

Stephen T. Tettelbach

Marine Program
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Education

Ph.D. 1986 University of Connecticut (Ecology) Adviser: Sung Y. Feng
M.S. 1979 University of Washington (Fisheries Biology) Adviser: Kenneth K. Chew
B.S. 1976 University of Miami (Biology) - magna cum laude -

Experience

2019-present Shellfish Ecologist, Cornell Cooperative Extension, Southold, NY
2019-present Professor Emeritus of Biology, Long Island University, Brookville, NY
2005-2019 Professor of Biology, Long Island University, Brookville, NY
2002-2005 Professor of Marine Science & Biology, Long Island University,
Southampton, NY
1992-2002 Associate Professor, Long Island University, Southampton, NY
1986-1992 Assistant Professor, Long Island University, Southampton, NY
1986 Instructor, Western Connecticut State University, Danbury, CT
1985-1986 Predoctoral Fellow, University of Connecticut, Noank, CT
1980-1985 Graduate Research Assistant, University of Connecticut, Noank, CT
1979-1980 Biologist, Pathobiology Division, National Marine Fisheries Service Lab,
Milford, CT, 1980; Biological Laboratory Technician, 1979-80

Teaching

Graduate: Fisheries Biology & Aquaculture, Marine Biology, Marine Ecology,
Malacology, Plankton, Population Ecology

Undergraduate: Conservation Biology, Marine Biology, Tropical Marine Ecology,
Fisheries Biology, Aquaculture, Microbiology, Tropical Marine Biology, Ichthyology,
Foundations of Biology I and II labs (majors and non-majors), Human Anatomy &
Physiology lab, Introduction to College

High School: Introduction to Marine Science, Marine Biology

Research Interests

Molluscan Ecology, Fisheries, and Aquaculture; Bay Scallop Stock Restoration;
Predator-Prey Interactions; Molluscan Taxonomy

Grants and Contracts

- 2022-2024 “Against all odds: Development of bay scallop strains that resist temperature and disease stress”, Co-Investigator, New York Sea Grant Institute (\$239,986)
- 2021-2023 “Development of resistant bay scallop strains for aquaculture in the Northeast”, Co-Principal Investigator, Northeast Regional Aquaculture Center (\$69,965)
- 2005-2022 "Restoration of Peconic Bay Scallop Populations and Fisheries", Co-Principal Investigator, Suffolk County, NY (\$5.2 million)
- 2021-2022 “Peconic Bay Scallop Disease Dynamics”, Co-Principal Investigator, New York State (\$496,531)
- 2021-2022 “Peconic Bay Scallop Monitoring”, Principal Investigator, New York State (\$118,312)
- 2020-2021 "RAPID: A Matter of Life and Death: Identifying Factors That Regulate Susceptibility or Resistance of Bay Scallops to an Emergent Coccidian Parasite", Sub-Award Principal Investigator, National Science Foundation (\$14,337)
- 2016-2019 "Great South Bay Shellfish Bed Project", Co-Principal Investigator, New York State Department of Environmental Conservation (\$241,396)
- 2013-2016 “Investigation of Potential Impact of Predation by Channeled Whelks (Conch) on Planted Bay Scallops”, Co-Principal Investigator, Peconic Estuary Program (\$67,680)
- 2012-2014 “SAV Habitat Utilization by Juvenile Bay Scallops”, Principal Investigator, US Environmental Protection Agency (\$40,000)
- 2006-2007 “Effects of Habitat on Survival of Free-Planted Bay Scallops“, Co-Principal Investigator, US Environmental Protection Agency (\$80,000)
- 2004-2006 “Bay Scallop Spawner Sanctuary Evaluation Study”, Principal Investigator, NY State Wildlife Program (\$150,000)
- 2002-2004 “Beaver Dam Creek Tributary Restoration”, Co-Investigator, NOAA Community-Based Restoration Program (\$60,000)
- 2000-2002 "Relationships Between the Timing of Reproduction, Fecundity, and Egg Composition to Declines in Hard Clam Recruitment", Co-Principal Investigator, New York Sea Grant Institute (\$83,000)

- 1998-2000 "Bay Scallop Stock Restoration Project". Principal Investigator. National Marine Fisheries Service (\$40,000).
- 1996-1997 "Further Histological Analyses of the Effects of the 1995 'Brown Tide' on Bay Scallop Reproduction". Principal Investigator, NY Sea Grant Institute (\$5,375).
- 1995-1996 "Histological Analysis of Gonadal Tissues from Bay Scallops Exposed to the 'Brown Tide' Bloom in the Peconic Bays During Summer 1995", Principal Investigator, NY Sea Grant Institute (\$1,025).
- 1994-1995 "Restocking Bay Scallops: A Resource Enhancement Project for New York State", Co-Principal Investigator, National Marine Fisheries Service (\$70,000).
- 1993-1994 "Peconic Estuary Bay Scallop Restoration Project", Co-Principal Investigator, US Environmental Protection Agency, Near Coastal Waters Program (\$50,000).
- 1990-1991 "Study of Size-Frequency Distributions in Natural Bay Scallop Populations", Principal Investigator, Long Island Green Seal Committee (\$7,800).
- 1987-1988 "Winter Burial in Bay Scallop Populations", Principal Investigator, NY State Sea Grant Institute (\$7,556).

Honors, Fellowships

Proclamation from Suffolk County Legislature Recognizing Peconic Bay Scallop Restoration Program, 2017; Environmental Champion Award, North Fork Environmental Council (NY), 2009; *Who's Who Among America's Teachers*, 2006, 2000; David Newton Award for Excellence in Teaching, Long Island University, 1998; Selected as a Faculty Marshall by Southampton College Senior Class, 2005, 2000, 1998, Faculty Recognition Award from Southampton College Senior Class, 1996, 1992; Outstanding Cooperator Award from Cornell Cooperative Extension of Suffolk County, NY, 1995; Thurlow C. Nelson Award for Best Student Paper, 78th Annual Meeting of the National Shellfisheries Association, 1986; Doctoral Dissertation Fellowship, University of Connecticut, 1985; *Who's Who in American Colleges and Universities*, 1976; Elected to Phi Kappa Phi Honorary Society, 1976; Scholar-Athlete Award for Varsity Soccer Team, University of Miami, 1975-76, 1973-74; Elected to Delta Theta Mu Biology Honorary Society, University of Miami, 1974.

Professional Societies

National Shellfisheries Association (President 1996-1997; President-Elect 1995-96; Vice President 1994-95; Treasurer 1991-94; Presidents, Elections, Awards Committees, Chair 1997-98; Audit-Budget-Finance Committee Chair 1998-99, Co-Chair 1999-2000);
Conchologists of America; American Association for the Advancement of Science

Peer Reviewed Publications

Pales Espinosa, E. G. Cacot, K. Savastano, R. Snyder, E. Green-Beach, **S.T. Tettelbach**, H. Tobi, B. Allam. Evidence for direct transmission of the apicomplexan parasite *Margolisiella madlensis* in the bay scallop *Argopecten irradians*. submitted to *International Journal of Parasitology*

Tettelbach, S.T., D.M. Bonal, H. Tobi, S. Tomasetti, R. Czaja, Jr. 2026. Insights into temporal patterns of late season spawning and other biological parameters in bay scallop populations over a 30 year period. *Northeastern Naturalist* 33:431-460.

Allam, B., **S.T. Tettelbach**, H. Tobi, M.F. Muehl, E. Pales Espinosa. 2026. Effect of host background and environmental conditions on disease susceptibility and mortality in the northern bay scallop, *Argopecten irradians irradians*. *Scientific Reports* 16: 20696.
<https://doi.org/10.1038/s41598-026-45286-7>

Tettelbach, S.T., J.R. Europe, C.R.H. Tettelbach, M. Schwartz, J. Havelin, B. Maloney, D.M. Bonal, B.T. Furman, R.E. Czaja, Jr. 2025. Life in a post-eelgrass world: Temporal compression of a spatial refuge from predation. *Ecosphere* 16(8): e70367.
<https://doi.org/10.1002/ecs2.70367>

Grouzdev, D., E. Pales Espinosa, **S. Tettelbach**, S. Farhat, A. Tanguy, I. Boutet, N. Guiglielmoni, J.F. Flot, H. Tobi, B. Allam. 2025. Survival of the fittest: Genomic investigations of the bay scallop reveal a shift in population structure through a summer mortality event. *BMC Genomics* 26:146. <https://doi.org/10.1186/s12864-025-11337-y>

Grouzdev, D., E. Pales Espinosa, **S. Tettelbach**, S. Farhat, A. Tanguy, I. Boutet, N. Guiglielmoni, J.F. Flot, H. Tobi, B. Allam. 2024. Chromosome-level genome assembly of the bay scallop *Argopecten irradians*. *Scientific Data* 11:1057.
<https://doi.org/10.1038/s41597-024-03904-x>

Tettelbach, S.T., R.E. Czaja Jr, H. Tobi, S.W.T. Hughes, B.J. Peterson, J. MacGregor, F. Delany, B. Scannell, E. Pales Espinosa, B. Allam. 2023. Collapse of the New York bay scallop fishery despite sustained larval and juvenile recruitment. *Marine Ecology Progress Series* 714: 45–56. <https://doi.org/10.3354/meps14334>

Pales Espinosa, E., Y. Bouallegui, D. Grouzdev, C. Brianik, R. Czaja, S. Geraci-Yee, A. Kristmundsson, M. Muehl, C. Schwaner, **S.T. Tettelbach**, H. Tobi, B. Allam. 2023. An

apicomplexan parasite drives the collapse of the bay scallop population in New York. *Scientific Reports* 13:6655. <https://doi.org/10.1038/s41598-023-33514-3>

Tomasetti, S.J., B.D. Hallinan, **S.T. Tettelbach**, N. Volkenborn, O.W. Doherty, B. Allam, C.J. Gobler. 2023. Warming and hypoxia reduce the performance and survival of northern bay scallops (*Argopecten irradians irradians*) amid a fishery collapse. *Global Change Biology*, 00, 1–16. <https://doi.org/10.1111/gcb.16575>

Sclafani, M., J. Bopp, J. Havelin, C. Humphrey, S.W.T. Hughes, J. Eddings, **S.T. Tettelbach**. 2022. Predation on planted and wild bay scallops (*Argopecten irradians irradians*) by busynconine whelks: studies of behavior incorporating acoustic telemetry. *Marine Biology* 169:66 <https://doi.org/10.1007/s00227-022-04033-y>. – highlighted article –

Carroll J.M., **S.T. Tettelbach**, L.L. Jackson, R.E. Kulp, E. Gomez, B.J. Peterson. 2022. Variability in site characteristics linked to bay scallop abundance but not tethered survival: Implications for restoration. *Journal of Experimental Marine Biology and Ecology* 546: <https://doi.org/10.1016/j.jembe.2021.151663>

Tettelbach, S.T., B.T. Furman, S.W.T. Hughes, J.M. Carroll, B.J. Peterson, J. Havelin, C.R.H. Tettelbach, R.M. Patricio. 2020. Attempted use of an uncommon bay scallop color morph for tracking the contribution of restoration efforts to population recovery. *Restoration Ecology* 28(3):532-542.

Grear, J.S., C.A. O’Leary, J.A. Nye, **S.T. Tettelbach**, C.J. Gobler. 2020. Effects of coastal acidification on North Atlantic bivalves: interpreting laboratory responses in the context of *in situ* populations. *Marine Ecology Progress Series*. 633:89-104.

Tettelbach, S.T., J.R. Europe, C.R.H. Tettelbach, J. Havelin, B.S. Rodgers, B.T. Furman, M. Velasquez. 2017. Hard clam walking: active horizontal locomotion of adult *Mercenaria mercenaria* at the sediment surface and behavioral suppression after extensive sampling. *PLoS ONE* 12(3):e0173626.[doi:10.1371/journal.pone.0173626](https://doi.org/10.1371/journal.pone.0173626).

Tettelbach S.T., B.J. Peterson, J.M. Carroll, B.T. Furman, S.W.T. Hughes, J. Havelin, J.R. Europe, D.M. Bonal, A.J. Weinstock & C.F. Smith. 2015. Aspiring to an altered stable state: rebuilding of bay scallop populations and fisheries following intensive restoration. *Marine Ecology Progress Series* 529:121-136.

Tettelbach, S.T., K. Tetrault & J. Carroll. 2014. Efficacy of Netminder® silicone release coating for biofouling reduction in bay scallop grow-out and comparative effects on scallop survival, growth and reproduction. *Aquaculture Research* 45:234-242.

Tettelbach S.T., B.J. Peterson, J.M. Carroll, S.W.T. Hughes, D.M. Bonal, A.J. Weinstock, J.R. Europe, B.T. Furman & C.F. Smith. 2013. Priming the larval pump: resurgence of bay scallop recruitment following initiation of intensive restoration efforts. *Marine Ecology Progress Series* 478:153-172.

Carroll, J.M., B.T. Furman, **S.T. Tettelbach**, B.J. Peterson. 2012. Balancing the edge effects budget: bay scallop settlement and loss along a seagrass edge. *Ecology* 93:1637–1647.

Tettelbach, S.T., D. Barnes, J. Aldred, G. Rivara, D. Bonal, A. Weinstock, C. Fitzsimons-Diaz, J. Thiel, M.C. Cammarota, A. Stark, K. Wejnert, R. Ames, J. Carroll. 2011. Utility of high density plantings in bay scallop, *Argopecten irradians irradians*, restoration. *Aquaculture International*. 19(4):715-739.

Carroll, J.M., B.J. Peterson, D. Bonal, A. Weinstock, C.F. Smith and **S.T. Tettelbach**. 2010. Comparative survival of bay scallops in eelgrass and the introduced alga, *Codium fragile*, in a New York estuary. *Marine Biology* 157:249–259.

Newell, R.I.E., **S.T. Tettelbach**, C.J. Gobler, and D.G. Kimmel. 2009. Relationships between reproduction in suspension-feeding hard clams *Mercenaria mercenaria* and phytoplankton community structure. *Marine Ecology Progress Series* 387:179-196.

Tettelbach, S.T. and C.F. Smith. 2009. Bay scallop restoration in New York. *Ecological Restoration* 27(1):20-22. – invited article –

Tettelbach, S.T. and A. Weinstock. 2008. Direct observation of bay scallop spawning in New York waters. *Bulletin of Marine Science* 28(2): 213-219.

DeSanctis, P.N., K. Tetrault and **S.T. Tettelbach**. 2007. Effects of photoperiod manipulation on reproductive condition of the northern bay scallop, *Argopecten irradians irradians* (Lamarck, 1819). *The Veliger* 49(1):15-18.

Tettelbach, S.T., C.F. Smith, P. Wenczel and E. Decort. 2002. Reproduction of hatchery-reared and transplanted wild bay scallops, *Argopecten irradians irradians*, relative to natural populations. *Aquaculture International* 10:279-296.

Tettelbach, S.T., P. Wenczel and S.W.T. Hughes. 2001. Size variability of juvenile (0+ Yr) bay scallops, *Argopecten irradians irradians* (Lamarck, 1819) at eight sites in Eastern Long Island, New York. *The Veliger* 44(4):389-397.

Tettelbach, S.T., C.F. Smith, R. Smolowitz, K. Tetrault and S. Dumais. 1999. Evidence for fall spawning of northern bay scallops *Argopecten irradians irradians* (Lamarck, 1819), in New York. *Journal of Shellfish Research* 18(1):47-58.

Tettelbach, S.T. and P. Wenczel. 1993. Reseeding efforts and the status of bay scallop *Argopecten irradians* (Lamarck, 1819) populations in New York following the appearance of "brown tide" algal blooms. *Journal of Shellfish Research* 12(2):423-431.

Tettelbach, S.T. 1991. Seasonal changes in a population of northern bay scallops, *Argopecten irradians irradians*. pp. 164-175. In: Shumway, S. E. and P. A. Sandifer (eds.) *An International Compendium of Scallop Biology and Culture*. World Aquaculture Society,

Publ., Baton Rouge, LA.

Tettelbach, S.T., C.F. Smith, J.E. Kaldy III, T.W. Arroll and M.R. Denson. 1990. Burial of transplanted bay scallops *Argopecten irradians irradians* (Lamarck, 1819) in winter. *Journal of Shellfish Research* 9(1):127-134.

Tettelbach, S.T., P.J. Auster, E.W. Rhodes and J.C. Widman. 1985. A mass mortality of northern bay scallops, *Argopecten irradians irradians*, following a severe spring rainstorm. *The Veliger* 27(4):381-385.

Tettelbach, S.T., L.M. Petti and W.J. Blogoslawski. 1984. Survey of *Vibrio* associated with a New Haven Harbor shellfish bed, emphasizing recovery of larval oyster pathogens. pp. 495-509. In: R. R. Colwell (ed.) *Vibrios in the Environment*, John Wiley & Sons, NY.

Tettelbach, S.T. and E.W. Rhodes. 1981. Combined effects of temperature and salinity on embryos and larvae of the northern bay scallop, *Argopecten irradians irradians*. *Marine Biology* 63(3):249-256.

Reports, Theses and Popular Articles

Tettelbach, S.T., B. Udelson and R. Lynn. 2022. Size and Age of Reproductive Maturity of Channeled Whelks in the Huntington-Northport Bay System, Long Island, New York. Final Report Presented to the New York State Department of Environmental Conservation.

Tettelbach, S.T. and C.F. Smith. 2005-2021. Restoration of Peconic Bay Scallop Populations and Fisheries: Progress Reports submitted to Suffolk County, NY.

Tettelbach, S.T. 2019. Bay Scallops: Very Pleasing to the Eye. *American Conchologist* 47(2):8-14.

Tettelbach, S.T. 2016. Creature Spotlight: Bay Scallops. Peconic Estuary Program September 2016 Newsletter pp. 4-5,8.

Tettelbach, S. and M. Sclafani. 2016. Predation on Peconic Bay Scallops (*Argopecten irradians irradians*) by Channeled Whelks (*Busycotypus canaliculatus*): Laboratory and Field Investigations Incorporating Acoustic Telemetry: Final Report Presented to the Peconic Estuary Program.

Tettelbach, S.T. and J.R. Europe. 2014. Submerged Aquatic Vegetation (SAV) Habitat Utilization by Juvenile Bay Scallops in the Peconic Estuary. Final Report submitted to Peconic Estuary Program.

Tettelbach, S.T. 2014. Book review: “*Conus* of the Southeastern United States and Caribbean” (Alan J. Kohn, Princeton University Press). National Shellfisheries Quarterly Newsletter 2014 (4).

Sclafani, M. and **S. Tettelbach**. 2010. Species Snapshot: Whelk. PEP Talk: The Newsletter of the Peconic Estuary Program Vol 6(2): pp. 5-6.

Smith, C.F., **S.T. Tettelbach**, B.J. Peterson and J. Carroll. 2008. Effects of Habitat on Survival of Free-Planted Bay Scallops. Final report submitted to US Environmental Protection Agency.

Tettelbach, S.T. 2008. Bay Scallop Spawner Sanctuary Evaluation Study. Final report submitted to New York State Dept. of Environmental Conservation.

Smith, C.F. and **S.T. Tettelbach**. 1997. Restocking Bay Scallops. Final report submitted to the National Marine Fisheries Service. 76 pp.

Tettelbach, S.T., C.F. Smith and R. Smolowitz. 1997. Effects of the 1995 'Brown Tide' on bay scallop reproduction. Final report submitted to New York Sea Grant Institute. 33 pp.

Tettelbach, S.T., C.F. Smith and R. Smolowitz. 1996. Histological Analysis of Gonadal Tissues from Bay Scallops Exposed to the 'Brown Tide' Bloom in the Peconic Bays During Summer 1995. Final report submitted to New York Sea Grant Institute. 12 pp.

Smith, C.F. and **S. Tettelbach**. 1996. Bay Scallop Restoration - Western Peconic Bay. Final report submitted to the U.S. Environmental Protection Agency. 44 pp.

Wenczel, P., C. Smith and **S. Tettelbach**. 1994. Planting bay scallops: results of reseeding bay scallops in the Peconic Bays, New York, 1986-1992. Final report submitted to the New York State Urban Development Corporation. 36 pp.

Tettelbach, S.T. 1989. Bay life in winter. South Fork Natural History Society Newsletter Vol. 1, No. 2, pp. 7-9.

Tettelbach, S.T. 1986. Dynamics of Crustacean Predation on the Northern Bay Scallop, *Argopecten irradians irradians*. Ph.D. Dissertation, University of Connecticut. 229 pp.

Tettelbach, S.T. 1979. The combined effects of temperature and salinity on embryos and larvae of the northern bay scallop, *Argopecten irradians irradians* (Lamarck). M.S. Thesis, University of Washington. 74 pp.

Armstrong, J.W., R.M. Thom, K.K. Chew, B. Arpke, R. Bohn, J. Glock, R. Hieronymus, E. Hurlburt, K. Johnson, B. Mayer, B. Stevens, **S. Tettelbach** and P. Waterstrat. 1978. The impact of the Denny Way combined sewer overflow on the adjacent flora and fauna in Elliott Bay, Puget Sound, Washington. Technical Report submitted to the Municipality of Metropolitan Seattle, Washington. 102 pp.

Published Abstracts

Tettelbach, S.T., C.F. Smith, J. Havelin, B.J. Peterson, J.M. Carroll, B.T. Furman, S.W.T. Hughes. 2014. Eight years of Peconic bay scallop restoration: what have we learned so far? *J. Shellfish Res.* 33 (2):659.

Tettelbach, S.T., C.F. Smith, J. Havelin, B.J. Peterson, J.M. Carroll, B.T. Furman, R.M. Patricio, K. Cahill, J. Clauss, S.W.T. Hughes, G.J. Rivara and K. Tetrault. 2013. Rebuilding bay scallop populations and fisheries in the Peconic bays, Long Island, New York. *J. Shellfish Res.* 32 (2):608.

Tettelbach, S.T., C.F. Smith, J.R. Europe, K. Cahill, J. Chagnon, J. Clauss, B.J. Peterson, J.M. Carroll, R.M. Patricio, S.W.T. Hughes, G.J. Rivara and K. Tetrault. 2012. Bringing 'em back: bay scallop restoration in the Peconic Bays, Long Island, New York. *J. Shellfish Res.* 31 (1):228.

Tettelbach, S.T., J.R. Europe and B.S. Rodgers. 2012. Hard clam walking: active locomotion of adult *Mercenaria mercenaria* (Linne, 1758) at the sediment surface. *J. Shellfish Res.* 31 (1):353.

Tettelbach, S.T., B.J. Peterson, J.M. Carroll, J.R. Europe, R.M. Patricio, J. Chagnon, K. Cahill, J. Clauss, S.W.T. Hughes and C.F. Smith. 2011. Resurgence of Bay Scallop, *Argopecten irradians irradians*, Populations and Fisheries After Large-Scale Restoration Efforts in Eastern Long Island, New York. *J. Shellfish Res.* 30 (2):557.

Tettelbach, S.T., C.F. Smith, R.M. Patricio, K. Cahill, J. Chagnon, J. Clauss, N. Stark, A. Dinargo, S. Hughes, and K. Tetrault. 2009. Progress in restoration of New York bay scallop populations. *J. Shellfish Res.* in press.

Tettelbach, S.T. and C.F. Smith. 2008. Bay scallop restoration efforts in New York. *J. Shellfish Res.* 27(4):1056.

Tettelbach, S.T. and A. Weinstock. 2008. Direct observation of bay scallop spawning in New York waters. *J. Shellfish Res.* 27(4):1056-1057.

Goldberg, R. and **S.T. Tettelbach**. 2008. The history and status of bay scallop, *Argopecten irradians irradians*, populations in Connecticut and New York. *J. Shellfish Res.* 27(4):1012.

Tettelbach, S.T. and D. Bonal. 2008. The importance of fall recruitment in New York bay scallop populations: variability in size of annual growth rings and total shell size. *J. Shellfish Res.* 27(4):1056.

Carroll, J., B.J. Peterson, C.F. Smith, D. Bonal, A. Weinstock and **S.T. Tettelbach**. 2008. A bay scallop's brave new world: can the introduced *Codium fragile* act as an eelgrass surrogate? *J. Shellfish Res.* 27(4):995.

- Tettelbach, S.T.**, D. Bonal, A. Weinstock, D. Barnes, G. Rivara , C. Fitzsimons-Diaz, and J. Carroll. 2007. Comparison of different deployment strategies for bay scallop spawner sanctuaries in New York. *J. Shellfish Res.* 26(2):670.
- Tettelbach, S.T.**, A. Weinstock, D. Bonal, C. Fitzsimons-Diaz, R. Ames and K. Newman. 2006. Evaluation of suspended ADPI© bags vs. bottom planting for use as bay scallop spawner sanctuaries. *J. Shellfish Res.* 25(2):783.
- Tettelbach, S.T.**, Smith, C.F., and Wenczel, P. 2003. Selection of appropriate habitats/sites for bay scallop restoration. *J. Shellfish Res.* 22(1):357.
- Tettelbach, S.T.**, R.I.E. Newell and C. Gobler. 2003. Linking hard clam (*Mercenaria mercenaria*) reproduction to phytoplankton community structure: I. Clam growth and reproductive cycles. *J. Shellfish Res.* 22(1):357-358.
- Newell, R.I.E., C. Gobler and **S.T. Tettelbach**. 2003. Linking hard clam (*Mercenaria mercenaria*) reproduction to phytoplankton community structure: II. Phytoplankton community structure and food composition. *J. Shellfish Res.* 22(1):347.
- Tettelbach, S.T.**, C.F. Smith, R. Smolowitz, S. Dumais and K. Tetrault. 1999. Evidence for fall spawning of northern bay scallops *Argopecten irradians irradians* (Lamarck, 1819), in New York. *J. Shellfish Res.* 18(1):311.
- Tettelbach, S.T.**, C.F. Smith and P. Wenczel. 1997. Bay scallop stock restoration efforts in Long Island, New York - approaches and recommendations. *J. Shellfish Res.* 16(1):276.
- Tettelbach, S.T.**, P. Wenczel and S.W.T. Hughes. 1994. Size variability of juvenile (0 + yr) bay scallops in Long Island, New York populations. *J. Shellfish Res.* 13(1):284.
- Tettelbach, S.T.** and P. Wenczel. 1991. Reseeding efforts and the status of bay scallop populations in New York following the appearance of brown tide. *J. Shellfish Res.* 10(1):273.
- Tettelbach, S.T.** 1988. Crabs vs. bay scallops: effects of predator and prey size on feeding rates and predatory behavior. *J. Shellfish Res.* 7(1):135
- Tettelbach, S.T.** 1985. Seasonality of factors responsible for mortality of the northern bay scallop *Argopecten irradians irradians*. *J. Shellfish Res.* 5(1):43
- Tettelbach, S.T.** 1985. Temporal variability of crab predation on northern bay scallops, *Argopecten irradians irradians*. *Estuaries* 8(2B):79A
- Tettelbach, S.T.** and S.Y. Feng. 1985. Intensity of crab predation on northern bay scallops, *Argopecten irradians irradians*: Effects of prey size and predator assemblages on seasonal patterns. Abstracts of the 77th Annual Meeting of the National Shellfisheries Association, Norfolk, VA, 17-20 June 1985.

Blogoslawski, W., L.M. Petti, **S.T. Tettelbach**, E. North, B. Nawoichik and L. Gilson. 1982. The occurrence of bacterial pathogens of oyster larvae: A Long Island Sound study. *J. Shellfish Res.* 2(1):89.

Blogoslawski, W.J., **S.T. Tettelbach**, L.M. Petti and B.A. Nawoichik. 1981. Isolation, characterization and control of a *Vibrio* sp. pathogenic to *Crassostrea virginica* and *Ostrea edulis* larvae. *J. Shellfish Res.* 1(1):109

Conference Addresses, Lectures, Panels

Invited Speaker, The Dive Club of Long Island, Bayshore, NY, 2025

Invited Speaker, Biennial Peconic Estuary Partnership Conference, Riverhead, NY, 2025

Invited Panel Member, Peconic Baykeeper/Peconic Estuary Partnership Bay Scallop Forum, Cutchogue, NY, 2024

Invited Speaker, Big Apple Divers Club, New York, NY, 2024

Invited Panel Member, Biennial Peconic Estuary Partnership Conference, 2023.

Invited Speaker, Peconic Bay Scallop Technical Review Committee (remote), 2022.

Invited Panel Member, South Fork Sea Farmer / LTV, YouTube broadcast, 2021.

Invited Speaker, Peconic Bay Scallop Technical Review Committee (remote), 2021.

Invited Panel Member, Peconic Estuary Partnership Conference (remote), 2021.

Invited Contributor, 113th Annual Meeting of the National Shellfisheries Association (remote), 2021.

Invited Speaker, Long Island Veterinary Medicine Association (remote), 2021.

Invited Panel Member, Peconic Land Trust workshop (remote), 2021.

Invited Speaker, Accabonac Protection Committee (remote), 2020.

Invited Speaker, Peconic Estuary Partnership Technical Advisory Committee (remote), 2020.

Invited Speaker, North Fork Audubon Society/East End Seaport Maritime Museum (remote), 2020.

Invited Speaker/Roundtable Member, Peconic Bay Scallop Technical Review Committee (remote), 2020.

Invited Speaker, Suffolk County (NY) Food Policy Council, (remote), 2020.

Invited Speaker, Boston Malacological Club, Boston, MA, 2020.

Invited Speaker/Panel Member, Stony Brook-Southampton, Southampton, NY, 2019.

Invited Speaker, New Suffolk Waterfront Fund, New Suffolk, NY, 2019.

Invited Speaker, East End Seaport Maritime Museum, Greenport, NY, 2019.

Invited Speaker/Roundtable Member, Peconic Bay Scallop Technical Review Committee, Riverhead, NY, 2019.

Keynote Speaker, Advanced Science Research Symposium, John F. Kennedy High School, Bellmore, NY, 2019.

Invited Speaker, Stony Brook University, School of Marine and Atmospheric Sciences, Stony Brook, NY, 2019.

Contributor, 48th Annual Benthic Ecology Meeting, St. John's, Newfoundland, Canada, 2019.

Invited Speaker, Stony Brook-Southampton, School of Marine and Atmospheric Sciences, Southampton, NY, 2019.

Invited Speaker, NY State Department of Environmental Protection, East Setauket, NY, 2017.

Organizer, Speaker for 'Bug' Scallop Workshop, Riverhead, NY, 2016.

Session Chairman and Contributor, 45th Annual Benthic Ecology Meeting, Portland, ME, 2016.

Invited Speaker, Bruce Museum, Greenwich, CT, 2016.

Invited Speaker, SUNY-Stony Brook, Stony Brook, NY, 2015.

Invited Speaker, Northeast Shellfish Sanitation Association Annual Meeting, Riverhead, NY, 2015.

Invited Contributor, meeting of the Peconic Estuary Program Technical Advisory Committee, Riverhead, NY, 2015.

Invited Contributor, 106th Annual Meeting of the National Shellfisheries Association, Jacksonville, FL, 2014.

Session Chairman and Invited Contributor, BIT's 2nd Annual World Congress of Mariculture and Fisheries - 2013, Hangzhou, China, 2013.

Invited Panel Member, Mote Marine Lab Scallop Restoration Workshop, Sarasota, FL, 2013

Contributor, 15th International Conference on Shellfish Restoration, Groton, CT, 2012.

Contributor, 104th Annual Meeting of the National Shellfisheries Association, Seattle, WA, 2012.

Contributor, 31st Milford Aquaculture Seminar, Westbrook, CT, 2012.

Invited Speaker/Panel Member, Southwest Florida Bay Scallop Restoration Strategies Workshop, Terra Verde, FL, 2011.

Contributor, 103rd Annual Meeting of the National Shellfisheries Association, Baltimore, MD, 2011.

Contributor, Northeast Aquaculture Conference and Exposition, Duxbury, MA, 2010.

Invited Panel Member, Peconic Estuary Program Call to Action Conference, Southampton, NY, 2010.

Invited Speaker, Stony Brook-Southampton, School of Marine and Atmospheric Sciences, Southampton, NY 2010.

Invited Speaker, Nantucket Shellfish Association, Nantucket, MA, 2009.

Invited Speaker, SMAST/DFO Seminar Series, University of Massachusetts, Dartmouth, MA, 2009.

Contributor, 101st Annual Meeting of the National Shellfisheries Association, Savannah, GA, 2009.

Invited Speaker, Southold Baymen's Association, Southold, NY, 2009.

Invited Speaker, Southold Project for Aquaculture Training, Southold, NY, 2009.

Special Session Co-Organizer and Contributor, 100th Annual Meeting of the National Shellfisheries Association, Providence, RI, 2008.

Invited Speaker, Marine Science Seminar Series, Stony Brook University, Stony Brook, NY, 2008.

Invited Speaker, Research Methods Seminar Series, Long Island University, Brookville, NY, 2007.

Contributor, Biennial Meeting, Northeast Aquaculture Association, Groton, CT, 2006.

Invited Speaker, Northeast Shellfish Sanitation Association Annual Meeting, Port Jefferson, NY 2006.

Contributor, 98th Annual Meeting of the National Shellfisheries Association, Monterey, CA, 2006.

Invited Speaker, 97th Annual Meeting of the National Shellfisheries Association, Philadelphia, PA, 2005.

Planning board member and invited speaker, Bay Scallop Restoration Workshop, Manchester, NH, 2004.

Invited Speaker, New York Sea Grant Hard Clam Initiative Advisory Committee Meeting, Setauket, NY 2004.

Invited Speaker, 95th Annual Meeting of the National Shellfisheries Association, New Orleans, LA, 2003.

Invited Speaker, Brainwash Seminar Series, Southampton College, Southampton, NY, 2002.

Invited Speaker, Brainwash Seminar Series, Southampton College, Southampton, NY, 2001.

Invited Speaker, American Museum of Natural History, New York, NY, 2001.

Invited Speaker, Quogue Wildlife Refuge, Quogue, NY, 2001.

Invited Speaker, Dean's Lecture Series, Southampton College, Southampton, NY, 2000.

Invited Speaker, American Museum of Natural History, New York, NY, 2000.

Invited Contributor, Peconic Estuary Program Natural Resources Subcommittee Workshop, Shelter Island, NY, 1999.

Invited Speaker, Bay Scallop Summit, Hyannis, MA, 1999.

Contributor, 91st Annual Meeting of the National Shellfisheries Association, Halifax, Nova Scotia, 1999.

Invited Speaker, Brown Tide Research Initiative Symposium, Riverhead, NY, 1998.

Invited Speaker, New York Shell Club, New York, NY, 1998.

Invited Speaker, Long Island Shell Club Meeting, N. Bellmore, NY, 1997.

Contributor, Peconic Estuary Program Meeting, Riverhead, NY, 1996.

Invited Speaker, Long Island Shell Club Meeting, N. Bellmore, NY, 1996.

Contributor, 1st International Conference on Shellfish Restoration, Hilton Head Island, SC, 1996

Session Chairman and Contributor, 86th Annual Meeting of the National Shellfisheries Association, Charleston, SC, 1994.

Contributor, 85th Annual Meeting of the National Shellfisheries Association, Portland, OR, 1993.

Invited Seminar Speaker, Florida Institute of Technology, Melbourne, FL, 1992.

Contributor, 83rd Annual Meeting of the National Shellfisheries Association, Portland, ME, 1991.

Invited Panel Member, Workshop on “Managing and Protecting Long Island’s Estuaries”, Southampton, NY, 1991.

Contributor, 11th Annual Shellfish Biology Seminar, Milford, CT, 1991.

Invited Panel Member, New York Sea Grant Review of Submitted Grant Proposals, Stony Brook, NY, 1989.

Contributor, 7th International Pectinid Workshop, Portland, ME, 1989.

Invited Contributor, Conference on “Novel Phytoplankton Blooms: Causes and Impacts of Recurrent Brown Tides and Other Unusual Blooms”, Stony Brook, NY, 1988.

Contributor, 79th Annual Meeting of the National Shellfisheries Association, New Orleans, LA, 1988.

Contributor, New York Fisherman’s Forum, Riverhead, NY, 1987.

Session Chairman and Contributor, 78th Annual Meeting of the National Shellfisheries Association, Seattle, WA, 1986.

Session Chairman and Contributor, New England Estuarine Research Society, Spring Meeting, Milford, CT, 1986.

Contributor, 6th Annual Shellfish Biology Seminar, Milford, CT, 1986.

Contributor, 8th Biennial Estuarine Research Federation Conference, Durham, NH, 1985.

Contributor, 77th Annual Meeting of the National Shellfisheries Assn, Norfolk, VA, 1985.

Invited Seminar Speaker, National Marine Fisheries Service Laboratory, Milford, CT, 1985.

Contributor, Dumpsite Area Monitoring System Symposium, Mystic, CT, 1985.

Session Chairman and Contributor, 76th Annual Meeting of the National Shellfisheries Association, Tampa, FL, 1984.

Contributor, New England Estuarine Research Society, Spring Meeting, Duxbury, MA, 1984.

Contributor, The Leo F. Rettger Society, Connecticut Valley Branch of the American Society for Microbiology, Spring Meeting, Bridgeport, CT, 1980.

Students Mentored

PhD: Dissertation Reader

John Carroll (Stony Brook)

Valerie Hall (UMass-Dartmouth)

Stephen Heck (Stony Brook)

Stephen Tomasetti (Stony Brook)

Master of Science: Thesis Advisor (LIU)

Andrew Weinstock

Dennis Bonal

Barry Udelson

Kayla Mladinich

Chelsea Miller

Robin Lynn

Hailey Brosnan

Marissa Velasquez

James Europe

Tracey Vlasak

Master of Science: Thesis Reader

Maureen Davidson (Stony Brook)

Sara Petrochic (LIU)

Aakash Mehta (LIU)

Kaitlin Fisher (LIU)

Hui Yang (LIU)

Michael Roy (LIU)

Peter Hong (LIU)

Jessica MacGregor (Stony Brook)

Sivanna Trainer (Stony Brook)

High School and Undergraduate: Research Mentor

>30 students from LIU, other universities and Long Island high schools

Special Skills and Experience

- NAUI certified SCUBA diver, with >2600 logged dives (most research-related)
- > 1000 hrs of snorkeling experience in locations which include: NE US, South Florida, Bahamas, Caribbean, Belize, West Mexico, Peru, Hawaii, South Pacific, Turkiye
- Peer review of scientific papers: Marine Ecology Progress Series; Estuarine, Coastal and Shelf Science; Aquatic Biology; Marine Biology; Aquaculture Environment Interactions; Aquaculture; Aquaculture Reports; Aquaculture International; Harmful Algae; Fisheries Oceanography; Journal of Shellfish Research; Journal of Experimental Marine Biology and Ecology, North American Journal of Fisheries Management; Invertebrate Reproduction and Development; Journal of Thermal Biology; Marine Environmental Research; Conservation Physiology; International Journal of Molecular Sciences; Marine Policy; Ecosphere; Comparative Biochemistry and Physiology - Part A; Estuaries and Coasts; Marine and Coastal Fisheries; Thalassas; Ecotoxicology and Environmental Safety
- Peer review of scientific research proposals: NOAA Restore Act, NOAA National Undersea Research Program; Sea Grant; Smithsonian Institution; Saltonstall-Kennedy Program; USDA Small Business Innovation Research Program; Graduate Women in Science National Fellowship Program
- Underwater photography - many photographs published in scientific journals and commercial magazines, and used for museum display
- Invited member of Project Guidance Committee for Northeast Regional Aquaculture Center (NRAC)-funded initiative, Building Bay Scallop Aquaculture through Workforce Development and Seed Supply Improvements, 2026-2029
- Member, Peconic Bay Scallop Technical Review Committee, 2019-present
- Scientific Advisory Board member, Great Harbor Yacht Club Foundation, Nantucket, 2021-present
- Invited Member, New York State Marine Shellfish Restoration Plan working group, 2022-2023
- Co-leader and instructor of a 4-week field course in Tropical Marine Ecology in Australia, 2014

- Invited reviewer of Nantucket Bay Scallop Management Plan, 2012
- Co-leader and instructor of 14 1-month field courses in Tropical Marine Biology in the South Pacific islands, 1988-2010
- Planning board member: Bay Scallop Restoration Workshop, Manchester, NH, 2004
- Academic coordinator and instructor of high school summer course “Introduction to Marine Science”, LIU-Southampton, Southampton, NY, 1987-2004
- On-site evaluation of hatchery and growout areas for proposed scallop aquaculture project in Peru, June 1987
- Volunteer scientist on National Marine Fisheries Service Sea Scallop Resource Assessment Cruise, Northern Leg, August, 1984