STEVE HUSKEY
CURRICULUM VITAE

PERSONAL INFORMATION

Office Address: Western Kentucky University
Department of Biology
1906 College Heights Blvd. #11080
Bowling Green, KY 42101-1080
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EDUCATION

Bachelor of Science. 1996. Western Michigan University.
Ph.D., Biology. 2003. Florida Institute of Technology.
Post-doctoral Associate. 2003. University of California, Davis.

RESEARCH INTERESTS

1. Ecological morphology of vertebrate feeding systems
2. Predator-prey interactions in vertebrates
3. Environmental biology of vertebrates
4. Skeletal design in vertebrates
5. Phenotypic plasticity in vertebrates

PROFESSIONAL EXPERIENCE

Teaching Appointments:

2010 – present. Associate Professor of Biology. Department of Biology, Western Kentucky University, Bowling Green, KY.
2003 – 2010. Assistant Professor of Biology. Department of Biology, Western Kentucky University, Bowling Green, KY.
2003. Teaching Assistant, Biological Discovery. Department of Biological Sciences, Florida Institute of Technology, Melbourne, FL.
1997 – 2003. Teaching Assistant, Biochemistry I and II. Department of Biological Sciences, Florida Institute of Technology, Melbourne, FL.

Research Appointments:

2003. Post-doctoral Associate - Department of Ecology and Evolution, UC-Davis, CA.
2000. Research Assistant - United States Department of Navy, Office of Naval Research. Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, FL.
1998 – 2000. Research Assistant - Lockheed-Martin Federal Systems, Department of Biological Sciences, Florida Institute of Technology, Melbourne, FL.
1998 – 2003. Field Researcher/Experimental Product Testing. Outdoor Technologies Group, Spirit Lake, IA.
1997 – 2003. Research Associate. Florida Fish and Wildlife Conservation Commission, Melbourne, FL.
1994. Research Intern. Michigan Department of Natural Resources - Wildlife Division, Jones, MI.

PROFESSIONAL AFFILIATIONS

National Geographic Explorer official designation
International Society of Vertebrate Morphologists
Society for Integrative and Comparative Biology
American Society of Ichthyologists and Herpetologists

PUBLICATIONS

***Primary Literature**:*

~ high school student
** undergraduate student*
^ graduate student
⁕ corresponding author

Waterman, R.~, S. Huskey⁕. *In review. 4/30/20.* Herbivory creates trophy bluegill and crappie fisheries in a southern Michigan lake. Michigan Academician.

2021. Gilbert, M.C.^, A.J. Conith, C.S. Lerose, J.K. Moyer, S.H. Huskey, R.C. Robertson. Extreme morphology, functional trade-offs, and evolutionary dynamics in a clade of open-ocean fishes (Perciformes: Bramidae). Integrative Organismal Biology 3(1):1-22. (Cover feature).

2021. Huskey, S⁕. Stingray spines embedded in the skull of a cobia, *Rachycentron canadum*. Ichthyological Research 68(1):214-216. (Early view, 24 July 2020 – DOI 10.1007/s10228-020-00767-1).

2020. Huskey, S.⁕, M. Westneat, J. Grubich. Piranha predation could not have driven the evolution of *Arapaima gigas* scales. Matter 3(6):1976-1978.

2020. Tegge, S.^, C. Anderson, M. Smith, S. Huskey⁕. The role of hyoid muscles in biotremor production in *Chamaeleo calyptratus*. Journal of Experimental Biology 223(22):1-10. (Cover feature).

2020. Tegge, S^, J. Hall*, S. Huskey⁕. Spatial and temporal changes in buccal pressure during prey-capture in the trumpetfish, *A. maculatus*. Zoomorphology 139(1):85-95. (Early view, 4 Dec 2019 – DOI 10.1007/s00435-019-00470-4).

2020. Huskey, S.⁕, S. Tegge^, C. Anderson, M. Smith, K. Barnett. Gular pouch diversity in the Chamaeleonidae. The Anatomical Record 303(8):2248-2261. (Early view, 3 Nov 2019 – DOI:10.1002/ar.24313).

2018. Hughes, R.~, K. Pedersen~, S. Huskey⁕. The kinematics of envenomation by the yellow stingray, *Urobatis jamaicensis*. Zoomorphology 137:409-418. (Cover feature). Selected by the Editor-In-Chief as the highlight article of Issue 3.

2014. Huskey, S.⁕, J. Grubich. Rebuttal to Zimmermann et al. 2103 regarding the evolution of *Arapaima gigas* scales to resist piranha predation. Nature Communications Letters. (https://www.nature.com/articles/ncomms3634#article-comments). Editor reviewed.

2013. Rose, J^, M. Sandefur*, S. Huskey, J. Demler*, M. Butcher. Muscle architecture and out-force potential of the thoracic limb in the Eastern mole (*Scalopus aquaticus*). Journal of Morphology 274:1277-1287.

2012. Grubich, J., S. Huskey, S. Crofts^, G. Orti, J. Porto. Mega-Bites: Extreme jaw forces of living and extinct piranhas (Serrasalmidae). Scientific Reports 2, 1009.

2006. Wainwright, P., S. Huskey, R. Turingan, A. Carroll^. Ontogeny of suction feeding capacity in snook. Journal of Experimental Zoology 305A:246-252.

2004. Carroll, A.^, P. Wainwright, S. Huskey, D. Collar^, R. Turingan. Morphology predicts suction feeding performance in centrarchid fishes. Journal of Experimental Biology 207:3873-3881.

2001. Huskey, S.⁕, R. Turingan. Variation in prey-resource utilization and oral jaw gape between two populations of largemouth bass, *Micropterus salmoides*. Environmental Biology of Fishes 61(2):185-194.

Books:

2017. The Skeleton Revealed: An Illustrated Tour of the Vertebrates. 360pgs. Johns Hopkins University Press. ISBN: 9781421421483

2012. Biology: Evolution, Diversity, & Ecology. 108pgs. Pearson Custom Publishing. ISBN: 9781256797463.
2003. Functional and morphological bases of intraspecific variation in the feeding ecomorphology of largemouth bass, *Micropterus salmoides*. Dissertation. 137pp.

Book Chapters:

2007. How Bass Attack *in* Bass Strategies, North American Fishing Club, Minnetonka, MN. Pages 8-13. ISBN: 9781581592740.

Technical Reports:

2003. Cox, D., S. Huskey. Benthic macroinvertebrate diversity in the upper St. John's River basin, east-central Florida. Project Report, Florida Fish and Wildlife Conservation Commission, Melbourne, FL. 57pp.
2000. Turingan, R., S. Huskey. Estimated biting strength of fishes and the effects of substratum type and jacket color on the vulnerability of underwater cables to fish bites. Technical Report, Lockheed-Martin Federal Systems, Manassas, VA. 65pp.
1999. Turingan, R., S. Huskey. Biological hazard assessment: Spatial and temporal variation in the occurrence of aggressive behavior in fishes and other benthic organisms in the marine environment. Technical Report, Lockheed-Martin Federal Systems, Manassas, VA. 72pp.

Popular Press:

2019. Huskey, S. A record-sized *Barbicambarus cornutus*. Crayfish News – International Association of Astacology 41(2):6.
2019. ^Lynn, G., S. Huskey, *K. Gray, N. Walters, J. Gill. A new model for quantifying hoof pressure distribution using Fujifilm. Abstract in J. Equine Vet. Science 76:127-128.
2012. Huskey, S. Small-Stream Bronzebacks. North American Fisherman. Minnetonka, MN.
2012. Huskey, S. WKU Spirit Magazine – Lights, Camera, Research (cover story).
2009. Huskey, S. Feeding mechanics: What they mean to you. North American Fisherman. Minnetonka, MN.
2008. Huskey, S. Modulation of feeding behaviors in freshwater gamefishes. North American Fisherman. Minnetonka, MN.
2007. Huskey, S. Bass are faster. North American Fisherman. Minnetonka, MN.
2006. Huskey, S. Naïve fish make for poor stockers. North American Fisherman. Minnetonka, MN.
2004. Scott, E.C., N.J. Matzke, G. Branch, S. Huskey, et al. The morphology of Steve. Annals of Improbable Research, July-August 24-29.
2003. Huskey, S. How bass attack. North American Fisherman. Minnetonka, MN.
2003. Huskey, S. Michigan vs. Florida bass: battle of the big mouths. North American Fisherman. Minnetonka, MN.
2002. Huskey, S. Hybridization in sunfish – Superfish? North American Fisherman. Minnetonka, MN.

Television and Online Features:

2020. Darwin has come – The reality of piranhas, the strongest cowards (science consultant). Japanese Natural History Channel (NHK).
2020. Biology faculty member revisits research on piranhas – WKU News: https://www.wku.edu/news/articles/index.php?view=article&articleid=8936
2020. Newsela K-12 Science Education: https://newsela.com/read/lib-welcome-to-the-bone-room/id/2000000999/?collection_id=339
2019. PBS series Legacy List (science consultant for shark tooth identification).
2019. WNKY interview regarding massive fish-kill in the Gasper River.
2019. WNKY & WBKO interviews regarding discovery of new record bottlebrush crayfish.
2018. Knowable Magazine Art and Science – Down to the Bone.
2018. NPR Science Friday: Welcome to the Bone Room. https://www.sciencefriday.com/articles/welcome-to-the-bone-room/?linkId=58724362

2018. Reel Time Florida Sportsman – Status: Goliath Grouper (research featured), Color Blind Media, FL.
2018. Stone Crab Claw Pressure, Discovery Channel Daily Planet. Toronto, ON. https://www.discovery.ca/Shows/Daily-Planet/video?vid=1374521.
2016. WBKO interview regarding power outage caused by a snake in a power station.
2014. Why Sharks Attack (bite force research featured), NOVA. WGBH, Boston, MA.
2014. Turtleman's Kentucky (science consultant and cameo). Animal Planet. Silver Springs, MD.
2012. River Monsters: Killer Weapons (science consultant), Animal Planet. Silver Springs, MD.
2011. Explorer: *Megapiranha* (host), National Geographic Channel. Washington, D.C.
2011. Naked Science: Sea Strikers (host), National Geographic Channel. Washington, D.C.
2010. WOW! episode 103 (goliath grouper research featured), National Geographic Channel. Washington, D.C.
2010. WOW! episode 102 (skeletal reconstruction research featured), National Geographic Channel. Washington, D.C.
2008. BG Daily News – WKU prof searches for secrets in skeletons.

GRANTS

2020. Isolating chameleon biotremors using laser vibrometry. Woodland Farm Foundation. $5000.
2020. Piranha bite force, reconciled pressure, and tooth functional morphology. Woodland Farm Foundation. $5000.
2020. WKU – QTAG. A survey of piranha maximum bite force, realized bite pressure, and tooth micro-structural characteristics. $2960.
2019. Remote sensing of biotremors to understand vibratory communication in the veiled chameleon. NSF – EPSCoR; unfunded.
2018. WKU – FUSE with Amelia Winrich. $3000.
2017. Collaborative Research: RUI: Substrate-borne communication in chameleons: Form and function of a novel signaling mechanism. NSF – Integrative Organismal Systems pre-proposal; non-invited for full.
2017. WKU – FUSE with Olivia Bickett. $4500.
2017. WKU – QTAG. Pressure transducer for ongoing suction feeding projects. $3000.
2017. Seismic communication in chameleons: Form and function of a novel signaling mechanism. WKU – RCAP; unfunded.
2016. Seismic communication in chameleons: Form and function of a novel signaling mechanism. NSF – Integrative Organismal Systems pre-proposal; non-invited for full.
2016. Seismic communication in chameleons: Form and function of a novel signaling mechanism. NSF, EPSCoR – REG. $33001.
2016. How do chameleons feel? Behavioral and neural responses to substrate vibrations. NSF – EPSCoR; unfunded.
2016. Talking dinosaurs: Behavioral and neural responses to communication via substrate vibration in chameleons. KSEF; unfunded.
2016. WKU – FUSE with Ruth Hughes. $4500.
2016. WKU – Gatton RSG with Ruth Hughes. $250.
2015. WKU – QTAG. How do chameleons feel? $1400.
2015. WKU – Gatton RIG with Kristen Pederson. $2000.
2015. WKU – Gatton RSG with Kristen Pederson. $250.
2014. Motor and biochemical plasticity mitigates the effects of temperature on feeding performance of fishes. NSF – Physiological Mechanisms and Biomechanics; unfunded.
2013. The pressure is on! National Geographic Dream Expedition RFP; unfunded.
2012. WKU – BSURE with Keyana Boka. $1500.
2012. WKU – FUSE with undergraduate Keyana Boka. $4590.
2012. Recording the novel infrasound communications of true chameleons in the wild for the first time. National Geographic Dream Expedition RFP; unfunded.
2010. Piranha bite force test. National Geographic Television. Washington, D.C. $1600.

2010. Fish that feed at break-neck speed. National Geographic Society – Expeditions Council. Washington, D.C. $17500.
2010. WKU – Regular Faculty Scholarship. $3000.
2009. Rebuilding the extinct *Megapiranha paranensis*. National Geographic Society – Expeditions Council. Washington, D.C. $35000.
2009. WKU – Proposal Incentive Fund. $5500.
2009. WKU – Provost's Initiative for Excellence. $3600.
2008. WKU – Honors Faculty Enrichment Grant. $1500.
2007. How giants feed. National Geographic Society – Committee for Research and Exploration. Washington, D.C. $15000.
2007. WKU – Faculty Summer Scholarship. $6000.
2007. WKU – Honors Faculty Enrichment Grant. $1440.
2006. WKU – Junior Faculty Scholarship. $4000.
2006. WKU – Proposal Incentive Fund. $6000.
2005. WKU – Faculty Summer Scholarship. $5000.
2004. Prey-capture in *Lepomis* spp.: Linking functional diversity with trophic ecology. NSF – EPSCoR; unfunded.
2004. Predatory fish feeding behavior. Biosonix Corporation; unfunded.
2004. WKU – Faculty Summer Scholarship. $5000.
2004. WKU – Proposal Development Travel Grant. $1000.
2003. Neuromuscular Patterns of Subterranean Locomotion: Integrating Form and Function through Performance. ULRF – Federal; unfunded.
2003. Florida Institute of Technology, Biology Graduate Student Association, Student Travel Grant, Melbourne, FL. $100.
2000. Sigma Xi, The Scientific Research Society, Grant in Aid of Research (GIAR), Research Triangle Park, NC. $600.
2000. American Fisheries Society - Black Bass 2000 Symposium, Bass Pro Shops Student Travel Grant, St. Louis, MO. $500.
2000. Florida Institute of Technology, Biology Graduate Student Association, Student Travel Grant, Melbourne, FL. $100.
2000. Florida Chapter American Fisheries Society Student Travel Grant, Brooksville, FL. $200.
1999. Florida Chapter American Fisheries Society Student Travel Grant, Brooksville, FL. $200.
1997. Private sector business contributions totaling more than $15000 toward bass research.

AWARDS

2021. Nominated for the 18th Annual Delsys Prize from the De Luca Foundation.
2021. Center for Innovative Teaching and Learning – CITL Teaching Honor nomination.
2020. Center for Innovative Teaching and Learning – CITL Teaching Honor nomination.
2019. Nominated for the OGSE Faculty Award for Student Advisement.
2019. WKU Women's Soccer Team M.V.P (Most Valuable Professor) recipient.
2019. Center for Innovative Teaching and Learning – CITL Teaching Honor nomination.
2019. USBank Celebration of the Arts, Kentucky Museum, 1st Place – Amateur Sculpture.
2017. Nominated for the Ogden College of Science and Engineering Teaching Award.
2016. Nominated for the WKU Undergraduate Student Mentor Award.
2015. Nominated for the WKU Class of 2019 Award for Engagement.
2014. Recipient of the Ogden College of Science and Engineering Advising Award.
2013. Nominated for the Ogden College of Science and Engineering Advising Award.
2012. Nominated for the Ogden College of Science and Engineering Advising Award.
2011. Nominated for the Ogden College of Science and Engineering Advising Award.
2010. National Geographic *Explorer* designation granted by the National Geographic Society.
2009. Recipient of the Ogden College of Science and Engineering Teaching Award.
2009. Nominated for the Ogden College of Science and Engineering Research Award.
2006. Nominated for the Ogden College of Science and Engineering Teaching Award.
2001. American Fisheries Society - Student Writing Award Honorable Mention. Bethesda, MD.
2001. Sigma Xi, The Scientific Research Society, Florida Institute of Technology

Chapter – First Place, Student Published Paper Competition, Melbourne, FL.
2001. Florida Fish and Wildlife Conservation Commission Division of Fisheries Outstanding Volunteer Service Award in Fisheries Research, Tallahassee, FL.
2001. American Fisheries Society – Florida Chapter Roger R. Rottmann Memorial Scholarship, Jacksonville, FL.
2000. American Fisheries Society – John E. Skinner Memorial Award Honorable Mention, St. Louis, MO.
2000. American Fisheries Society – Student Paper Honorable Mention. St. Louis, MO.
2000. Florida Fish and Wildlife Conservation Commission Fisheries Volunteer Commendation for Division of Freshwater Fisheries, Tallahassee, FL.
1999. Florida Game and Fresh Water Fish Commission Division of Fisheries Outstanding Volunteer Service Award in Fisheries Research, Tallahassee, FL.
1998 – 2001. Kalamazoo Foundation Clarence L. Remynse Graduate Scholarship, Kalamazoo, MI.
1998. Florida Game and Fresh Water Fish Commission Division of Fisheries Outstanding Volunteer Service Award in Fisheries Research, Tallahassee, FL.
1997 – 2001. David H. Greene Memorial Graduate Scholarship, Schoolcraft, MI.
1991 – 1996. David H. Greene Memorial Undergraduate Scholarship, Schoolcraft, MI.
1991. Bronson Hospital Outstanding Prospective Scientist Scholarship, Vicksburg, MI.

INVITED SPEAKER

2019. Bones to ballistic tongues: How animals catch and kill. SOKY SciFest, Science Café.
2019. Functional morphology in wildlife conservation. WKU Wildlife and Conservation Club.
2018. How undergraduate research can change your career. WKU TriBeta Club.
2017. Rammers, biters, suckers, and ballistic tongues: Sounds like love, but they are great ways to kill. Central Florida Safari Club. Ft. Lauderdale, FL.
2006. Fish suck: The challenges of feeding in an aquatic environment. University of Cincinnati, OH.
2004. Modulation of prey-capture kinematics in largemouth bass. Kentucky Academy of Sciences – Symposium on Aquatic Zoology. Murray, KY.
2003. Vertebrate design and function. Pfeiffer University, Misenheimer, NC.
2003. Big Mouth Billy Bass: A case study in vertebrate design and function. Western Kentucky University, Bowling Green, KY.
2000. Interpopulation variation in feeding ecology and biomechanics in largemouth bass, *Micropterus salmoides*. Florida Institute of Technology, Melbourne, FL.

PRESENTATIONS

**** undergraduate student***
^ graduate student
~ high school student

2020. Evaluation of hoof pressure, contact area, and force using Fujifilm® in booted and shod horses. ^G. Lynn, *V. Willis, *T. Cline, C. York, S. Huskey, J. Gill. International Conference on Canine and Equine Locomotion. Zurich, Switzerland (postponed).
2020. Realized pressure of stone crab claws from force and surface area analyses. *A. Winrich, *K. Knotts, ~O. Bickett, *T. Lawson, S. Huskey. WKU – SRC (postponed).
2020. Do you feel me now? Vibrational communication in veiled chameleons (*Chamaeleo calyptratus*) during courtship, breeding, and territoriality. ^L. Kappel, S. Huskey. WKU – SRC (postponed but delivered online).
2020. Evolution, ontogeny, and anatomy of *Pterycombus spp.*, with insights into the functional tradeoff between feeding and locomotion. ^C. Gilbert, A. Conith, C. Lerose, J. Moyer, S. Huskey, C. Albertson. Society for Integrative and Comparative Biology. Austin, TX.
2019. Maximum tetanic force production in the claws of stone crabs. ~O. Bickett, S. Huskey. Eckerd College Student Research Symposium, James Center for Molecular and Life Sciences. St. Petersburg, FL.
2019. A new model for quantifying hoof pressure distribution using Fujifilm. *G. Lynn, S. Huskey, *K. Gray, *N. Walters, J. Gill. WKU Student Research Conference (Session winner).

2019. A new model for quantifying hoof pressure distribution using Fujifilm. *G. Lynn, S. Huskey, *K. Gray, *N. Walters, J. Gill. 26th Equine Science Society Research Symposium. Ashville, NC.
2018. Behavioral contexts for production of and responses to vibration signals in the veiled chameleon, *Chamaeleo calyptratus*. ^K. Laslie, *E. Hamilton, S. Huskey, M. Smith. WKU Student Research Conference, Bowling Green, KY.
2018. Vibrational communication in chameleons: Part I. Specializations for vibration production and detection. *S. Palavra, ^S. Tegge, S. Huskey, C. Anderson, M. Smith. International Congress of Neuroethology, Brisbane, Australia.
2018. Vibrational communication in chameleons: Part II. Behavioral contexts for production of and responses to vibration signals. ^K. Laslie, *E. Hamilton, S. Huskey, C. Anderson, M. Smith. International Congress of Neuroethology, Brisbane, Australia.
2018. A new model for hoof pressure analysis on different terrains. J. Gill, S. Huskey, C. York. 15th Annual International Hoof Care Summit, American Farriers Journal, Cincinnati, OH.
2017. Functional diversity of the gular pouch in chameleons: Who Gives a Hoot! S. Huskey, C. Anderson, M. Smith, K. Barnett. American Society of Ichthyologists and Herpetologists, Austin, TX.
2017. The kinematics of envenomation by yellow stingrays. ~R. Hughes, S. Huskey, ~K. Pedersen. American Society of Ichthyologists & Herpetologists, Austin, TX.
2017. The mechanism and behavioral context of biotremors in the veiled chameleon, *Chamaeleo calyptratus*. ^S. Tegge, C. Anderson, M. Smith, K. Barnett, S. Huskey. American Society of Ichthyologists and Herpetologists, Austin, TX.
2017. The impact of exotic lionfish, *Pterois volitans,* on the feeding performance of endemic spotted scorpionfish, *Scorpaena plumieri*. ^N. Zbasnik, S. Huskey. American Society of Ichthyologists and Herpetologists, Austin, TX.
2017. The kinematics of envenomation by yellow stingrays. ~R. Hughes, S. Huskey, *K. Pedersen. Sigma Xi SRC, Bowling Green, KY.
2017. How do chameleons sense vibrations? Microscopic examination of possible sensory structures. *S. Palavra, S. Huskey, M. Smith. Sigma Xi SRC, Bowling Green, KY.
2016. Some chameleons really do hear it through the grapevine. S. Huskey, C. Anderson, M. Smith, K. Barnett. 11th International Congress of Vertebrate Morphology. Wash., D.C.
2016. What is all the buzz about? A novel form of seismic communication found in chameleons. M. Smith, S. Huskey, C. Anderson, K. Barnett. XII Congress for the International Society for Neuroethology. Montevideo, Uruguay.
2016. How to grow monster fish: diet, age, and growth of trophy bluegill and crappie in Michigan. ~R. Waterman, S. Huskey. Michigan FFA Agriscience Fair. East Lansing, MI.
2013. Reconstructing the bite of the giant Miocene piranha, *Megapiranha paranensis.* J. Grubich, S. Huskey, ^S. Crofts, G. Orti, J. Porto. Society for Integrative and Comparative Biology. San Francisco, CA.
2010. Explorer: *Megapiranha*, for National Geographic Television. Amazonia, Brazil.
2010. Naked Science: Sea Strikers, for National Geographic Television. Boynton Beach, FL.
2010. Pattern of suction generation during prey-capture in an elongate fish. *J. Hall, *R. Quintero, S. Huskey, M. Gibbs. Sigma Xi SRC, Bowling Green, KY.
2010. Pattern of suction generation during prey-capture in an elongate fish. *J. Hall, *R. Quintero, S. Huskey, M. Gibbs. KAS - NKU, Highland Heights, KY.
2010. Prey-induced phenotypic plasticity in the teeth of hatchery vs. wild largemouth bass. ^T. Selvaraj, ^M. Mahan, S. Huskey. KAS - NKU, Highland Heights, KY.
2010. Prey-induced phenotypic plasticity in the teeth of hatchery vs. wild largemouth bass. ^T. Selvaraj, ^M. Mahan, S. Huskey. Sigma Xi SRC, Bowling Green, KY.
2009. Muscle mass limits suction feeding performance among three centrarchid species. ^A. Carroll, S. Huskey, P. Wainwright. Society for Integrative and Comparative Biology. Boston, MA.
2009. Modulation of prey-capture behavior in the goliath grouper. S. Huskey, *E. Gilson, *M. Hougland, A. Rhyne, and N. Konow. Amer. Fish. Soc. Nashville, TN.
2009. Scaling of feeding behavior and performance in goliath groupers. *M. Riggs, S. Huskey, A. Rhyne, N. Konow. Amer. Fish. Soc. Nashville, TN.

2009. Pattern of suction generation during prey-capture in an elongate fish. *J. Hall, *R. Quintero, S. Huskey, M. Gibbs. Amer. Fish. Soc. Nashville, TN.
2009. Prey-induced phenotypic plasticity in the teeth of hatchery vs. wild largemouth bass. ^T. Selvaraj, *M. Mahan, S. Huskey. Amer. Fish. Soc. Nashville, TN.
2009. Suction feeding in an elongate fish. *J. Hall, *R. Quintero, S. Huskey, and M. Gibbs. WKU-SRC. Bowling Green, KY.
2009. Modulation of feeding behaviors in goliath groupers. *E. Gilson, *M. Hougland, S. Huskey, A. Rhyne, and N. Konow. WKU-SRC. Bowling Green, KY.
2009. Scaling of feeding performance in goliath groupers. *M. Riggs, S. Huskey, A. Rhyne, N. Konow. WKU-SRC. Bowling Green, KY.
2008. How giants feed: prey-capture in North America's largest reef fish. S. Huskey, *E. Gilson, *M. Hougland, A. Rhyne, N. Konow. Gulf and Caribbean Fisheries Institute. Punta Cana, Dominican Republic.
2008. Pattern of subambient pressure changes in trumpetfish. *J. Hall, *R. Quintero, S. Huskey, M. Gibbs. WKU BSURE Research Conference. Bowling Green, KY.
2007. Variation in feeding performance relative to prey elusivity in largemouth bass, *Micropterus salmoides floridanus*. ^S. Legates, S. Huskey. CO/WY American Fisheries Society. Fort Collins, CO.
2007. Why the long face? Suction feeding in trumpetfishes. S. Huskey, *J. Hall, *R. Quintero. Society for Integrative and Comparative Biology. Phoenix, AZ.
2006. Modulation of intra-oral subambient pressure and feeding behavior relative to prey type in the largemouth bass, *Micropterus salmoides floridanus*. ^S. Legates, S. Huskey. University of Wyoming. Laramie, WY.
2006. Variation in feeding performance relative to prey elusivity in largemouth bass, *Micropterus salmoides floridanus*. ^S. Legates, S. Huskey. Kentucky/Tennessee American Fisheries Society. Buchanan, TN.
2005. Modulation of intra-oral pressure in feeding largemouth bass. ^S. Legates, S. Huskey. Kentucky Academy of Sciences. Richmond, KY.
2005. Scaling snook suction: effects of body size on feeding performance. S. Huskey, P. Wainwright, R. Turingan, ^A. Carroll. Society for Integrative and Comparative Biology. San Diego, CA.
2005. Force transmission during suction feeding in centrarchid fish. ^A. Carroll, S. Huskey, P. Wainwright. Society for Integrative and Comparative Biology. San Diego, CA.
2005. Role of prey-capture kinematics in the interaction between the introduced pike killifish and the native largemouth bass. American Society of Ichthyologists and Herpetologists. Tampa, FL.
2005. Scaling snook suction: effects of body size on feeding performance. Kentucky Academy of Sciences. Richmond, KY.
2004. Modulation of prey-capture kinematics in largemouth bass, *Micropterus* spp. Society for Integrative and Comparative Biology. New Orleans, LA.
2003. Modulation of feeding performance in largemouth bass, *Micropterus salmoides*: kinematics of prey capture in structured and non-structured environments. American Fisheries Society, Florida Chapter. Brooksville, FL.
2002. Functional and morphological bases of intraspecific variation in the feeding ecomorphology of largemouth bass, *Micropterus salmoides*. Society for Integrative and Comparative Biology. Anaheim, CA.
2002. Intraspecific variation in largemouth bass, *Micropterus salmoides*; food, jaws, and life in front of the camera. Florida Ichthyological Student Homily (F.I.S.H.). Florida Institute of Technology, Melbourne, FL.
2001. Variation in prey-resource utilization and oral jaw gape between two populations of largemouth bass, *Micropterus salmoides*. Society for Integrative and Comparative Biology. Chicago, IL.
2001. Functional and morphological bases of intraspecific variation in the feeding ecomorphology of largemouth bass, *Micropterus salmoides*. Florida Ichthyological Student Homily (F.I.S.H.). Tampa, FL.
2000. Dietary switch through ontogeny in largemouth bass, *Micropterus salmoides*: a

comparison between subtropical and temperate lakes. Society for Integrative and Comparative Biology. Atlanta, GA.

2000. Interpopulation variation in patterns of prey resource use by largemouth bass, *Micropterus salmoides*. Florida Academy of Sciences. Melbourne, FL.

2000. Ontogenetic variability in prey consumption and oral jaw measurements between two endemic populations of *M. salmoides*. American Fisheries Society Florida Chapter. Brooksville, FL.

2000. Intraspecific variation in food habits, jaw gape, and lower jaw biomechanics in *Micropterus salmoides*. Florida Ichthyological Student Homily (F.I.S.H.). Melbourne, FL.

2000. Interpopulation variation in prey resource use and oral jaw gape in largemouth bass, *Micropterus salmoides*. American Fisheries Society. St. Louis, MO.

1999. Dietary switch through ontogeny in largemouth bass, *Micropterus salmoides*: a comparison between Michigan and Florida lakes. American Fisheries Society Florida Chapter. Brooksville, FL.

1999. Dietary switch through ontogeny in largemouth bass, *Micropterus salmoides*: a comparison between Michigan and Florida lakes. Florida Institute of Technology, Sigma Xi. Melbourne, FL.

SKELETAL EXHIBIT CONTRIBUTOR

American Museum of Natural History
Kentucky Caves Exhibit (framed bat skeleton for display), WKU Kentucky Museum
USBank Celebration of the Arts, WKU Kentucky Museum, 1st Place – Amateur Sculpture
Woods Hole Oceanographic Institute, Marine Biological Laboratory
Instruments of American Excellence, WKU Kentucky Museum
Effects of Climate Change on Mammoth Cave National Park, WKU Kentucky Museum
Harvard Museum of Comparative Zoology, Cambridge, MA
Harvard Museum of Natural History, Cambridge, MA
California Academy of Science, San Francisco, CA
Miami Museum of Science and Planetarium, Miami, FL
Ripley's Believe It or Not, Chattanooga, TN
Scholastic, Inc. – Classroom Magazines (2013, 2015, 2019)
Houston Museum of Natural Science, TX
Liberty Science Center, Jersey City, NJ
Savannah College of Art and Design, Savannah, GA
University of California, Davis, CA
Florida Institute of Technology, FL
Christopher Newport University, Newport News, VA
Image Knowledge Gestaltung, Interdisciplinary Research Cluster "+ultra" Exhibition, Martin-Gropius, Bau, Berlin, Germany