

Adam T. Greer, Ph.D.

Assistant Professor
Department of Marine Sciences
University of Georgia
10 Ocean Science Circle, Savannah, GA 31411

Email: atgreer@uga.edu
Phone: 912-598-2334
Mobile: 615-498-3042

PROFESSIONAL PREPARATION:

2003-2007	BA	Ecology & Evolution	Vanderbilt University, Nashville, TN
2008-2013	PhD	Marine Biology & Fisheries	University of Miami, Miami, FL
2013-2015	Postdoc	Biological Oceanography	University of Georgia, College of Engineering, Athens, GA
2015-2018	Postdoc	Marine Science	University of Southern Mississippi, Stennis Space Center, MS

APPOINTMENTS:

2019-present	Assistant Professor, University of Georgia, Skidaway Institute of Oceanography
2018-2019	Assistant Research Professor, University of Southern Mississippi, Division of Marine Science

RECENT PUBLICATIONS:

- Greer, A.T., P.I. Duffy, T.J.W. Walles, C. Cousin, L.M. Treible, K.D. Aaron, J.C. Nejstgaard (2025). Modular shadowgraph imaging for zooplankton ecological studies in diverse field and mesocosm settings. *Limnology & Oceanography: Methods* 23(1):67-86. doi: 10.1002/lom3.10657
- Barua, R., L. Nyman, B. Guo, M.D. Johnson, A.U. Kerkar, J. Hong, A.T. Greer, J. Lehrter, M. McFarland, B. Penta, A.R. Nayak (2024). In situ imaging of a kleptoplastidic ciliate thin layer indicates traditional sampling underestimates oceanic mixotroph biomass. *Communications Earth & Environment* 5:534. doi: 10.1038/s43247-024-01708-w
- Savidge, W.B., D.K. Savidge, F. Brandini, A.T. Greer, E.E. Hoffmann, M. Roughan, I. da Silveira, I.M. Suthers (2024). Western Boundary Current – Subtropical Continental Shelf Interactions. *Oceanography* 37(3):64-69. doi: 10.5670/oceanog.2024.502 [0; 2.786]
- Greer, A.T., M.S. Schmid, P.I. Duffy, K.L. Robinson, M.A. Genung, J.Y. Luo, T. Panaiotis, C. Briseño-Avena, M.E. Frischer, S. Sponaugle, R.K. Cowen (2023). In situ imaging across ecosystems to resolve the fine-scale oceanographic drivers of a globally significant planktonic grazer. *Limnology & Oceanography* 68(1):192-207. doi: 10.1002/lno.12259
- Treible, L.M., L.M. Chiaverano, A.T. Greer (2022). Fine-scale habitat associations of medusae and ctenophores along a gradient of river influence and dissolved oxygen. *Estuarine, Coastal, and Shelf Science* 272:107887. doi: 10.1016/j.ecss.2022.107887

Greer, A.T., L.M. Chiaverano, L.M. Treible, C. Briseño-Avena, F.J. Hernandez (2021). From spatial pattern to ecological process through imaging zooplankton interactions. *ICES Journal of Marine Science* 78(8):2664–2674. doi: 10.1093/icesjms/fsab149 [13; 3.593]

RECENT PRESENTATIONS:

Greer, A.T., P.I. Duffy, T.J.W. Walles, C. Cousin, L.M. Treible, K.D. Aaron, J.C. Nejstgaard. Modular shadowgraph imaging for resolving zooplankton distributions in diverse field and mesocosm settings. ICES Zooplankton Production Symposium. Hobart, Tasmania. March 2024.

Duffy, P.I., M.E. Frischer, L.M. Treible, E.E. Gipson, A.T. Greer. Investigating life-stage specific doliolid distributions in relation to water column structure in the South Atlantic Bight. ICES Zooplankton Production Symposium. Hobart, Tasmania. March 2024.

*Received the Early Career Ocean Professional (ECOP) Award for best oral presentation.

Greer, A.T. In situ imaging environmental gradients to assess zooplankton ecological function. ICES Zooplankton Production Symposium. Workshop 5: Approaches towards findable, accessible, interoperable and reusable (FAIR) zooplankton trait data as stepping stones to improved functional ecology. Hobart, Tasmania. March 2024.

Greer, A.T., K.D. Aaron, P.I. Duffy, L.M. Treible, M.E. Frischer. Resolving the influence of water column structure on biological production and mesozooplankton traits in the South Atlantic Bight. Invited speaker at the International Workshop on Western Boundary Current-Subtropical Continental Shelf Interactions. Savannah, GA. May 2023.

Greer, A.T., S.E. Brown, L.M. Treible, L.M. Chiaverano, K. Axler, C. Briseño-Avena, R.K. Cowen, S. Sponaugle, F.J. Hernandez. Fine-scale distributional changes of shelf-associated larval fishes in response to stratification and bottom water dissolved oxygen. Gulf of Mexico Conference. Baton Rouge, LA. April 2022.

FUNDING:

2024 – 2027, NSF OCE Biological Oceanography (2244690) “Do fine-scale water column structure and particle aggregations favor gelatinous-dominated food webs in subtropical continental shelf environments?” PI Adam Greer, co-PIs Marc Frischer, Jay Brandes, Laura Treible. \$1,444,777

2023 – 2024, NSF Ocean Instrumentation (2315030) “Equipment: Oceanographic Instrumentation 2023 UGA/SkIO RV Savannah” PI Marc Frischer, co-PIs Adam Greer, John Bichy. \$258,304.

2020 – 2023, NSF OCE Biological Oceanography (2023133) “The significance of doliolid microbial interactions: Do doliolids fundamentally alter the trophic structure and productivity of sub-tropical continental shelf food webs?” PI Marc Frischer, co-PIs Adam Greer, Jay Brandes. \$1,080,019

SYNERGISTIC ACTIVITIES:

Member of the SkIO Computing Technology Committee (2019-present)

Teaching International Baccalaureate students at Johnson High School (Savannah, GA) to classify zooplankton images on school computers and online (2024-present)