement patterns of birds nesting in Louisiana. Oral Presentation. Baton Rouge Audubon Society. March 2018.
- Selman, W.** 2018. A pearl of great price: an urban stretch of river and its importance for two riverine *Graptemys* species of the Pearl River. Oral Presentation. 16th Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises in Fort Worth, TX. August 2018.
- Selman, W.** 2018. Ongoing herpetological research at Millsaps College. 2018. Poster. Mississippi Amphibian and Reptile Conservation and Research Meeting. Jackson, MS.
- Smith, H.\*# and **W. Selman**. 2018. Observations of a non-native map turtle, *Graptemys pseudogeographica*, in the Pearl River and proposed origins of introduction. Poster. 28<sup>th</sup> Annual Millsaps Student Science Research Symposium. February 2018.
- Whitaker, J.M.\*, K.M. Ringelman, J.R. Marty, **W. Selman**, and J.T. Linscombe. 2018. Changes in waterfowl abundance and species composition on Louisiana coastal wildlife management areas and refuges 2004 – 2016. Oral Presentation. 72nd Annual Conference of the Southeastern Association of Fish & Wildlife Agencies, Mobile, AL. Oct 2018.
- Brown, G.\*+, L. Pearson+, G. Berry+, M. Jaunsen#, and **W. Selman**. 2017. A Yankee turtle in the Deep South: surveys for the northern map turtle (*Graptemys geographica*) in Mississippi. Poster. 15th Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises in Charleston, SC. August 2017.
- Collins, S.A.\* and **W. Selman**. 2017. Reproductive ecology of reddish egrets nesting on a natural marsh island in southwest Louisiana. Oral presentation. American Ornithological Society Meeting, East Lansing, Michigan. August 2017.
- Collins, S.A.\*, **W. Selman**, and William Strong. 2017. Reproductive ecology of reddish egrets nesting on a natural marsh island in southwest Louisiana. Poster. Louisiana Association of Professional Biologists Meeting. August 2017.
- Pickens, B., S. King, P. Vasseur\*, S. Zimorski, and **W. Selman**. 2017. Seasonal movements and multiscale habitat selection of Whooping Crane (*Grus americana*) in natural and agricultural wetlands. Oral presentation. 14<sup>th</sup> North American Crane Workshop. Chattanooga, TN.
- Selman, W.\*** 2017. A major field experience: new Millsaps College turtle research projects in Mississippi. Poster. 15th Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises in Charleston, SC. August 2017.

## **College Service (2017 – Present, Millsaps College)**

**Pre-vet Advisor.** 2020 – pres.

**Committee Chair, Admissions Committee.** Provost appointed. 2020 – 2023.

**Faculty Representative.** Board of Trustees Facility and Grounds Committee. Elected. 2017 – pres.

**Faculty Advisor.** Kappa Sigma Fraternity, Alpha Upsilon Chapter. 2017 – pres.  
Academics Afield, 2021 – pres.

**Committee Co-Chair for the VP of Enrollment candidate search.** President appointed. 2020.  
\*Successful search.

**Committee Member, Admissions Committee.** Provost appointed. 2019 – 2020.

**Committee Member, Strategic Initiatives Working Group.** President appointed. Enrollment and Recruitment Committee. 2019

**Division of Sciences Faculty Representative.** Elected. Millsaps All College Council. 2017 – 2018.

### **Professional & Public Outreach and Service (since 2017)**

2017-  
Pres. **Board of Directors.** The American Turtle Observatory. Provide advice and guidance on new/existing projects; work to advance partnerships; and serve in an advisory role for grants program in order to identify, conserve, and protect landscapes for North American freshwater turtles.

2021 **Co-Organizer.** 2022 Mississippi Amphibian & Reptile Conservation Meeting.

2020 **Subject Area Expert.** Species status assessment team for the Pascagoula Map Turtle (*Graptemys gibbonsi*) and the Pearl Map Turtle (*Graptemys pearlensis*) with the U.S. Fish & Wildlife Service

2020 **Student Poster Presentation Judge.** 2020 Annual Southeast Partners in Amphibian and Reptile Conservation Meeting, Nauvoo, AL

2011-  
2018 **Conference Student Presentation Award Committee.** 9<sup>th</sup> – 16<sup>th</sup> Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises.

2018 **Conference Organizer for *Graptemys* Session.** 16th Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises in Fort Worth, TX.

2016 **Subject Area Expert.** Selected to provide status information regarding bird, reptile, and amphibian species of conservation concern for the “*Mississippi and North-Central Alabama Public Lands At-Risk Species Workshop.*”

2015-  
2017 **Advisor/Key Partner.** The American Turtle Observatory. Provide advice to identify, conserve, and protect landscapes for freshwater turtles in North America.

2013-  
2018 **Regional Co-representative for the Gulf Coast Region.** Diamondback Terrapin Working Group.

## Awards & Honors

### Millsaps College Academic Commendations, Sciences Division

- **Scholarship.** 6 years (AY 2016/2017 – 2021/2022)
- **Teaching.** 4 years (AY 2017/2018 – 2020/2021)
- **Service.** 2 years (AY 2019/2020, 2021/2022)

**2 Time Richard A. Smith Award for Excellence in Scholarship or Creative Work.** Selected among the Millsaps faculty for exceptional scholarship productivity. 2018, 2021.

**Best Paper Young Scholar in Herpetology.** Awarded for journal article in *Copeia* entitled, “Spatial, seasonal, and sexual variation in the diet of *Graptemys flavimaculata*.” 2018.

**Regional Vice Chair for North America.** Selected to represent North America for the Tortoise and Freshwater Turtle Specialist Group. 2017 – present.

**LDWF 2010 Employee Recognition Award.** Team Award for Deepwater Horizon Oil Spill Response & Disaster Recovery. 2011.

**Outstanding Doctoral Student of the Year Award.** College of Science and Technology, The University of Southern Mississippi. 2009.

**Best Student Presentation.** Desert Tortoise Council 34<sup>th</sup> Annual Symposium. 2009.

**Expert Opinion for Yellow-blotched Map Turtle.** In *Countdown to Extinction: Last One*. National Geographic 215(1): 82-107. Rangewide population estimate cited (page 88). 2009.

**Runner-Up for Best Student Presentation.** 5<sup>th</sup> Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises, Atlanta, GA. 2007.

## Journal Affiliations

- **Assistant/Associate Editor.** *Herpetological Conservation and Biology*. 2010–2016, 2021–pres. 7 manuscripts.
- **Co-Section Editor, Chelonians.** *Herpetological Conservation and Biology*. 2016–2021 49 manuscripts.
- **Graptemys Special Issue Guest Co-editor.** *Chelonian Conservation and Biology*. 2019–2020. 7 manuscripts.
- **Editorial Board.** *Southeastern Naturalist*. 2013–2016. 11 manuscripts.
- **Guest Associate Editor.** *Southeastern Naturalist*. 2012. 1 manuscript.
- **Reviewer.** *Chelonian Conservation and Biology* (10 manuscripts), *Southeastern Naturalist* (6), *Wilson Journal of Ornithology* (5), *Copeia/Ichthyology & Herpetology* (3), *Aquatic Conservation: Marine and Freshwater Ecosystems* (2), *Canadian Journal of Zoology* (2), *Conservation Physiology* (2), *Estuaries and Coasts* (2), *Herpetological Conservation and Biology* (2), *Journal of Fish and Wildlife Management* (2), *Journal of Herpetology* (2), *Ecology and Evolution* (1), *Gulf and Caribbean Research* (1), *Herpetologica* (1), *Journal of Field Ornithology* (1), *Journal of Threatened Taxa* (1), *Landscape and Urban Planning* (1), *PLOS ONE* (1), *Salamandra* (1), *Transactions of the Illinois State Academy of Science* (1), *Tropical Zoology* (1), and *Zootaxa* (1).

## Training

- **Airboat Operator Certified.** Department of the Interior Airboat Operation Certification Course AOCC. March 2012.
- **Boating Education Certified.** Louisiana Department of Wildlife and Fisheries. 2010, 2016.
- **Professional Grant Writing.** Grant Writing Center Professional Grant Writing Workshop. August 2012.
- **First Aid and Blood-borne Pathogens Training.** Four courses to discuss current First Aid and blood-borne pathogens protocols. 2010, 2015.
- **Certified to Prescribe Burn.** Certified Prescribed Marsh Burning Workshop. 2011.
- **Ethics Training.** Code of Ethics for Public Servants. 2012 – 2015.
- **Comprehensive Public Training Program for Supervisors.** Five courses pertaining to effective supervision including a core capstone course. 2015.

## Past Research Students

**Daniel Adams.** Millsaps College. Undergraduate Research Student. Spring 2018. Graduated

**Abigail Arfman.** McNeese State University, Lake Charles, LA. Master's Thesis committee member and collaborator. 2014 – 2016. Graduated.

**Lexi Barron.** Millsaps College. Undergraduate Research Student. Spring 2018. Graduated.

**Gracie Bellnap.** Millsaps College. HHMI Research Fellow and Honor's Student. 2017 – 2019. Graduated with Honors.

**Anna Grace Boxx.** Millsaps College. Honor's Student. 2020 – 2022. Graduated with Honors.

**Grover Brown.** The University of Southern Mississippi, Hattiesburg, MS. Doctoral Dissertation Committee Member. 2016 – 2020. Graduated.

**Drew Carter.** Millsaps College. Undergraduate Research Student. 2017 – 2018. Graduated.

**Jordan Donini.** Southeastern Louisiana University, Hammond, LA. Collaborator on Master's Thesis project. 2015 – 2016. Graduated.

**Garner Fincher.** Millsaps College. Undergraduate research student. 2019. Graduated.

**Robert Ford.** Louisiana State University, Baton Rouge, LA. Collaborator on Master's Thesis project. 2013 – 2015. Graduated.

**Daniel Gaillard.** The University of Southern Mississippi, Hattiesburg, MS. Collaborator on Doctoral Dissertation Project. 2013 – 2015. Graduated.

**Langston Haden.** Millsaps College. Undergraduate research student. 2018 – 2020. Graduated.

**Aaron Holbrook.** The University of Southern Mississippi, Hattiesburg, MS. Master's Thesis committee member. 2012 – 2015. Graduated.

**Lindsey Hoye.** Millsaps College. Undergraduate Research Student. Summer 2020, Summer 2021 – 2022. Graduated.

**Cybil Covic Huntzinger.** McNeese State University, Lake Charles, LA. Master's Thesis committee member and collaborator. 2011 – 2014. Graduated.

**McAulay Jaunsen.** Millsaps College. Undergraduate Research Student. 2017 – 2018. Graduated.

**Grady Leek.** Millsaps College. Undergraduate Research Student. 2019 – 2021.

**Irvin Louque.** McNeese State University, Lake Charles, LA. Master's Thesis committee member and collaborator. 2011 – 2014. Graduated.

**Bryce King.** Millsaps College. Undergraduate Research Student. 2021.

**Haley Knudson.** Millsaps College. Undergraduate Research Student. 2020 – 2021. Graduated.

**Kim Manley.** Millsaps College. Undergraduate research student. 2019 – 2020. Graduated.

**Maddie Moore.** Millsaps College. Undergraduate Research Student. Summer 2019, Summer 2021 – 2022. Graduated.

**Richard Murray.** Millsaps College. Undergraduate research student. 2018 – 2019. Graduated.

**Payton Passantino.** Millsaps College. Honor's research student (co-advised with C. Toyota). 2019 – 2020. Graduated with Honor's.

- Luke Pearson.** The University of Southern Mississippi, Hattiesburg, MS. Doctoral Dissertation Committee Member. 2017 – 2021. Graduated.
- Charlotte Petre.** The University of Southern Mississippi, Hattiesburg, MS. Collaborator on Thesis project. 2014 – 2015. Graduated.
- Beth Reinke.** Dartmouth College, Hanover, NH. Collaborator on Doctoral Dissertation project. 2013 – 2016. Graduated.
- Hunter Sellen.** Millsaps College. Undergraduate Research Student. 2020 – 2021. Graduated.
- Haley Smith.** Millsaps College. HHMI Research Fellow. 2017 – 2018. Graduated.
- Michael Sullivan.** Millsaps College. Undergraduate Research Student. 2017. Graduated.
- Willis Sylvest.** McNeese State University, Lake Charles, LA. Master's Thesis committee member and collaborator. 2014 – 2015. Incomplete; selected non-thesis route.
- Bailey Watkins.** Millsaps College. Honor's Student. 2022-2023. Graduated.
- Thomas Weber.** Millsaps College. Undergraduate Research Student. 2021. Graduated.
- Jack Welsh.** Millsaps College. Undergraduate Research Student. 2021. Graduated.

## Past Employees Supervised

- William Strong, Wildlife and Fisheries Technician 2-3 (Research), LDWF. 2015 – 2016.
- Phillip Vasseur, Biologist 2-3 (Research Biologist), LDWF. 2015 – 2016.
- Samantha Collins, Biologist 2-3 (Research Ornithologist), LDWF. 2014 – 2016.
- Sara Zimorski, Biologist 2-3 (Whooping Crane), LDWF. 2011 – 2016.
- Eva Szyszkoski, Wildlife and Fisheries Technician 2 (Whooping Crane), LDWF. 2015 – 2016.
- Bruce Davis, Ph.D. Biologist 2 (Research Ornithologist), LDWF. 2012 – 2014.
- Caleb Whalley, Summer Student Worker, LDWF. Summers 2014 – 2015.
- Dylan Trahan, Summer Student Worker, LDWF. Summer 2014.
- Deanna Brown, Summer Student Worker, LDWF. Summer 2013.
- Colt Reeves, Summer Student Worker, LDWF. Summers 2012 – 2013.
- Thomas Bocek, Map Turtle Field Technician, USM. 2008.
- Brandon Drescher, Map Turtle Field Technician, USM. 2008.
- Chris Griffith, Map Turtle Field Technician, USM. 2008.
- Dustin Strong, Map Turtle Field Technician, USM. 2007.