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### EDUCATION

Ph.D. Zoology, Clemson University, Clemson, South Carolina, 2006.

M.S. Wildlife and Fisheries Sciences, Texas A&M University, College Station, Texas, 2002.

B.S. Marine Biology, Texas A&M University, Galveston, Texas, 1999.

B.S. Marine Fisheries, Texas A&M University, Galveston, Texas, 1999.

### PROFESSIONAL EXPERIENCE

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|--------------|---|
| 2016-present | Unit Leader, Hawai'i Cooperative Fishery Research Unit, University of Hawai'i at Hilo, Hilo, Hawai'i, USA. [GS-14]  |
| 2019-present | Affiliate Faculty, Natural Resources and Environmental Management, University of Hawai'i at Mānoa, Honolulu, Hawai'i, USA.  |
| 2017-present | Affiliate Faculty III, Marine Biology Graduate Program, University of Hawai'i at Mānoa, Honolulu, Hawai'i, USA.   |
| 2016-present | Unit Leader, Hawai'i Cooperative Fishery Research Unit, University of Hawai'i at Hilo, Hilo, Hawai'i, USA. [GS-13]  |
| 2016-present | Adjunct Associate Professor, Department of Marine Science, University of Hawai'i at Hilo, Hilo, Hawai'i, USA.   |
| 2016-present | Research Associate Professor, Department of Natural Resources Management, Texas Tech University, Lubbock, Texas, USA.   |
| 2014-2016    | Assistant Unit Leader – Fisheries, Texas Cooperative Fish & Wildlife Research Unit, Texas Tech University, Lubbock, Texas, USA. [GS-13]   |
| 2012-present | Adjunct Assistant Professor, Oklahoma State University, Stillwater, Oklahoma, USA.  |
| 2010-2016    | Research Assistant Professor of Natural Resources Management, Texas Tech University, Lubbock, Texas, USA.   |
| 2010-2014    | Assistant Unit Leader – Fisheries, Texas Cooperative Fish & Wildlife Research Unit, Texas Tech University, Lubbock, Texas, USA. [GS-12]   |
| 2007-2010    | Research Scientist/Lecturer, Institute of Biology, University of Iceland, Reykjavik, Iceland.   |
| 2006-2007    | Postdoctoral Research Associate, Georgia Cooperative Fish & Wildlife Research Unit, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia, USA.                            |
| 2006         | Research Professional II, Georgia Cooperative Fish & Wildlife Research Unit, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia, USA                                    |
| 2002-2006    | Graduate Teaching and Research Assistant, Clemson University, Clemson, South Carolina, USA.   |
| 1999-2002    | Graduate Teaching and Research Assistant, Texas A&M University, College Station and Galveston, Texas, USA.<br>Graduate Curator Assistant, Texas Cooperative Wildlife Collection, College Station, Texas, USA. |
| 1997-1999    | Laboratory Assistant/Technician, National Resource Center for Cephalopods, Marine Biomedical Institute, University of Texas Medical Branch, Galveston, Texas, USA.  |

Research Technician, Texas A&M University at Galveston, Galveston, Texas, USA.

## JOURNAL ARTICLES

- (40) Miyazono S, AA Pease, S Fritts, & **TB Grabowski**. 2020. Ontogenetic shifts in mesohabitat use of young-of-year Rio Grande Blue Sucker in the Big Bend region of the Rio Grande. *Environmental Biology of Fishes* 103:1471-1480. doi: 10.1007/s10641-020-01038-8
- (39) Groeschel JR, S Miyazono, **TB Grabowski**, BD Cheek, & GP Garrett. 2020. Growth and habitat Use of Guadalupe Bass in the South Llano River, Texas. *Journal of Fish and Wildlife Management* 11:33-45. doi: 10.3996/022018-JFWM-015
- (38) **Grabowski TB**, SP Young, & P Cott. 2019. Looking for love under the ice: Using passive acoustics to detect burbot (*Lota lota*: Gadidae) spawning activity. *Freshwater Biology* 65:37-44. doi: 10.1111/fwb.13314
- (37) Pease JE, **TB Grabowski**, AP Pease, & PT Bean. 2018. Changing environmental gradients over forty years alter ecomorphological variation in Guadalupe Bass *Micropterus treculii* throughout a river basin. *Ecology and Evolution* 8:8508-8522. doi: 10.1002/ece3.4349.
- (36) **Grabowski TB**, JE Pease, & JR Groeschel. 2018. Intraspecific differences in morphology corresponds to differential spawning habitat use in two riverine catostomid species. *Environmental Biology of Fishes* 101:1249-1260. doi: 10.1007/s10641-018-0772-9
- (35) Roesler EL, & **TB Grabowski**. 2018. Estimating factors influencing the detection probability of semi-aquatic freshwater snails using quadrat survey methods. *Hydrobiologia* 808:153-161. doi: 10.1007/s10750-017-3415-9
- (34) Acre MR, C Alejandrez, J East, WA Massure, S Miyazono, JE Pease, EL Roesler, HM Williams, & **TB Grabowski**. 2017. Comparison of the precision of age estimates generated from fin rays, scales, and otoliths of Blue Sucker. *Southeastern Naturalist* 16:215-224. doi: 10.1656/058.016.0208
- (33) Mueller JS, **TB Grabowski**, SK Brewer, TA Worthington. 2017. Effects of temperature, dissolved solids, and suspended solids on the early life history stages of Arkansas River Shiner. *Journal of Fish and Wildlife Management* 8:79-88. doi: 10.3996/112015-JFWM-111
- (32) Sharma P, **TB Grabowski**, & R Patiño. 2016. Thyroid endocrine disruption and external body morphology of Zebrafish. *General and Comparative Endocrinology* 226:42-49. doi: 10.1016/j.ygcen.2015.12.023
- (31) Cheek BD, **TB Grabowski**, PT Bean, JR Groeschel, & SJ Magnelia. 2016. Evaluating habitat associations of a fish assemblage at multiple spatial scales in a minimally disturbed stream using low-cost remote sensing. *Aquatic Conservation: Marine and Freshwater Ecosystems* 26:20-34. doi: 10.1002/aqc2569
- (30) Acre M & **TB Grabowski**. 2015. Deployment of paired pushnets from jet-propelled kayaks to sample ichthyoplankton. *North American Journal of Fisheries Management* 35:925-929. doi: 10.1080/02755947.2015.1069426
- (29) Birdsong TW, M Bean, TB Hardy, **TB Grabowski**, T Heard, D Holdstock, K Kollaus, S Magnelia, & K Tolman. 2015. Application and utility of a low-cost unmanned aerial system to manage and conserve aquatic resources in four Texas rivers. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:80-85.

- (28) **Grabowski TB**, BJ McAdam, V Thorsteinsson, & G Marteinsdóttir. 2015. Evidence from data storage tags for the presence of lunar and semilunar behavioral cycles in spawning Atlantic Cod. *Environmental Biology of Fishes* 98:1767-1776. doi: 10.1080/19425120.2014.920744
- (27) Huber CG, **Grabowski TB**, KL Pope, & R Patiño. 2014. Distribution and habitat associations of juvenile Common Snook in the lower Rio Grande. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 6:170-180. doi: 10.1080/19425120.2014.920744
- (26) **Grabowski TB**, V Thorsteinsson, & G Marteinsdóttir. 2014. Spawning behavior in Atlantic Cod: analysis by use of data storage tags. *Marine Ecology Progress Series* 506:279-290. doi:10.3354/meps10787
- (25) Worthington TA, SK Brewer, N Farless, **Grabowski TB**, & MS Gregory. 2014. Interacting effects of discharge and channel morphology on transport of semibuoyant fish eggs in large, altered river systems. *PLoS One* 9(5):e96599-e96608. doi: 10.1371/journal.pone.0096599.
- (24) Worthington, TA, SK Brewer, **Grabowski TB**, & J Mueller. 2014. Backcasting the decline of a vulnerable Great Plains reproductive ecotype: Identifying threats and conservation priorities. *Global Change Biology* 20:89-102. doi: 10.1111/gcb.12329.
- (23) Mueller JS, BD Cheek, Q Chen, J Groeschel, SK Brewer, & **Grabowski TB**. 2013. A simple device for measuring the minimum current velocity to maintain semi-buoyant fish eggs in suspension. *The Prairie Naturalist* 45:84-89.
- (22) Taabu-Munyaho A, RJ Kayanda, I Eversons, **Grabowski TB**, & G Marteinsdóttir. 2013. Distribution and exploitation of Nile Perch *Lates niloticus* in relation to stratification in Lake Victoria, East Africa. *Journal of Great Lakes Research* 39:466-475. doi: 10.1016/j.jglr.2013.06.009.
- (21) Worthington, TA, SK Brewer, **Grabowski TB**, & J Mueller. 2013. Sampling efficiency of the Moore egg collector. *North American Journal of Fisheries Management* 33:79-88. doi: 10.1080/02755947.2012.741557
- (20) **Grabowski TB**, KM Boswell, BJ McAdam, RJD Wells & G Marteinsdóttir. 2012. Characterization of Atlantic Cod spawning habitat and behavior in Icelandic coastal waters. *PLoS One* 7(12):e51312. doi:10.1371/journal.pone.0051321
- (19) **Grabowski TB**, Young SP, JJ Isely, & PC Ely. 2012. Age, growth, and reproductive biology of catostomid species from the Apalachicola River, Florida. *Journal of Fish and Wildlife Management* 3(2):223-237. doi: 10.3996/012012-JFWM-008
- (18) McAdam BJ, **Grabowski TB** & G Marteinsdóttir. 2012. Identification of stock components using morphological markers. *Journal of Fish Biology* 81:1447-1462. doi: 10.1111/j.1095-8649.2012.03384.x
- (17) McAdam BJ, **Grabowski TB** & G Marteinsdóttir. 2012. Testing for differences in spatial distributions from telemetry data. *Fisheries Research* 127-128:148-153. doi:10.1016/j.fishres.2012.02.024
- (16) **Grabowski TB**, V Thorsteinsson, BJ McAdam, & G Marteinsdóttir. 2011. Evidence of segregated spawning in a single marine fish stock: sympatric divergence of ecotypes in Icelandic cod? *PLoS One* 6(3):e17528. doi:10.1371/journal.pone.0017528
- (15) Young SP, **Grabowski TB**, PC Ely, & JJ Isely. 2010. First record of Highfin Carpsucker *Carpionodes velifer* in the Apalachicola River, Florida. *Southeastern Naturalist* 9:165-170. doi: 10.1656/058.009.0112

- (14) **Grabowski TB**, SP Young, LA Libungan, A Steinarsson & G Marteinsdóttir. 2009. Evidence of phenotypic plasticity and local adaptation in metabolic rates between components of the Icelandic cod (*Gadus morhua* L.) stock. *Environmental Biology of Fishes* 86:361-370. doi: 10.1007/s10641-009-9534-z
- (13) **Grabowski TB**, TD Ferguson, JT Peterson & CA Jennings. 2009. Capture probability and behavioral response of the Robust Redhorse, a cryptic riverine fish, to electrofishing. *North American Journal of Fisheries Management* 29:721-729. doi: 10.1577/M08-060.1
- (12) **Grabowski TB** & CA Jennings. 2009. Radio-tagged “guide fish”: a method for uncovering information about rare or cryptic fishes. *Fisheries Management and Ecology* 16:68-71. doi: 10.1111/j.1365-2400.2008.00618.x
- (11) **Grabowski TB** & CA Jennings. 2009. Post-release movements and habitat use of Robust Redhorse transplanted to the Ocmulgee River, Georgia. *Aquatic Conservation: Marine and Freshwater Ecosystems* 19:170-177. doi: 10.1002/aqc.980
- (10) **Grabowski TB** & JJ Isely. 2008. Size of spawning population, residence time, and territory shifts of individuals in the spawning aggregation of a riverine catostomid. *Southeastern Naturalist* 7:475-482. doi: 10.1656/1528-7092-7.3.475
- (9) **Grabowski TB**, NL Ratterman & JJ Isely. 2008. Demographics of the spawning aggregations of four catostomid species in the Savannah River, South Carolina and Georgia. *Ecology of Freshwater Fish* 17:318-327. doi: 10.1111/j.1600-0633.2007.00284
- (8) **Grabowski TB**, & JJ Isely. 2007. Effects of flow fluctuations on riverine fish spawning habitat. *Southeastern Naturalist* 6:471-478. doi: 10.1656/1528-7092(2007)6[471:EOFFOT]2.0.CO;2
- (7) **Grabowski TB** & JJ Isely. 2007. Spatial and temporal segregation of spawning habitat by catostomids in the Savannah River, Georgia and South Carolina, U.S.A. *Journal of Fish Biology* 70:782-798. doi: 10.1111/j.1095-8649.2007.01341.x
- (6) **Grabowski TB** & JJ Isely. 2006. Seasonal and diel movement and habitat use of Robust Redhorses in the Savannah River, Georgia and South Carolina. *Transactions of the American Fisheries Society* 135:1145-1155. doi: 10.1577/T05-230.1
- (5) Paller MH, DE Fletcher, MM Standora, **TB Grabowski**, TA Jones, SA Dyer & JJ Isely. 2006. Emigration of fish from two South Carolina cooling reservoirs. *North American Journal of Fisheries Management* 26:976-982. doi: 10.1577/M05-168.1
- (4) **Grabowski TB** & JJ Isely. 2005. Use of prepositioned grid electrofishers for the collection of Robust Redhorse broodstock. *North American Journal of Aquaculture* 67:89-92. doi: 10.1577/A04-031.1
- (3) **Grabowski TB** & JJ Isely, and R.R. Weller. 2004. Age and growth of Flathead Catfish, *Pylodictis olivaris* Rafinesque, in the Altamaha River, Georgia. *Journal of Freshwater Ecology* 19:411-417. doi: 10.1080/02705060.2004.9664914
- (2) Isely JJ, DG Trested & **TB Grabowski**. 2004. Tag retention and survivorship of hatchery Rainbow Trout marked with large format V1alpha tags. *North American Journal of Aquaculture* 66:73-74. doi: 10.1577/C03-018
- (1) Isely JJ & **TB Grabowski**. 2004. Occurrence, size, and tag retention of sneaker male hatchery Rainbow Trout. *North American Journal of Aquaculture* 66:234-236. doi: 10.1577/A03-023.1

## BOOK CHAPTERS

- (4) **Grabowski TB** & JH Grabowski. 2019. Early life history. Pages 133-168 in GA Rose, ed. Atlantic Cod: a bio-ecology. John Wiley and Sons, New York. doi: 10.1002/9781119460701.ch4
- (3) Long JM & **TB Grabowski**. 2017. Otoliths. Pages 189-220 in MC Quist & DA Isermann, eds. Age and growth of fishes: principles and techniques. American Fisheries Society, Bethesda, Maryland.
- (2) Birdsong TW, MS Allen, JE Claussen, GP Garrett, **TB Grabowski**, J Graham, F Harris, A Hartzog, D Hendrickson, RA Krause, J Leitner, JM Long, CK Metcalf, DP Phillipp, WF Porak, S Robinson, SM Sammons, S Shaw, JE Slaughter IV, & MD Tringali. 2015. Native Black Bass Initiative: Implementing watershed-scale approaches to conservation of endemic black bass and other native fishes in the southern United States. Pages 363-378 in MD Tringali, MS Allen, TW Birdsong, and JM Long, eds. Black bass diversity: multidisciplinary science for conservation. American Fisheries Society, Symposium 82, Bethesda, Maryland.
- (1) Isely JJ & **TB Grabowski**. 2007. Age and growth. Pages 187-228 in ML Brown & CS Guy, eds. Analysis and interpretation of freshwater fisheries data. American Fisheries Society, Bethesda, Maryland.

## TECHNICAL REPORTS

- (16) Suarez B & **TB Grabowski**. 2020. Estimating detection and occupancy coefficients for the Pacific Islands coral reef fish species. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series XXX-XXX. Washington, D.C.
- (15) Stanfield S, Acre MR, Patiño R, Grabowski TB, Bean PT. 2019. Influence of temperature on swimming performance of blue suckers. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series XXX-XXX. Washington, D.C.
- (14) Acre MR, Smith NG, **Grabowski TB**, Patiño R, Buckmeier D, Mayes K, & Bean PT. 2019. Blue Sucker *Cycleptus elongatus* produce annuli annually: validating annulus formation in fin rays and otoliths. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series XXX-XXX. Washington, D.C.
- (13) **Grabowski TB**, HM Williams, R Verble, A Pease, & JE Pease. 2019. Guadalupe Bass flow-ecology relationships; with emphasis on the impact of flow on recruitment. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series XXX-XXX. Washington, D.C.
- (12) Miyazono S, AA Pease, **TB Grabowski**, & SR Fritts. 2019. Recruitment dynamics and reproductive ecology of Blue Sucker in Texas, with a focus on the Big Bend region of the Rio Grande. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series XXX-XXX. Washington, D.C.
- (11) **Grabowski TB** & EC Franklin. 2017. What can volunteer angler tagging data tell us about the status of the Giant Trevally (ulua akuea) *Caranx ignobilis* fishery in Hawai'i: revisiting data collected during Hawai'i's Ulua and Papio Tagging Project 2000-2016. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series FWS/CSS-126-2017, Washington, D.C.
- (10) Pease JE, **TB Grabowski**, & AA Pease. 2017. Variation and plasticity and their interaction with urbanization in Guadalupe Bass populations on and off the Edwards Plateau. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series FWS/CSS-125-2017, Washington, D.C.

- (9) **Grabowski TB**. 2016. Assessing the feasibility of using acoustic monitoring for Burbot conservation, management, and production. Report provided by the Cooperative Fish and Wildlife Research Unit Program under agreement with the U.S. Fish and Wildlife Service. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series FWS/CSS-118-2016, National Conservation Training Center.
- (8) **Bean PT & TB Grabowski**. 2015. Evaluation and refinement of Guadalupe Bass conservation strategies to support adaptive management. Department of Interior, Fish and Wildlife Service, Cooperator Science Series FWS/CSS-114-2015, Washington, D.C.
- (7) **Cheek BD & TB Grabowski**. 2014. Evaluating habitat associations of a fish assemblage at multiple scales in a minimally disturbed stream on the Edwards Plateau, central Texas. U.S. Department of Interior, Fish and Wildlife Service, Cooperator Science Series FWS/CSS-104-2014, Washington, D.C.
- (6) **Grabowski TB**. 2014. Suckers (particularly *Moxostoma* spp.). Pages 56-63 in MM Davis & SK Brewer (eds.). Gulf Coast Prairie Landscape Conservation Cooperative Regional Hypotheses of Ecological Responses to Flow Alteration. A report by the GCP LCC Flow-Ecology Hypotheses Committee to the Southeast Aquatic Resources Partnership (SARP) for the GCP LCC Instream Flow Project. Wildlife Management Institute Grant Number GCP LCC 2012-003.
- (5) **Grabowski TB**. 2014. Guadalupe Bass (*Micropterus treculii*). Pages 42-48 in MM Davis & SK Brewer (eds.). Gulf Coast Prairie Landscape Conservation Cooperative Regional Hypotheses of Ecological Responses to Flow Alteration. A report by the GCP LCC Flow-Ecology Hypotheses Committee to the Southeast Aquatic Resources Partnership (SARP) for the GCP LCC Instream Flow Project. Wildlife Management Institute Grant Number GCP LCC 2012-003.
- (4) **Brewer SK & TB Grabowski**. 2013. Evaluating the reproductive success of Arkansas River Shiner by assessing early life-history stage dispersal and survival at the landscape level. Final report to the U.S. Fish and Wildlife Service, Great Plains Landscape Conservation Cooperative (FWS agreement number F11AP00112).
- (3) **Marteinsdóttir G, TB Grabowski, BJ McAdam, V Thorsteinsson, SB Kristgeirsson & S Guðbjörnsson**. 2009. Framvinduskýrsla til Verkefnasjóðs Sjávarútvegsins fyrir árið 2008 - Kortlagning líffræðilegs fjölbreytileika þorsks með áherslu á atferli í tengslum við æxlun og far [The importance of diversity in terms of stock structure, life history and behavior for the survival of the cod stock in Iceland]. Progress report to Rannís; Reykjavik, Iceland.
- (2) **Marteinsdóttir G, TB Grabowski, BJ McAdam, V Thorsteinsson, JJ Isely, SB Kristgeirsson & S Guðbjörnsson**. 2008. Framvinduskýrsla til Verkefnasjóðs Sjávarútvegsins fyrir árið 2007 - Kortlagning líffræðilegs fjölbreytileika þorsks með áherslu á atferli í tengslum við æxlun og far [The importance of diversity in terms of stock structure, life history and behavior for the survival of the cod stock in Iceland]. Progress report to Rannís; Reykjavik, Iceland.
- (1) **Grabowski, TB & CA Jennings**. 2008. Post-release movements and habitat use of stocked Robust Redhorse *Moxostoma robustum* in the Ocmulgee River, Georgia. Final report to Georgia Power Company, Georgia Cooperative Fish and Wildlife Research Unit, University of Georgia, Athens, GA, USA.

## THESIS AND DISSERTATION

- Grabowski TB**. 2006. Reproductive ecology and seasonal migrations of Robust Redhorse (*Moxostoma robustum*) in the Savannah River, South Carolina and Georgia. Ph.D. dissertation. Clemson University. Clemson, South Carolina, USA.

**Grabowski TB.** 2002. Temporal and spatial variability of blenny (Perciformes: Labrisomidae and Blenniidae) assemblages on Texas jetties. M.S. Thesis. Texas A&M University. College Station, Texas, USA.

### MANUSCRIPTS SUBMITTED/IN PREPARATION

- (4) Chen Q, **TB Grabowski**, B Ogola, & R Vega. *In preparation*. Characterization of the function of different call types in the acoustic repertoire of spawning Spotted Seatrout. *Marine Biology*.
- (3) Groeschel JR, **TB Grabowski**, BD Cheek, & GP Garrett. *In review*. Growth and habitat use of Guadalupe Bass (*Micropterus treculii*) in the South Llano River, Texas: integrating riverscape ecology with population conservation. *Journal of Fish and Wildlife Management*.
- (2) Groeschel JR, **TB Grabowski**, B Grisham, BD Cheek, & PT Bean. *In review*. Occupancy modeling of two sympatric black bass species in a central Texas river. *Journal of Fish and Wildlife Management*.
- (1) Libungan LA, **TB Grabowski**, BJ McAdam, A Steinarsson, & G Marteinsdóttir. *In review*. Variation in growth and mortality in response to local temperature regimes within the Icelandic cod stock. *Journal of Experimental Marine Biology and Ecology*.

### INVITED RESEARCH SEMINARS

**Grabowski TB.** The spice of life: intraspecific variation as a challenge to and secret weapon for fish conservation. University of Hawai'i-Mānoa, Honolulu, HI. 07 November 2018.

**Grabowski TB.** Suckers, bass, and o'opu: protecting fluvial specialists trapped in an increasingly thirsty world. University of Hawai'i-Mānoa, Honolulu, HI. 03 February 2017.

**Grabowski TB.** Suckers, bass, and o'opu: protecting fluvial specialists trapped in an increasingly thirsty world. University of Hawai'i-Hilo, Hilo, HI. 03 October 2016.

**Grabowski TB.** Keep Austin weird and Texas streams running: turning Guadalupe Bass into an icon of aquatic conservation. University of Texas at Tyler, Tyler, TX. 04 March 2016.

**Grabowski TB.** Love, lust, and fisheries conservation: sordid tales of protecting fishes by better understanding their reproductive ecology and behavior. University of Hawai'i-Mānoa, Honolulu, HI. 02 December 2015.

**Grabowski TB.** Love, lust, and fisheries conservation: sordid tales of protecting fishes by better understanding their reproductive ecology and behavior. University of Hawai'i-Hilo, Hilo, HI. 01 December 2015.

**Grabowski TB.** "It's pronounced Llano NOT Llano...": Exploring the relationship between flow, habitat, and fishes in the South Llano River. Texas Parks and Wildlife Inland Fisheries Habitat Branch Meeting, Athens, TX. 27 August 2015.

**Grabowski TB.** Love and lust at 50 fathoms (or less): Prying into the private lives of fishes to improve fisheries conservation and management. Tennessee Tech University, Cookeville, TN. 30 July 2015.

**Grabowski TB.** "Cod in the act!" How prying into the sex lives of fishes may improve fisheries management. Association of Natural Resource Scientists Seminar Series. Texas Tech University, Lubbock, TX. 14 October 2014.

**Grabowski TB.** For Cod and Country: Understanding the behavior and plasticity of Icelandic cod. Florida International University, Miami, FL. 20 March 2014.

**Grabowski TB.** Love, lust and fisheries conservation: sordid tales of protecting fishes by better understanding their reproductive ecology and behavior. Association of Natural Resource Scientists Seminar Series. Texas Tech University, Lubbock, TX. 07 March 2014.

**Grabowski TB.** Local adaptation in a changing world: the implications of population structure to resiliency and persistence of fishes. Climate Science Seminar Series. Texas Tech University, Lubbock, TX. 03 December 2013.

**Grabowski TB.** “This piece of cod passeth all understanding” – Intra-stock diversity, local adaptation, and their implication to fisheries conservation and management. Ecology, Evolution, and Behavior Brown Bag Seminar Series. Department of Biological Sciences, Texas Tech University, Lubbock, TX. 13 November 2013.

**Grabowski, TB.** Understanding the links between flows, habitat, and fishes: tales from three Texas rivers. Texas Parks and Wildlife Department Project WILD Aquatic. Lubbock, TX. 22 July 2013.

**Grabowski TB.** “This piece of cod passeth all understanding” – Intra-stock diversity, local adaptation, and their implication to fisheries conservation and management. Oklahoma State University, Stillwater, OK. 27 September 2012.

**Grabowski TB.** The many faces of cod: Diversity, divergence, and population structuring in the Icelandic marine environment. Texas A&M University-Corpus Christi, Corpus Christi, TX. 01 April 2011.

**Grabowski TB.** Cod work in mysterious ways: diversity and divergence within the Icelandic cod stock. Penn State Brandywine, Media, PA. 20 January 2010.

**Grabowski TB.** Cod work in mysterious ways: diversity and divergence within the Icelandic cod stock. Texas A&M University at Galveston, Galveston, TX. 12 January 2010.

**Grabowski TB.** Sex, dams, and cryptic fishes: The titillating tale of Robust Redhorse *Moxostoma robustum* ecology and conservation. Daemen College, Amherst, NY. 13 April 2007.

**Grabowski TB.** Sex, dams, and cryptic fishes: The titillating tale of Robust Redhorse *Moxostoma robustum* ecology and conservation. University of the Pacific, Stockton, CA. 02 February 2007.

**Grabowski TB.** Reproductive ecology and seasonal migrations of Robust Redhorse in the Savannah River, South Carolina-Georgia. University of Georgia Student Subunit of the American Fisheries Society. The University of Georgia, Athens, GA. 03 October 2006.

**Grabowski TB & JJ Isely.** Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 2004 North American Native Fishes Association National Convention. Columbia, SC. 17 June 2004.

## SCIENTIFIC PRESENTATIONS

Roesler EL, **TB Grabowski**, & MA Barnes. Data collection methods and species traits influence species distribution model predictions. 122nd Annual Meeting of the Texas Academy of Science. Brownwood, Texas. 1-2 March 2019.

Roesler EL, RE Bittner, **TB Grabowski**, & MA Barnes. Data collection methods and species traits influence species distribution model predictions. 103rd Annual Meeting of the Ecological Society of America. New Orleans, LA. 5-10 August 2018.



Byers MN & **TB Grabowski**. Habitat use by Green Sea Turtle (*Chelonia mydas*) at Onekahakaha Beach Park, Hawai'i Island. 25th Annual Hawai'i Conservation Conference. Honolulu, HI. 24-26 July 2018.

Mikkelsen AB & **TB Grabowski**. All available science: Combining volunteer fish survey data and scientific monitoring to track long-term shifts in the reef fish assemblage structure on Hawaiian reefs. 25th Annual Hawai'i Conservation Conference. Honolulu, HI. 24-26 July 2018.

**Grabowski TB** & AB Mikkelsen. Evidence of multi-decadal shifts in Hawaiian nearshore fish assemblage structure from citizen scientist survey data. Hawai'i Ecosystem Meeting. Hilo, HI. 25-26 June 2018.

Tabandera R & **TB Grabowski**. Comparison of fish assemblages and habitat use of native and introduced estuarine species in a fishpond complex. Hawai'i Ecosystem Meeting. Hilo, HI. 25-26 June 2018.

Mikkelsen AB & **TB Grabowski**. All available science: Combining volunteer fish survey data and scientific monitoring to track long-term shifts in the reef fish assemblage structure on Hawaiian reefs. Tropical Conservation Biology and Environmental Science Annual Research Symposium. Hilo, HI. 5-6 April 2018.

Acre, MR, **TB Grabowski**, D Geeslin, A Pease, & N Smith. Streamflow effects on recruitment and migration of Blue Sucker in the lower Colorado River, Texas. 2018 Annual Meeting of the Southern Division of the American Fisheries Society. San Juan, Puerto Rico. 7-11 March 2018.

Perkin JS, JE Pease, & **TB Grabowski**. Loiterers, leavers, and leptokurtosis: Synthesizing movement ecology of Guadalupe Bass (*Micropterus treculii*). 2018 Annual Meeting of the Texas Chapter of the American Fisheries Society. College Station, TX. 25-26 January 2018.\*

Miyazono S, A Pease, S Fritts, **TB Grabowski**, B Grisham, K Mayes, S Magnelia, & PT Bean. Habitat associations of young-of-the-year Rio Grande Blue Sucker in the Trans-Pecos region of the Rio Grande. 2018 Annual Meeting of the Texas Chapter of the American Fisheries Society. College Station, TX. 25-26 January 2018.

Hill SA, HM Williams, **TB Grabowski**, & R Verble. Population estimation of Guadalupe Bass in the North Llano River. 2018 Annual Meeting of the Texas Chapter of the American Fisheries Society. College Station, TX. 25-26 January 2018.

Acre, MR, **TB Grabowski**, D Geeslin, A Pease, & N Smith. Streamflow effects on recruitment and migration of Blue Sucker in the lower Colorado River, Texas. 2018 Annual Meeting of the Texas Chapter of the American Fisheries Society. College Station, TX. 25-26 January 2018.

Massure WA, **TB Grabowski**, & T Arsuffi. Evaluating effects of drought and anthropogenic influences on the growth of stream fishes on the Edwards Plateau, Central Texas. 71st Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Louisville, KY. 29 October-01 November 2017.

Roesler ER, MA Barnes, **TB Grabowski**, F Martinez-Andrade, & R Bittner. Influence of climate change, freshwater inflows, and changing land use on the distribution of Dwarf Seahorse on the Texas coast. 8th Texas Tech Annual Biological Sciences Symposium. Lubbock, TX. 7-8 April 2017.

Roesler ER, MA Barnes, **TB Grabowski**, F Martinez-Andrade, & R Bittner. Influence of climate change, freshwater inflows, and changing land use on the distribution of Dwarf Seahorse on the Texas coast. 16th Annual Texas Tech Graduate Student Poster Competition. Lubbock, TX. 24 March 2017.

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\*Winner, Best Professional Presentation, 2018 Annual Meeting of the Texas Chapter of the American Fisheries Society.

Acre MR, **TB Grabowski**, D Geeslin, & A Pease. Movements and demography of Blue Sucker in the lower Colorado River, TX. 2017 Annual Meeting of the American Society of Ichthyologists and Herpetologists. Austin, TX. 12-16 July 2017.

Acre MR, **TB Grabowski**, D Geeslin, & A Pease. Movements and demography of Blue Sucker in the lower Colorado River, TX. 2017 Spring Meeting of the Southern Division of the American Fisheries Society. Oklahoma City, OK. 02-05 February 2017.

Acre MR, **TB Grabowski**, D Geeslin, & A Pease. Movements and demography of Blue Sucker in the lower Colorado River, TX. 2017 Annual Meeting of the Texas Chapter of the American Fisheries Society. Corpus Christi, TX. 19-21 January 2017.

Miyazono, S, S Fritts, **TB Grabowski**, B Grisham, K Mayes, & PT Bean. Habitat associations of juvenile Rio Grande Blue Sucker in the Trans-Pecos region of the Rio Grande. 2017 Annual Meeting of the Texas Chapter of the American Fisheries Society. Corpus Christi, TX. 19-21 January 2017.

Miyazono S, S Fritts, **TB Grabowski**, B Grisham, K Mayes, & PT Bean. *N*-mixture modeling for juvenile Rio Grande Blue Sucker in the Trans-Pecos region of the Rio Grande. 2016 Annual Meeting of the Desert Fishes Council. Albuquerque, NM. 15-19 November 2016.

East J, **TB Grabowski**, & T Birdsong. Assessment and monitoring of newly established public river access and conservation areas. 146<sup>th</sup> Annual Meeting of the American Fisheries Society. Kansas City, KS. 22-25 August 2016.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Movements and habitat use of Guadalupe Bass using radio telemetry in the lower Colorado River, Texas. 146<sup>th</sup> Annual Meeting of the American Fisheries Society. Kansas City, KS. 22-25 August 2016.

Acre MR, **TB Grabowski**, & D Geeslin. Spawning movements and habitat use of the Blue Sucker *Cycleptus elongatus* in the lower Colorado River, TX. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

Alejandro C, **TB Grabowski**, & SP Young. Can passive acoustic monitoring provide estimates of Burbot spawning activity? 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

East J, **TB Grabowski**, & T Birdsong. Assessment and monitoring of newly established public river access and conservation areas. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

Massare WA, **TB Grabowski**, & T Arsuffi. Influence of drought and anthropogenic flow alterations on the growth of stream fishes on the Edwards Plateau, central Texas. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Movement patterns and habitat associations of Guadalupe Bass populations in the lower Colorado River. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

Roesler ER, MA Barnes, **TB Grabowski**, F Martinez-Andrade, & R Bittner. Influence of climate change, freshwater inflows, and changing land use on the distribution of Dwarf Seahorse on the Texas coast. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society. Kerrville, Texas. 21-23 January 2016.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Potential plastic response of Guadalupe Bass to hydrological alteration and landscape change within the Colorado River Basin. Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 11 April 2015.

Roesler EL, **TB Grabowski**, & D Rogowski. Assessing habitat-use patterns and survey methodologies of the endangered snail, Pecos assiminea, at Bitter Lake National Wildlife Refuge. Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 11 April 2015.<sup>†</sup>

Roesler EL, **TB Grabowski**, & D Rogowski. Assessing habitat-use patterns and survey methodologies of the endangered snail, Pecos assiminea, at Bitter Lake National Wildlife Refuge. Texas Tech 2015 Graduate Student Research Poster Competition. Lubbock, Texas. 10 April 2015<sup>‡</sup>

Roesler EL, **TB Grabowski**, & D Rogowski. Assessing habitat-use patterns and survey methodologies of the endangered snail, Pecos assiminea, at Bitter Lake National Wildlife Refuge. 48th Joint Annual Meeting of the AZ/NM Chapter of the American Fisheries Society and the AZ and NM Chapters of The Wildlife Society. Las Cruces, New Mexico. 5-7 February 2015.<sup>†</sup>

Acre MR, **TB Grabowski**, & NG Smith. Can river-reservoir interfaces serve as surrogate nurseries for riverine fishes? Spring Meeting of the Southern Division of the American Fisheries Society. Savannah, GA. 28-30 January 2015.\*

**Grabowski TB**, BD Cheek, JR Groeschel, PT Bean, & S Magneila. Evaluating the habitat associations of a stream fish assemblage at multiple spatial scales using low-cost side scan sonar. Spring Meeting of the Southern Division of the American Fisheries Society. Savannah, GA. 28-30 January 2015.

**Grabowski TB**, Q Chen, B Ogola, & R Vega. Characterization of the function of different call types in the acoustic repertoire of spawning Spotted Seatrout. Southern Division of the American Fisheries Society Spring Meeting 2015. Savannah, GA. 29 January-01 February 2015.

Magnelia S, T Birdsong, M Bean, T Hardy, **TB Grabowski**, T Heard, D Holdstock, KA Kollaus, & K Tolman. Application and utility of a low-cost unmanned aerial system to manage and conserve aquatic resources in four Texas river. Southern Division of the American Fisheries Society Spring Meeting 2015. Savannah, GA. 29 January-01 February 2015.

Massure WA, **TB Grabowski**, & T Arsuffi. Evaluating the effects of drought and anthropogenic alterations on the growth of stream fishes on the Edwards Plateau. Southern Division of the American Fisheries Society Spring Meeting 2015. Savannah, GA. 29 January-01 February 2015.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Potential morphometric response of Guadalupe Bass populations to hydrologic alteration and urbanization within the Colorado River Basin, central Texas. Southern Division of the American Fisheries Society Spring Meeting 2015. Savannah, GA. 29 January-01 February 2015.

Acre MR, **TB Grabowski**, & NG Smith. Can river-reservoir interfaces serve as surrogate nurseries for riverine fishes? 2015 Annual Meeting of the Texas Chapter of the American Fisheries Society. Tyler, Texas. 15-17 January 2015.

Massure WA, **TB Grabowski**, & T Arsuffi. Evaluating the effects of drought and anthropogenic alterations on the growth of stream fishes on the Edwards Plateau. 2015 Annual Meeting of the Texas Chapter of the American Fisheries Society. Tyler, Texas. 15-17 January 2015.

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<sup>†</sup> Winner, Best Student Presentation

<sup>‡</sup> Winner, Best Student Poster

<sup>†</sup> Winner, Best Student Presentation

\* Finalist, Best Student Presentation award.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Potential morphometric response of Guadalupe Bass populations to hydrologic alteration and urbanization within the Colorado River Basin, central Texas. 2015 Annual Meeting of the Texas Chapter of the American Fisheries Society. Tyler, Texas. 15-17 January 2015.

Pease JE, **TB Grabowski**, A Pease, & PT Bean. Population responses of Guadalupe Bass *Micropterus treculii* to potential hydrologic impacts of urbanization within the Colorado River Basin, central Texas. Sixth Annual Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences. Tampa, FL. 25-29 August 2014.

Acre MR, N Smith, & **TB Grabowski**. Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes? 38th Annual Larval Fish Conference. Quebec City, Quebec, Canada. 17-21 August 2014.

Bosman B, **TB Grabowski**, & A Pease. Predicting the vulnerability of Texas reservoirs to zebra mussel invasion. 144th Annual Meeting of the American Fisheries Society. Quebec City, Quebec, Canada. 17-21 August 2014.

Cameron F, SS Árnason, B McAdam, B Gunnarsson, **TB Grabowski**, & G Marteinsdottir. Cod lunacy: hormonal identification of spawning rhythms in Atlantic Cod *Gadus morhua*. 144th Annual Meeting of the American Fisheries Society. Quebec City, Quebec, Canada. 17-21 August 2014.

**Grabowski TB**, JE Pease, & JR Groeschel. Intraspecific differences in morphology corresponds to differential spawning habitat use in two riverine catostomid species. 144th Annual Meeting of the American Fisheries Society. Quebec City, Quebec, Canada. 17-21 August 2014.

Roesler EL, **TB Grabowski**, & D Rogowski. Assessing habitat-use patterns and survey methodologies of the endangered snail, Pecos Assiminea, at Bitter Lake National Wildlife Refuge. 144th Annual Meeting of the American Fisheries Society. Quebec City, Quebec, Canada. 17-21 August 2014.

Acre MR, **TB Grabowski**, & N Smith. Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes? Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 29 March 2014.

Chen Q, **TB Grabowski**, & R Vega. Relationship between acoustic behavior and egg production in Spotted Seatrout *Cynoscion nebulosus*. Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 29 March 2014.

Roesler EL, **TB Grabowski**, & D Rogowski. Assessing habitat-use patterns and survey methodologies of the endangered snail, Pecos Assiminea, at Bitter Creek National Wildlife Refuge. Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 29 March 2014.

Acre MR, **TB Grabowski**, & N Smith. Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes? Ecological Integration Symposium. College Station, Texas. 21-22 March 2014.

Acre MR, **TB Grabowski**, & N Smith. Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes? Joint Meeting of the Texas and Oklahoma Chapters of the American Fisheries Society. Pottsborro, Texas. 13-15 February 2014.

Bean PT & **TB Grabowski**. Age and growth of Gray Redhorse in the South Llano River, Texas. Joint Meeting of the Texas and Oklahoma Chapters of the American Fisheries Society, Pottsborro, Texas. 13-15 February 2014.

Pease J, **TB Grabowski**, A Pease, & PT Bean. Potential hydrologic impacts of urbanization on Guadalupe Bass populations within the Colorado River Basin. Joint Meeting of the Texas and Oklahoma Chapters of the American Fisheries Society. Pottsborro, Texas. 13-15 February 2014. †

Roesler EL, D Rogowski, & **TB Grabowski**. Assessing habitat use patterns of the endangered snail, Pecos assiminea *Assiminea pecos*, at Bitter Lake National Wildlife Refuge. Joint Meeting of the Texas and Oklahoma Chapters of the American Fisheries Society. Pottsborro, Texas. 13-15 February 2014.

Bean PT & **TB Grabowski**. Age and growth of Gray Redhorse in the South Llano River, Texas. 143rd Annual Meeting of the American Fisheries Society. Little Rock, AR. 08-12 September 2013.

Worthington TA, **TB Grabowski**, & SK Brewer. Conservation implications of shrinking distributions: an example using Arkansas River Shiner. Oklahoma Clean Lakes and Watersheds. Stillwater, OK. 19 April 2013.

Worthington TA, SK Brewer, & **TB Grabowski**. 2013. Using species distribution models to understand the decline of a Great Plains cyprinid: conservation implications for the Arkansas River Shiner. Annual Symposium of the U.S. Chapter of the International Association of Landscape Ecologists. Austin, TX. 15 April 2013.

Chen Q, B Ogola, & **TB Grabowski**. Mating system and reproductive behavior of Spotted Seatrout on the Texas Gulf Coast. 2013 Spring Meeting of the Southern Division of the American Fisheries Society. Nashville, TN. 7-10 February 2013. [poster]

Cheek BD & **TB Grabowski**. Evaluating habitat associations of a fish assemblage at multiple scales in a minimally disturbed stream on the Edwards Plateau. 2013 Spring Meeting of the Southern Division of the American Fisheries Society. Nashville, TN. 7-10 February 2013.

**Grabowski TB**, T Birdsong, PT Bean, BD Cheek, & J Groeschel. Endemic black basses as drivers of watershed conservation and restoration: combining emerging technologies and traditional fisheries techniques to evaluate the use of Guadalupe Bass as a keystone species in Texas streams. 2013 Spring Meeting of the Southern Division of the American Fisheries Society. Nashville, TN. 7-10 February 2013. [invited]

Mueller JS, **TB Grabowski**, & SK Brewer. Effects of temperature, salinity, and suspended solids on the development and buoyancy of Arkansas River Shiner eggs. 2013 Spring Meeting of the Southern Division of the American Fisheries Society. Nashville, TN. 7-10 February 2013.\*

Groeschel JR, **TB Grabowski**, & GP Garrett. Evaluations of the growth and habitat use of Guadalupe Bass at a landscape scale in the South Llano River, Texas. 2013 Spring Meeting of the Southern Division of the American Fisheries Society. Nashville, TN. 7-10 February 2013.\*

Brewer SK, TA Worthington, **TB Grabowski**, & J Mueller. Evaluating the reproductive success of Arkansas River shiner by assessing early life-history stage dispersal and survival at the landscape level. Great Plains Landscape Conservation Cooperative Steering Committee Meeting. Edmond, OK. 17 January 2013. [invited]

Groeschel JR, **TB Grabowski**, & GP Garrett. Evaluations of the growth and habitat use of Guadalupe Bass at a landscape scale in the South Llano River, Texas. 2013 Annual Meeting of the Texas Chapter of the American Fisheries Society. Lake Conroe, TX. 17-19 January 2013. [poster]

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† Winner, Best Student Poster award.

\* Finalist for Best Student Paper award.

- Mueller JS, **TB Grabowski**, & SK Brewer. Effects of temperature, salinity, and suspended solids on the development and buoyancy of Arkansas River Shiner eggs. 2013 Annual Meeting of the Texas Chapter of the American Fisheries Society. Lake Conroe, TX. 17-19 January 2013. [poster]
- Brewer SK, TA Worthington, **TB Grabowski**, & J Mueller. Evaluating the efficiency of the Moore egg-sampler. Oklahoma Chapter of the American Fisheries Society Annual Meeting. Stillwater, OK. 22 October 2012.
- Brewer SK, TA Worthington, **TB Grabowski**, & J Mueller. Evaluating the efficiency of a quantitative egg-sampling gear. 142<sup>nd</sup> Annual Meeting of the American Fisheries Society. Minneapolis, MN. 19-23 August 2012.
- Taabu-Munyaho A, R Kayanda, I Eversons, **TB Grabowski**, & G Marteinsdóttir. Impact of stratification on exploitation patterns of Nile Perch *Lates niloticus* Linnaeus, 1758 in Lake Victoria, East Africa. 6<sup>th</sup> World Fisheries Congress. Edinburgh, Scotland, UK. 7-11 May 2012. [poster]
- Ogola B & **TB Grabowski**. 2012. Role of sound production in the mating system of Spotted Seatrout (*Cynoscion nebulosus*). Texas Tech Undergraduate Research Conference, Lubbock, Texas. 16-20 April 2012. [poster]
- Worthington TA, SK Brewer, & **TB Grabowski**. Using species distribution models to predict factors related to the historical and current decline of a federally-threatened fish species. 2012 US Regional Association of the International Association for Landscape Biology Annual Symposium. Newport, RI. 8-12 April 2012. [poster]
- Grabowski TB**, BJ McAdam, V Thorsteinsson & G Marteinsdóttir. Evidence of segregated spawning in a single marine fish stock: sympatric divergence of ecotypes in Icelandic cod? 141<sup>st</sup> Annual Meeting of the American Fisheries Society. Seattle, WA. 4-8 September 2011.
- Munyaho TA, R Kayanda, **TB Grabowski**, & G Marteinsdóttir. Stratification impacts on exploitation of Nile Perch in Lake Victoria, East Africa. 5<sup>th</sup> International Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences. Wellington, New Zealand. 22-26 August 2011.
- Grabowski TB**, BJ McAdam, K Logemann, V Thorsteinsson & G Marteinsdóttir. Lunacy in Atlantic Cod: assessing the timing of spawning in Atlantic cod using ocean models and electronic data storage tags. 2010 ICES Annual Science Conference. Nantes, France. 20-24 September 2010.
- McAdam BJ, **TB Grabowski**, & G. Marteinsdóttir. Testing for differences in spatial distributions from telemetry data. 2010 ICES Annual Science Conference. Nantes, France. 20-24 September 2010.
- Grabowski TB**, V Thorsteinsson & G Marteinsdóttir. Sympatric divergence in Icelandic cod. Atlantic Cod: Intra-stock diversity and the implications for management. Reykjavík, Iceland. 10 December 2009. [invited]
- Libungan LA, **TB Grabowski**, BJ McAdam, A Steinarsson, & G Marteinsdóttir. Local adaptation and variation in life history reaction norms within the Icelandic cod stock. Atlantic Cod: Intra-stock diversity and the implications for management. Reykjavík, Iceland. 10 December 2009.
- McAdam BJ, **TB Grabowski** & G Marteinsdóttir. Morphological markers and the population structure of Icelandic cod. Atlantic Cod: Intra-stock diversity and the implications for management. Reykjavík, Iceland. 10 December 2009.
- Grabowski TB**, V Thorsteinsson & G Marteinsdóttir. Love and lust at 50 fathoms: assessing the mating system of a marine fish using electronic data-storage tags. Líffræðiráðstefnan 2009 [Biological Research in Iceland 2009]. Reykjavík, Iceland. 06-07 October 2009.

**Grabowski TB**, V Thorsteinsson & G Marteinsdóttir. Evidence of reproductive isolation among ecologically and behaviorally distinct populations of Atlantic Cod. Líffræðiráðstefnan 2009 [Biological Research in Iceland 2009]. Reykjavík, Iceland. 06-07 October 2009. [poster]

Libungan LA, **TB Grabowski**, BJ McAdam, A Steinarsson & G Marteinsdóttir. Local adaptation and variation in life history reaction norms within the Icelandic cod stock. Líffræðiráðstefnan 2009 [Biological Research in Iceland 2009]. Reykjavík, Iceland. 06-07 October 2009.

**Grabowski TB**, V Thorsteinsson & G Marteinsdóttir. Assessing the lekking hypothesis for the mating system of Atlantic Cod (*Gadus morhua*) using electronic data-storage tags. 2009 ICES Annual Science Conference. Berlin, Germany. 19-27 September 2009.

**Grabowski TB**, V Thorsteinsson & G Marteinsdóttir. Evidence of reproductive isolation among ecologically and behaviourally distinct populations of Atlantic Cod. 2009 ICES Annual Science Conference. Berlin, Germany. 19-27 September 2009. [poster]

McAdam BJ, **TB Grabowski** & G Marteinsdóttir. Morphological markers and the population structure of Icelandic cod. 2009 ICES Annual Science Conference. Berlin, Germany. 19-27 September 2009. [poster]

Libungan LA, **TB Grabowski**, A Steinarsson & G Marteinsdóttir. Local adaptation and variation in life history reaction norms among subpopulations of the Icelandic cod stock. Sjó og Sjávarlífverur: Ráðstefna Hafrannsóknastofnunarinnar [Ocean and Marine Biota in Iceland: Marine Research Institute Conference]. Reykjavík, Iceland. 20-21 February 2009.

**Grabowski TB**, SP Young, LA Libungan, A Steinarsson & G Marteinsdóttir. Evidence of phenotypic plasticity and local adaption in metabolic rates between components of the Icelandic cod (*Gadus morhua* L.) stock. Sjó og Sjávarlífverur: Ráðstefna Hafrannsóknastofnunarinnar [Ocean and Marine Biota in Iceland: Marine Research Institute Conference]. Reykjavík, Iceland. 20-21 February 2009.

McAdam BJ, **TB Grabowski**, K Logemann, G Marteinsdóttir & V Thorsteinsson. Tracking Icelandic cod with electronic data storage tags. Sjó og Sjávarlífverur: Ráðstefna Hafrannsóknastofnunarinnar [Ocean and Marine Biota in Iceland: Marine Research Institute Conference]. Reykjavík, Iceland. 20-21 February 2009.

**Grabowski TB**, V. Thorsteinsson & G Marteinsdóttir. How well do you know your stock?: Ecological and behavioral differentiation among Icelandic populations of Atlantic Cod as inferred from data storage tags. WFC 2008: 5<sup>th</sup> World Fisheries Congress. Yokohama, Japan. 20-24 October 2008.

Libungan LA, **TB Grabowski**, A Steinarsson, & G Marteinsdóttir. Local adaptation and variation in life history reaction norms among sub-populations of cod in Icelandic waters. WFC 2008: 5<sup>th</sup> World Fisheries Congress. Yokohama, Japan. 20-24 October 2008. [poster]

Marteinsdóttir G, V Thorsteinsson & **TB Grabowski**. Timing and duration of spawning in relation to temperature, migration, size, and age of spawning cod in Icelandic waters. Northwest Atlantic Fisheries Organization, North Pacific Marine Science Organization, and International Council for the Exploration of the Sea Joint Symposium on Reproductive and Recruitment Processes of Exploited Marine Fish Stocks. Lisbon, Portugal. 1-3 October 2007.

**Grabowski TB** & CA Jennings. Habitat use and movement patterns of Robust Redhorse released in the Ocmulgee River, GA. Annual Meeting of the Southern Division of the American Fisheries Society. Memphis, TN. 10 February 2007.

**Grabowski TB**, & CA Jennings. Habitat use and movement patterns of Robust Redhorse released in the Ocmulgee River, GA. Joint Meeting of the American Fisheries Society, South Carolina and Georgia Chapters, and the South Carolina Fisheries Workers Association. Tybee Island, GA. 25 January 2007.

**Grabowski TB** & CA Jennings. Re-evaluation of habitat use and movement patterns of Robust Redhorse released in the Ocmulgee River, GA. 12<sup>th</sup> Annual Meeting of the Robust Redhorse Conservation Committee. McCormick, SC. 17 October 2006.

**Grabowski TB** & A Fisk. Stable isotope analysis of Savannah River catostomid eggs: A pilot study. 12<sup>th</sup> Annual Meeting of the Robust Redhorse Conservation Committee. McCormick, SC. 17 October 2006.

**Grabowski TB**, NL Ratterman, & JJ Isely. Age, growth, and mortality rate estimates of Savannah River catostomids. 12<sup>th</sup> Annual Meeting of the Robust Redhorse Conservation Committee. McCormick, SC. 17 October 2006.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning catostomids in the Savannah River, Georgia and South Carolina. Annual Meeting of the American Fisheries Society, Georgia Chapter. Gainesville, GA. 24 January 2006.

**Grabowski TB** & JJ Isely. Savannah River Robust Redhorse research-final report. 11<sup>th</sup> Annual Meeting of the Robust Redhorse Conservation Committee. McCormick, SC. 19 October 2005.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 135<sup>th</sup> Annual Meeting of the American Fisheries Society. Anchorage, AK. 13 September 2005.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 29<sup>th</sup> Annual Larval Fish Conference. Barcelona, Spain. 11 July 2005.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. Joint Meeting of the American Fisheries Society, South Carolina Chapter and South Carolina Fishery Workers Association. Clemson, SC. 07 February 2005.

**Grabowski TB** & JJ Isely. 2004. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. Southern Division of the American Fisheries Society 4th Annual Fisheries Student Colloquium. St. Augustine, FL. 5-7 November 2004.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 58<sup>th</sup> Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Hilton Head, SC. 2 November 2004. [invited]

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. Southeast Ecology, Evolution, and Population Genetics. Swannanoa, NC. 10-12 September 2004.

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 2004 North American Native Fishes Association National Convention. Columbia, SC. 17 June 2004. [invited]

**Grabowski TB** & JJ Isely. Spatial and temporal habitat segregation by spawning fishes in the Savannah River. 28th Annual Larval Fish Conference. Clemson, SC. 23-26 May 2004.

**Grabowski TB** & JJ Isely. Seasonal and diel movements and habitat use of Robust Redhorse in the Savannah River, South Carolina-Georgia. Southeastern Ecology and Evolution Conference. Atlanta, GA. 5-7 March 2004.

**Grabowski TB** & JJ Isely. Movement of Robust Redhorse in the Savannah River. Joint Meeting of the American Fisheries Society, South Carolina Chapter and South Carolina Fishery Workers Association. Georgetown, SC. 2-3 February 2004.



**Grabowski TB** & JJ Isely. Movement of Robust Redhorse in the Savannah River. Georgia Chapter of the American Fisheries Society Annual Meeting. Athens, GA. 27-29 January 2004.

**Grabowski TB** & JJ Isely. Seasonal and diel movements and habitat use of Robust Redhorse in the Savannah River, South Carolina-Georgia. 133rd Annual Meeting of the American Fisheries Society. Quebec City, Quebec, Canada. 11-13 August 2003.

**Grabowski TB** & JJ Isely. Movement of Robust Redhorse in the Savannah River. Joint Meeting of the American Fisheries Society, South Carolina Chapter and South Carolina Fishery Workers Association. McCormick, SC. 3-4 February 2003.

**Grabowski TB**, JR Alvarado Bremer, & AM Landry, Jr. Origin(s) of Molly Miller Scartella cristata (Perciformes: Blenniidae) on Texas jetties. Joint Meeting of Ichthyologists and Herpetologists. Kansas City, KS. 3-8 July 2002.

## GRANTS AND FUNDING

**Grabowski TB**. 2008. Mapping of the phenotypic diversity of cod in Icelandic waters with an emphasis on reproductive and feeding ecology and behavior. Nýdoktorastyrkir Rannsóknasjóðs [University of Iceland Research Fund Grants for Postdocs]. Amount: approx. \$1500 USD.

Patiño RP & **TB Grabowski**. 2011. Environmental factors influencing the spread, growth, and toxicity of golden alga. Texas Parks and Wildlife Department [State Wildlife Grant]. Amount: \$70,000 USD.

Brewer SK & **TB Grabowski**. 2011. Evaluating the reproductive success of Arkansas River shiner by assessing early life-history stage dispersal and survival at a landscape level. U.S. Fish and Wildlife Service, Great Plains Landscape Conservation Cooperative. Amount: \$181,185.

**Grabowski TB**. 2011. Establishing guidelines to evaluate the ecological effectiveness of stream restoration projects in the Edwards Plateau ecoregion. Texas Parks and Wildlife Department [State Wildlife Grant]. Amount: \$127,424.

**Grabowski TB**. 2011. Establishing guidelines to evaluate the ecological effectiveness of stream restoration projects in Edwards Plateau streams in the Texas Hill Country. U.S. Geological Survey. Amount: \$10,000.

Martinsdóttir G, **TB Grabowski**, & SS Árnason. 2012. Cod lunacy? Assessing the entrainment and adaptive significance of environmental cycles on the timing of Atlantic Cod reproduction. Rannís. Amount: approx. \$220,000 USD.

**Grabowski TB** & PT Bean. 2012. Evaluation and refinement of Guadalupe Bass conservation strategies to support adaptive management. Texas Parks and Wildlife [State Wildlife Grant]. Amount: \$104,092.

**Grabowski TB**. 2013. Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes? Texas Parks and Wildlife [State Wildlife Grant]. Amount: \$99,597.

**Grabowski TB**. 2013. Development of Pecos assiminea (*Assiminea pecos*) monitoring methods and effects of habitat restoration on Pecos assiminea at Bitter Lake National Wildlife Refuge. U.S. Geological Survey Science Support Partnership Program. Amount: \$109,886.

**Grabowski TB**, A Pease, PT Bean. 2013. Variation and plasticity and their interaction with urbanization in Guadalupe Bass populations on and off the Edwards Plateau [State Wildlife Grant]. Texas Parks and Wildlife Department. Amount: \$134,951.

**Grabowski TB**, A Pease, PT Bean. 2014. Assessing the effects of flow regime variation on Blue Sucker spawning movements, habitat use, and recruitment in the lower Colorado River, TX. Texas Parks and Wildlife Department [State Wildlife Grant]. Amount: \$179,936.

**Grabowski TB.** 2015. Assessing the feasibility of using acoustic monitoring for Burbot conservation, management, and production. Kootenai Tribe of Idaho. Amount: \$8,365.

**Grabowski TB.** 2015. Guadalupe Bass flow-ecology relationships; with emphasis on the impact of flow on recruitment. Gulf Coast Prairie Landscape Conservation Cooperative. Amount: \$165,000.

**Grabowski TB, PT Bean, K Mayes.** 2015. Recruitment dynamics and reproductive ecology of Blue Sucker in Texas, with a focus on the Big Bend region of the Rio Grande. Texas Parks and Wildlife [State Wildlife Grant]. Amount: \$167,670.

**Grabowski TB.** 2015. Developing the assessment and monitoring protocols for evaluating effects of expanding public access for angling on riverine and riparian habitats. Texas Parks and Wildlife. Amount: \$225,000.

Patiño R, **TB Grabowski**, MR Acre, S Miyazono. 2016. Towards a better understanding of blue suckers: Validation of age determination methods and establishing the influence of temperature on aerobic scope and swimming performance. Texas Parks and Wildlife [State Wildlife Grant]. Amount: \$131,874.

**Grabowski TB.** 2017. Assessing the functional equivalency of Hawaiian fishponds relative to natural estuaries for nearshore fisheries. U.S. Geological Survey. Amount: \$20,000.

## AWARDS AND HONORS

Outstanding Fisheries Worker Award – Research. Texas Chapter of the American Fisheries Society. 2016.  
 Excellence in Science. U.S. Geological Survey. Co-recipient with Reynaldo Patiño and Clint Boal. 2015.  
 Outstanding Fisheries Worker Award (Honorable Mention) – Research. Texas Chapter of the American Fisheries Society. 2015.  
 Performance Award. U.S. Geological Survey. Reston, VA. 2011-2018.  
 Best Student Paper (3<sup>rd</sup> Place), Annual Meeting of the Georgia Chapter of the American Fisheries Society, 2006  
 2005 Skinner Memorial Award for travel to Annual American Fisheries Society Meeting  
 19<sup>th</sup> Annual Sally L. Richardson Award for Best Student Paper at the Annual Larval Fish Conference  
 Clemson University Graduate Fellowship  
 Research Advisory Council Award, Texas A&M University at Galveston  
 William P. Ricker Memorial Scholarship, Texas A&M University at Galveston  
 Robert Todd Scholarship, Carthage College

## GRADUATE STUDENTS ADVISED [CHAIR OR CO-CHAIR]

- (11) Matthew Acre. Ph.D. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2019. “Effects of flow regime variation on Blue Sucker spawning movements, habitat use, and recruitment in the lower Colorado River, TX.” [co-chair]
- (10) Jessica E. Pease. Ph.D. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2018. “Variation and plasticity and their interaction with urbanization in Guadalupe Bass populations on and off the Edwards Plateau.” [co-chair]
- (9) Elizabeth L. Roesler. M.S. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2016. “Development of Pecos assimineae *Assimineae pecos* monitoring methods and effects of habitat restoration at Bitter Lake National Wildlife Refuge” [chair]
- (8) Wade A. Massure. M.S. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2016. “Evaluating the effects of drought and anthropogenic alterations on the growth of stream fishes on the Edwards Plateau.” [chair]

- (7) Matthew Acre. MS Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2015. "Do river-reservoir interface habitats serve as surrogate nursery habitats for floodplain-dependent riverine fishes?" [chair]
- (6) Qingman Chen. MS Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2014. "Reproductive behavior and mating system of Spotted Seatrout *Cynoscion nebulosus*." [chair]
- (5) Jillian Groeschel. MS Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2013. "Evaluations of growth and habitat use by Guadalupe Bass at a riverscape scale in the South Llano River, Texas." [chair]
- (4) Lovísa Ó. Guðmundsdóttir. M.S. Biology, University of Iceland. 2013. "Variation in egg buoyancy and composition associated with intra-stock diversity of Icelandic cod." [co-chair]
- (3) Julia S. Mueller. M.S. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. 2013. "Effects of temperature, salinity, and suspended solids on the early life history stages of Arkansas River Shiner." [chair]
- (2) Donelle L. Schwalm. Ph.D. Wildlife Sciences, Texas Tech University. 2012. "Processes influencing genetic structure and diversity in spatially disjunct swift fox populations." [chair]
- (1) Lísá A. Libungan. MS Biology, University of Iceland. 2010. "Local adaptation and variation in life history reaction norms within the Icelandic cod stock." [co-chair]

#### GRADUATE STUDENTS ADVISED [COMMITTEE MEMBER]

- (9) Joey Dyer. Ph.D. Natural Resource Ecology and Management, Oklahoma State University. 2018. "Movement, space use, and population demographics of Blue Sucker *Cycleptus elongatus* in the lower Red River, OK." [committee member]
- (8) Brendan Martin. M.S. Natural Resources and Environmental Management. University of Hawai'i at Mānoa. 2018. "Characterizing the habitat and modeling the potential range of introduced stream species in the Hawaiian Islands." [committee member]
- (7) Keolohilani Lopes, Jr. M.S. Tropical Conservation Biology and Environmental Science, University of Hawai'i at Hilo. 2017. Tiny bubbles: A Hawaiian study on fish surveys, bubbles, and marine life conservation districts in the main Hawaiian Islands. [committee member]
- (6) Shengjian Jiang. M.S. Biology, Texas Tech University. 2017. Effects of changing pH, dissolved oxygen, and leaded gasoline use on the structure and composition of Atlantic Croaker otoliths from the Gulf of Mexico. [committee member]
- (5) Anthony Taabu Munyaho. Ph.D. Biology, University of Iceland. 2014. "Ecosystem based models for stock assessment of commercial fisheries resources of Lake Victoria – East Africa." [committee member]
- (4) Morgan Gilbert. M.S. Wildlife, Aquatic, and Wildlands Science and Management. Texas Tech University. 2016. "Examining habitat use of larval and juvenile fishes in Lake Texoma river-reservoir interface zones." [committee member]
- (3) Jessica L. East. MS Wildlife, Aquatic, and Wildlands Science and Management. Texas Tech University. 2015. "Changes in aquatic food-web structure along multi-scale environmental gradients in the Pecos River, U.S.A." [committee member]

- (2) W. Christopher Musselman. MS Natural Resource Ecology and Management, Oklahoma State University. 2014. "The importance of shallow-water habitats to the movement and survival of stream fishes" [committee member]
- (1) Matt Vanlandeghem. Ph.D. Fisheries, Texas Tech University. 2013. "Environmental factors regulating toxic blooms of golden alga (*Prymnesium parvum*) and their effects on fisheries resources." [committee member]

### POSTDOCS ADVISED

- (1) Preston T. Bean, Ph.D. Postdoctoral Research Associate. Texas Tech University. 2012-2014.
- (2) Seiji Miyazono, Ph.D. Postdoctoral Research Associate. Texas Tech University. 2015-2016.

### CURRENT GRADUATE STUDENTS [CHAIR OR CO-CHAIR]

- (4) Danielle Bartz. Tropical Conservation Biology and Environmental Science. University of Hawai'i at Hilo. "Reconstructing changes in the distribution and abundance of juvenile Scalloped Hammerhead in Hilo Bay, Hawaii through the use local knowledge." [chair]
- (3) Bobbie Suarez. Tropical Conservation Biology and Environmental Science. University of Hawai'i at Hilo. "Influence of life history strategy and behavior on the population dynamics of Achilles Surgeonfish around Hawaii Island." [chair]
- (2) Ricky W. Tabandera. M.S. Tropical Conservation Biology and Environmental Science. University of Hawai'i at Hilo. "Assessing the functional equivalency of Hawaiian fishponds relative to natural estuaries for nearshore fisheries." [chair]
- (1) Heather M. Williams. M.S. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. "Guadalupe Bass flow-ecology relationships; with emphasis on the impact of flow on recruitment." [co-chair]

### CURRENT GRADUATE STUDENTS [COMMITTEE MEMBER]

- (7) Aurelia Gonzalez. M.S. Natural Resources and Environmental Management. University of Hawai'i at Mānoa. Title pending.
- (6) Elizabeth L. Roesler. Ph.D. Wildlife, Aquatic, and Wildlands Science and Management, Texas Tech University. Title pending.
- (5) Sydney Gamaio. M.S. Tropical Conservation Biology and Environmental Science, University of Hawai'i at Hilo. 2017-present. "Identifying suitable first feed and establishing a feeding regime for the endemic Hawaiian Flame Wrasse (*Cirrhitilabrus jordani*)."
- (4) Richard Masse. M.S. Tropical Conservation Biology and Environmental Science. University of Hawai'i at Hilo. "Conservation of Hawaiian reef fishes through aquaculture: factors influencing the stability of the sex ratio and egg production of Hawaiian Flame Wrasse." [committee member]
- (3) Kaikea Nakachi. M.S. Tropical Conservation Biology and Environmental Science. University of Hawai'i at Hilo. "Integrating culture and science by implementing protocol, photo-identification, and paired-laser photogrammetry on Hawaiian Tiger Sharks (*Galeocerdo cuvier*)."
- (2) Rakib Rashel. Ph.D. Biology, Texas Tech University. "Influence of salinity, sulfate, and fluoride on the growth of golden alga." [committee member]

- (1) Fraser Cameron. Ph.D. Biology. University of Iceland. "The entrainment and adaptive significance of environmental cycles on the timing of Atlantic Cod reproduction." [committee member]

## TEACHING EXPERIENCE

**Instructor, Otoliths in Fisheries Science: Theory and Application (CBES 699):** Exploration of the use of otoliths in fisheries conservation, management, and ecological research with focus on survey of the current literature and developing, conducting, and reporting the results of an age and growth project. University of Hawai'i-Hilo.

**Instructor, Pelagic Methods and Analysis (MARE 353 and 353L):** This team-taught course and lab is designed to provide undergraduate students experience in experimental design, field methods, statistical analysis and data management, data presentation, and communicating science. University of Hawai'i-Hilo.

**Instructor, Principles of Tropical Conservation Biology and Environmental Science (CBES 600):** This team-taught course is the first of two core courses designed to provide students the training and skills required to conduct independent Master's-level research. CBES 600 covers essential topics in conservation biology and environmental science. University of Hawai'i-Hilo.

**Instructor, Field and Laboratory Methods in Tropical Conservation Biology and Environmental Science (CBES 601):** This team-taught course is the second core course designed to provide students with training and skills required to embark on independent Master's-level research in conservation biology and environmental science. University of Hawai'i-Hilo.

**Instructor, Fisheries Ecology (CBES 698):** Lectures and discussions are used to provide an interactive exploration of the ecology of fishes related to management and conservation. Topics include: foraging and predator-prey theory, reproduction and early life-history, habitat selection and niche theory, competition, fish biodiversity, and response to anthropogenic climate change. University of Hawai'i-Hilo.

**Instructor, Field Ichthyology (NRM 5336):** Developed and taught graduate level ichthyology course focusing on the distribution, life-history, and habitat associations of Texas freshwater, estuarine, and marine fishes. Field identification and collection methods are heavily emphasized. Texas Tech University.

**Instructor, Fisheries Ecology: Management and Conservation of Marine Resources in a Changing Ocean (LÍF 602M):** Developed and team-taught intensive fisheries ecology course and laboratory with Dr. Gudrun Marteinsdóttir, Dr. Steven Campana, and Dr. David Conover. Course focused on the effects of climate change and fishing pressure on marine populations. University of Iceland and Joint Nordic Master's Programme in Marine Ecosystems and Climate.

**Instructor, Marine Ecology (LÍF 509M):** Developed and taught undergraduate marine ecology course and laboratory focused on applying general ecological principles to North Atlantic ecosystems. University of Iceland.

**Instructor, Fish Ecology (FORS 4360/6360):** Developed and taught fish ecology course focusing on the environmental and evolutionary influences on fish population, assemblage, and community structure. The University of Georgia.

**Instructor, Fish Physiology (FORS 4370/6370):** Developed and taught fish physiology course focusing on the effect of environmental stressors on the physiological functions of fishes. The University of Georgia.

**Instructor, Ichthyology (BIOSC 477):** Developed and taught general ichthyology course with lab. Clemson University.

**Teaching Assistant, Biology 124: The Diversity of Life (BIOL 124):** Freshman biology lab, with an emphasis on taxonomy, botany, and zoology. Texas A&M University at Galveston.

**Teaching Assistant, Ichthyology (MARB 311):** General ichthyology. Lab focusing on fish anatomy, taxonomy, and systematics. In addition, students are required to complete a collection of fifty species of fish with relevant environmental data. Texas A&M University at Galveston.

**Teaching Assistant, Field Ichthyology (MARB 312):** Intensive field-based ichthyology class. TA planned both short day-trips and extended 4-day collecting trips, grade all collections, and facilitate both the lab and field efforts of the students. Texas A&M University at Galveston.

**Teaching Assistant, Marine Parasitology (MARB 405):** Fundamentals of parasitology, with emphasis on marine applications. The lab consisted of both a survey of major parasites of marine animals and the diseases they cause, especially in ecologically or commercially important host species and harvesting parasites from host specimens captured in the field. Texas A&M University at Galveston.

**Teaching Assistant, Marine Botany (MARB 408):** Lab focusing on morphology, systematics, ecology, and biochemistry of algae. Aside from instructing the lab, the laboratory instructor assists students in the collection and identification of phytoplankton and phytobenthos as part of a term project. Texas A&M University at Galveston.

**Teaching Assistant, Biology of Fishes (WFSC 417):** Senior level fish physiology course. The lab focuses on giving hands on experience in executing, analyzing, interpreting, and reporting experimental research with a heavy emphasis on hypothesis testing, graphical presentation of results and model building. Texas A&M University.

## SOCIETIES AND PROFESSIONAL ORGANIZATIONS

American Fisheries Society (2000-present)  
 Early Life History Section (2003- present)  
 Estuaries Section (2000- present)  
 Marine Fisheries Section (2000-2002)  
 Texas Chapter (2010-present)

## PROFESSIONAL SERVICE

### **Journals**

I am an associate editor at the Journal of Fish and Wildlife Management.

I have reviewed manuscripts for the following journals (in alphabetical order): American Midland Naturalist; Aquatic Biology; Biological Invasion Research; Canadian Journal of Fisheries and Aquatic Sciences; Ecological Applications; Environmental Biology of Fishes; Fisheries Management and Ecology; Hydrobiologia; ICES Journal of Marine Science; Journal of Applied Ichthyology; Journal of Fish Biology; Journal of Fish and Wildlife Management; Marine Biology Research; Marine Ecology Progress Series; North American Journal of Fisheries Management; PLoS One; Rivers Research and Applications; Southeastern Naturalist; Southwestern Naturalist; and Transactions of the American Fisheries Society.

### **Funding agencies**

I have reviewed proposals for the National Marine Fisheries Service Saltonstall-Kennedy Grant Program (2013, 2015), the National Science Foundation (2009) and Rannís [Icelandic Research Fund; 2008-2010].

### **Non-governmental organizations**

I have served as a reviewer for reports prepared by the Blue Ocean Institute on the sustainability of the Icelandic fisheries for Atlantic cod *Gadus morhua* [<http://blueocean.org/documents/2012/03/cod-atlaantic->

iceland-full-species-report.pdf] and European plaice *Pleuronectes platessa*  
[<http://blueocean.org/documents/2012/03/plaice-european-iceland-bottom-longline.pdf>].