

KONSTANTINE J. ROUNTOS, M.Sc., Ph.D.

Associate Professor of Biology
St. Joseph's University, New York
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EDUCATION:

Ph.D., Marine and Atmospheric Sciences, Stony Brook University	2014
M.Sc., Marine and Atmospheric Sciences, Stony Brook University	2008
B.S., Biology, Manhattan College	2005

PROFESSIONAL BACKGROUND:

Associate Professor of Biology, St. Joseph's University, NY -Department of Biology, Long Island Campus	2021 - present
Assistant Professor of Biology, St. Joseph's University, NY -Department of Biology, Long Island Campus	2016 - 2021
Part-Time Faculty, The New School -Environmental Policy and Sustainability Management graduate program.	2011 - present
Part-Time Director of Research and Development, Manna Fish Farms, NY -Summer research appointment	2016 – 2019
Lecturer, St. Joseph's College, NY -Department of Biology, Long Island Campus	Fall 2015
Senior Postdoctoral Associate, Stony Brook University -Shinnecock Bay Restoration Program, Institute for Ocean Conservation Sciences	2014 - 2016
Adjunct Professor of Environmental Sciences, The New School -Tishman Environment and Design Center	2011 - 2012
Adjunct Professor of Biology, Manhattan College -Department of Biology	2009
Adjunct Professor of Biology, College of Mt. Saint Vincent -Division of Natural Sciences	2008 - 2009
Fulbright Fellow, University of Crete -Marine Ecology Laboratory, Heraklion, Greece	2007 - 2008

TEACHING & ADVISING:

Courses taught and/or developed: St. Joseph's University, NY	2015 - present
BIO 480. Research	*BIO 210. Science Without Borders
BIO 470. Coastal Marine Habitats	(Study Abroad course, Greece)
BIO 400. Internship	BIO 165. Anatomy
BIO 380. Research Seminar	BIO 151 General Biology II
BIO 280. Field Course in Ecology (Study Abroad course, Costa Rica)	BIO 150. General Biology I
*BIO 279. Local Field Ecology	*BIO 145. Marine Biology
	* Courses developed or co-developed, and taught

Courses Taught: The New School, NY 2011 - present
MSUS 5000/NEPS 5006. **Principles of Environmental Science** (Core Graduate Course)
LSCI 2050/UENV2400. **Principles of Ecology** (Undergraduate Course)
UENV 2000. **Environment and Society** (Undergraduate Course)

Courses Taught: Prior to 2011

Manhattan College 2009
General Biology (BIO 113, 114)
College of Mount Saint Vincent 2008-2009
General Biology (BIO 113, 114), Concepts of Biology (BIO 102)
Stony Brook University 2005-2006
Teaching Assistant for The Living World (BIO 150), Aquatic Arthropods and Vertebrates (BIO 346)

Advising & Mentoring:

St. Joseph's University, NY 2016 - present

-Undergraduate Thesis Research Projects (Faculty Advisor): **38 students total**

• **2024-2025 (4 students)**

- Christiansen, R. – “Analyzing the Microplastic Contents of Eastern Oysters (*Crassostrea virginica*) from New York and New Jersey”
- Herrera, A. – “Effects of Indirect Exposure to Harmful Dinoflagellates through Artemia prey on Forage Fish Species *Cyprinodon variegatus*”
- Paciulli, O. – “Sensitivity Analysis of Shuttle Boxes in Preparation for Future Animal Behavior Research”
- Witzke, J. – “Microplastic Concentration of the *Mercenaria mercenaria*, a Selective Filter Feeder”

• **2023-2024 (2 students)**

- *Candia, J. – “Ontogenetic Effects of Harmful Algal Blooms and Ocean Acidification on Artemia spp.”
- *Khan, A. – “Evaluation of Microplastics in Selective and Non-selective Filter-Feeding Invertebrates”

• **2022-2023 (5 students)**

- Anetrella, C. – “Lethal and Sublethal Effects of Polyethylene Terephthalate (PET) Microplastics on Grass Shrimp (*Palaemonetes pugio*)”
- Byrne, M. – “The Effects of Microplastics on Marine Invertebrates”
- Clark, B. – “A comparison of the Harmful Effects of Algal Blooms on Aquaculture in China and the United States”
- Defina, J. – “Survey of Microplastics in the Bivalve, *Crassostrea virginica*”
- Garcia, K. – “Effects of Harmful Algal Blooms on Humans”

• **2021-2022 (6 students)**

- Castilletti, G. – “Microplastics in Hard Clams”
- *Colombo, I. – “The Accumulation of Microplastics in Beach Sediment”
- McLaughlin, K. – “Initiation of annual blooms from cysts of *Cochlodinium polykrikoides*”
- *Minder, M. – “Microplastics in the Bivalve, *Crassostrea virginica*”
- Poltorak, J. – “Global Aquaculture Production and Methods”
- Shellman, B. – “Sublethal impacts of *Margalefidinium polykrikoides* on early life stages of fish”

• **2020-2021 (5 students)**

- Feinberg, M. – “Abundance of Microplastics in Coastal Waters of Long Island”

- Fouche, C. – “Comparing Microplastic Concentrations Between Zooplankton Net and Manta Trawl”
- Ibanez, K. – “The Effects of Dinoflagellates on Inland Silversides”
- McKenna, L. – “Effects of microplastics on marine organisms and their probable impact on humans”
- Tenney, K. – “Effects of Harmful Algal Blooms on Fish Survival When Exposed in the Embryonic Stage of Development”
- **2019-2020 (6 students)**
 - Creen, E. – “Bringing dead data back from the crypt.”
 - Feinberg, P. – “Effects of *Margalefidinium polykrikoides* on marine amphipods.”
 - Krage, A. – “Quantifying the effects of invasive submerged aquatic vegetation on invertebrate diversity and relative abundance in Patchogue Lake.”
 - LoRe, C. – “Investigating anthropogenic effects on sediment composition of Patchogue Lake.”
 - Pottgen, E. – “A comprehensive analysis of disease control methods in aquaculture.”
 - Ruiz, R. – “Effects of the toxic dinoflagellate *Margalefidinium polykrikoides* on *Artemia salina*.”
- **2018-2019 (5 students)**
 - Bohnenblusch, K. – “Review of the detection and prediction of harmful algal blooms.”
 - Dowd, I. – “Using New York State ranking system for evaluating non-native plant species for invasiveness and freshwater macrophyte abundance to assess ecological condition of Patchogue Lake.”
 - *Meier, E. – “Benthic invertebrate population density and diversity in relation to sediment characteristics in Patchogue Lake, New York.”
 - *Panicola, V. – “Species diversity and relative abundance of zooplankton present in lower Patchogue Lake.”
 - Schluntz, A. – “Methods and techniques to control and regulate harmful algal blooms caused by dinoflagellates.”
- **2017-2018 (5 students)**
 - *Azzam, W. – “Survey of Invasive Species in Patchogue Lake, New York.”
 - *Cinquemani, G. – “Baseline Water and Sediment Quality Testing of Patchogue Lake”
 - *\$Marinos, A. – “A Review of the Toxic Effects of Harmful Algal Blooms on Marine Organisms.”
 - *#Pascucci, D. – “Sublethal effects of the rust tide (*Cochlodinium polykrikoides*) on the feeding behavior of larval Sheepshead minnow (*Cyprinodon variegatus*).”
 - *Sweet, E. – “A survey of the abiotic factors of Patchogue Lake.”

*Presented at annual SJNY Student Research Symposium; \$Library Award for Student Research; #Undergraduate Research Technology Award

-Fulbright Fellowship Advisor: **3 student applications**

-High School Science Research Program Mentor: **2 students**

- M. Feist, Bronx High School of Science, Bronx, NY 2022
- R. Hughes, Hampton Bays HS, Hampton Bays, NY 2020 & 2021

-AFS Hutton Junior Fisheries Biology Program Mentor: **1 student**

- M. Mulqueen, Division Avenue HS, Levittown, NY 2017

The New School

2011 - 2014

-Graduate Student Research Projects (Faculty Advisor): **2 projects**

Double Savings project- Green&Go (The Green Fund, \$2,500):

A study to implement and assess the utility of reusable to-go containers in New School cafeterias.

Informal Recycling - Waste study (NYSP2L, \$1,200):

A pilot study where we sorted New School garbage and quantified the different categories found (i.e. recyclables, compostable, landfill waste, etc.). Students presented this research at the Statehouse in Albany NY, and received a 3rd place finish with a trophy at the 2013 NYS pollution Prevention Institute R&D Graduate student competition.

-Graduate Students Mentored: **5**

-Graduate Student Thesis (Reader): **1**

-Undergraduate Senior Thesis: **1**

Stony Brook University

2009 - 2016

-Graduate Students Mentored: **13 total**

-Undergraduate Research Assistants: **8**

-High School Summer Researchers: **2**

PEER-REVIEWED PUBLICATIONS:

- 13)** Minder, M.L., Colombo, I.G., and **Rountos, K.J.**¹ (2023). Baseline assessment of microplastics in commercially important marine bivalves from New York, U.S.A. *Marine Pollution Bulletin*. **188**: 114625. DOI: 10.1016/j.marpolbul.2023.114625.
- 12)** Cernadas-Martin, S., **Rountos, K.J.**, Nye, J.A., Frisk, M., and Pikitch, E.K. (2021). Composition and intraspecific variability in Summer flounder (*Paralichthys dentatus*) diets in a eutrophic estuary. *Frontiers in Marine Science*. DOI: fmars.2021.632751.
- 11)** Pascucci, D., Gobler, C.J., and **Rountos, K.J.**¹ (2021). Harmful dinoflagellate *Cochlodinium polykrikoides* impairs the feeding behavior of larval sheepshead minnows (*Cyprinodon variegatus*). *Journal of Fish Biology*. DOI: jfb.14707.
- 10)** Ye, X., **Rountos, K.J.**, Lee, C-S., and Fisher, N. (2021). Effects of methylmercury on the early life stages of an estuarine forage fish using two difference dietary sources. *Marine Environmental Research*. Manuscript **164**: 105240. DOI: 10.1016/j.marenvres.2020.105240.
- 9)** **Rountos, K.J.**, Kim, J.J., Hattenrath-Lehmann, T.K., and Gobler, C.J. (2019). Effects of the harmful algae, *Alexandrium cantenella* and *Dinophysis acuminata*, on the survival, growth, and swimming activity of early life stages of forage fish. *Marine Environmental Research*. **148**: 46-56. DOI: 10.1016/j.marenvres.2019.04.013.
- 8)** Gownaris, N.J., **Rountos, K.J.**, Kaufman, L., Kolding, J., Lwiza, K.M.M., and Pikitch, E.K. (2018). Water level fluctuations and the ecosystem functioning of lakes. *J. Great Lakes Res.* DOI: 10.1016/j.jglr.2018.08.005.
- 7)** **Rountos, K.J.**¹, Gobler, C.J., and E.K. Pikitch. (2017). Ontogenetic Differences in Swimming Behavior of Fish Exposed to the Harmful Dinoflagellate *Cochlodinium polykrikoides*. *Transactions of the American Fisheries Society*. **146(5)**: 1081-1091. DOI: 10.1080/00028487.2017.1339638.
- 6)** Gownaris, N.J., Pikitch, E.K., Aller, J.Y., Kaufman, L., Kolding, J., Lwiza, K.M.M., Obiero, K.O., Ojwang, W.O., Malala, J.O. and **Rountos, K.J.** (2016). Fisheries and Water Level Fluctuations in the World's Largest Desert Lake. *Ecohydrology* DOI: 10.1002/eco.1769
- 5)** **Rountos, K.J.**¹ (2016). Defining Forage Species to Prevent a Management Dilemma. *Fisheries*. **41**: 16-17. DOI: 10.1080/03632415.2015.1110791.

- 4) Rountos, K.J.¹, Frisk M.G., and E.K. Pikitch. (2015). Are we catching what they eat? - Moving beyond trends in the mean trophic level of catch. *Fisheries*. **40**: 376-385. DOI: 10.1080/03632415.2015.1061509.
- 3) Rountos, K.J.¹, Tang Y.Z., Cerrato, R.C., Gobler, C.J., and E.K. Pikitch. (2014). Toxicity of the harmful dinoflagellate, *Cochlodinium polykrikoides*, to early life stages of three estuarine forage fish. *Marine Ecology Progress Series*. **505**: 81-94. DOI: 10.3354/meps10793
- 2) Pikitch, E.K.², Rountos, K.J.^{1,2}, Essington, T.E. *et al* (2014). The global contribution of forage fish to marine fisheries and ecosystems. *Fish and Fisheries* **15**: 43-64. DOI: 10.1111/faf.12004
- 1) Rountos, K.J.¹, Peterson B.J., and I. Karakassis. (2012). Indirect effects of fish cage aquaculture on shallow *Posidonia oceanica* seagrass patches in coastal Greek waters. *Aquaculture Environment Interactions* **2**: 105-115. DOI: 10.3354/aei00037

¹Corresponding author, ²Co-lead authors

RESEARCH PROJECTS & EXPERIENCE:

Coastal Acidification and Harmful Dinoflagellate Blooms, St. Joseph's University	2022 – present
-Co-Principal Investigator with colleagues from Stony Brook (Lead-PI) and Adelphi (Co-PI) Universities on a three-year NOAA grant to examine the effects of ocean acidification on harmful algal blooms.	
-Lead SJNY researcher responsible for evaluating the lethal and sublethal effects of harmful algal blooms grown in different ocean acidification conditions on fish.	
Microplastics Assessment of Long Island Aquatic Ecosystems, St. Joseph's College	2019 – present
-Faculty advisor and lead researcher in research collaboration with Protecting the Environment Patchogue (PEP) committee and Village of Patchogue to examine microplastics in Patchogue Lake, Patchogue River, and Great South Bay.	
Lethal and Sublethal Effects of Harmful Algal Blooms to Fish, St. Joseph's College	2016 - present
-Advisor and lead researcher in examining the effects of harmful algal blooms to fish.	
-Maintain all State and University Animal Use permits and compliance.	
-Responsible for training, organizing, and advising undergraduate research projects.	
Patchogue Lake Monitoring, St. Joseph's College	2016 - present
-Lead faculty coordinator for Patchogue Lake research.	
-Responsible for training and organizing undergraduates to assist in research.	
Sustainable Offshore Aquaculture, St. Joseph's College & Manna Fish Farms, Inc.	2016 - 2019
-Lead investigator exploring the barriers, challenges, and potential for offshore aquaculture in Long Island.	
Shinnecock Bay Restoration Program (ShiRP), Stony Brook University	2012 - 2017
-Lead scientist for fisheries and harmful algal bloom toxicity research.	
-Maintain all State and University Animal Use permits and compliance.	
-Responsible for training and organizing graduate students, undergraduates, and volunteers to assist in ShiRP research.	
Impacts of Changes in Water Inflow on the Fishes of Lake Turkana, Kenya	2012
-Worked in remote Lake Turkana, Kenya for 1 month while living in a tent to collect fisheries data for a colleague's dissertation research project.	
Lenfest Forage Fish Task Force, Stony Brook University	2009 - 2012

-Lead research scientist on global meta-analysis evaluating the economic and ecological role of forage fish.

-Developed a comprehensive database for key ecosystems highlighting the effects of forage fish depletion on highly dependent predators.

Fulbright Fellowship, University of Crete and Stony Brook University 2007 - 2008

-Examined the direct and indirect effects of effluent from large and small-scale fish farming operations on the surrounding seagrass ecosystems.

Graduate Assistant, Stony Brook University 2006 - 2007

-Scientist for Hudson River Striped Bass Survey, NY Department of Environmental Conservation.

Research Assistant, Stony Brook University 2005 - 2007

-Investigator for Stony Brook – Southampton Coastal and Estuarine Research Program.

LEADERSHIP & ACADEMIC SERVICE:

Co-Chair – Middle States Commission on Higher Education Self Study 2023-present

- St. Joseph’s University, New York

Elected standing committees at St. Joseph’s University:

- **Faculty Interests Council** 2022-present
 - Executive Committee (2023-present)
 - At-Large representative for 3-year term (2023-2026)
 - Long Island Non-tenured representative for 3-year term (2022-2023)
 - Note: position vacated when I received tenure the first year of the term.
- **Curriculum Committee** 2021-present
 - Long Island Chemistry, Biology, Math/Comp Science representative
 - Two-terms (replacement 2021-2022; full term 2022-2025)

Additional committees at St. Joseph’s University:

- **Head of Sustainability Committee** 2020-present
- **Member - Sustainability Committee** 2016-present
- **Undergraduate Research Advisory Committee** 2018-present
- **Faculty Teaching and Learning Center Advisory Board** 2018-present
- **Member, College Advisory Council** Fall 2018
- **Founding member of Institutional Care and Use Committee** 2016-present

Academic service:

- **FCTL Conference Workshop** 2023
 - “Complementary Goals: Integrating Research and Scholarship in the Classroom and Beyond”
 - Interdisciplinary workshop co-organized with Dr. Alexis McBride (Child Study)
- **Strategic Plan Task Force Member – Goal #5** 2022-present
- **FCTL Panel Discussion – Research & Teaching - Panelist** 2022

- “How to Develop & Maintain a Sustainable Research & Teaching Balance”
- **College Wide Meeting Day – Session facilitator** 2020
 - “Advancing Your Scholarly Agenda: Sabbaticals and Grants”
- **Faculty Advisor – Green Team** 2019-present
- **Faculty Advisor – Biology Club** 2016-2022
- **Established the F.W. Antonawich Environmental Stewardship Award** 2018-present
 - Established an annual memorial award presented to one LI Biology major that exhibits leadership and environmental stewardship.
- **Coordinator - *Environmental Studies Minor*** 2016-present

Community volunteerism:

- **Long Island Youth Summit** 2022-present
 - Panelist - Workshop 4: The Impact of Climate Change
- **Annual Patchogue Lake (and River) Clean-ups** 2016-present
 - Led and organized multiple Lake and River Clean-ups
 - <https://oncampus.sjny.edu/sjny-community-participates-in-annual-patchogue-river-clean-up/>
 - <https://oncampus.sjny.edu/st-joes-students-help-in-patchogue-river-cleanup/>
 - <https://oncampus.sjny.edu/sjc-long-island-community-helps-clean-patchogue-river-and-patchogue-lake/>
 - <https://oncampus.sjny.edu/celebrating-the-environment/>
- **Bay Scallop Bowl – NY Regional HS Science Competition of the NOSB** 2008-2022
 - Served in every role (e.g. runner, time-keeper, score-keeper, science judge, and most recently, moderator) for this annual high school marine science competition.
- **Friends of Fire Island – SJNY liaison and Volunteer scientific advisor** 2016-2019
 - Co-Organized Centennial Celebration of SJNY and National Parks Service.

Scholarly service:

- **Treasurer, Estuaries Section of the American Fisheries Society** 2014-present
- **U.S. Peer Review Committee – Greek Fulbright Visiting Scholar Applications** 2016-2018
- **Ad-hoc manuscript reviewer (13 manuscripts)** 2014 - present
 - Journals: *Journal of Experimental Marine Biology and Ecology* (1), *Global Ecology and Biogeography* (1), *Fisheries* (1), *Canadian Journal of Fisheries and Aquatic Sciences* (1), *Transactions of the American Fisheries Society* (1), *Aquatic Ecology* (1), *Scientific Reports* (1), *Marine Environmental Research* (2), *Harmful Algae* (3), *Journal of Plankton Research* (1), Plos One (1)
- **Ad-hoc proposal reviewer (*California Sea Grant College Program*)** 2016
- **Symposium organizer** 2016

- *Offshore Aquaculture: Challenges and Opportunities for Advancing Sustainable Seafood in the Deep Blue Sea.* Seaweb Sustainable Seafood Summit, St. Julian's, Malta.
- **Chair and co-organizer of symposium** **2015; 2024**
 - Symposium #3390: *Resolving the Multiple Impacts of Anthropogenic Eutrophication on Coastal Fish and Fisheries.* American Fisheries Society 145th Annual Meeting, Portland, OR, USA (2015)
 - Symposium #SP-78: *Coastal systems in flux: Fish and Fisheries in a multi-stressor world.* American Fisheries Society 154th Annual Meeting, Honolulu, HI, USA (2024)

GRANTS, FELLOWSHIPS, SCHOLARSHIPS & MERIT AWARDS:

- NOAA NCCOS Competitive Research Grant (NA22NOS4780167) **2022-2025**
- **\$1,002,993 (\$74,794 to SJNY)**
- Faculty Development Small Grant, St. Joseph's College, NY - **\$747** **2021**
- Faculty Summer Research Grant - **\$6,770** **2018**
- Nuria Protopopescu Memorial Teaching Award - **\$1,000** **2014**
- J.R. Schubel Fellowship - **\$3,000** **2014**
- Clark Hubbs Student Research Award - **\$500** **2014**
- Evan R. Liblit Memorial Graduate Scholarship - **\$3,700** **2011**
- Fulbright U.S. Student Fellowship to Greece – **\$21,100** **2007**

CONFERENCE TRAVEL AWARDS:

- Faculty Development Small Grant, St. Joseph's University, NY - **\$1000** **2024**
- Faculty Development Small Grant, St. Joseph's College, NY - **\$656** **2019**
- Faculty Development Small Grant, St. Joseph's College, NY - **\$750** **2017**
- Stony Brook PostDoc Travel Award - **\$1,500** **2015**
- John E. Skinner Memorial Travel Award - **\$130** (Honorable Mention) **2014**
- Woods Hole Oceanographic Institute Travel Award - **\$3,400** **2013**
- Estuaries Section of the American Fisheries Society Travel Award - **\$400** **2013**
- New York Chapter of the American Fisheries Society Travel Award - **\$150** **2013**
- Marine Fisheries Section of the American Fisheries Society Travel Award - **\$500** **2012**
- Staudte Graduate Travel Award, Stony Brook University - **\$250** **2012**
- Distinguished Travel Award, Stony Brook University Graduate School - **\$1,500** **2011**
- Sigma Xi Travel Award, Stony Brook University Chapter - **\$250** **2011**

INVITED SEMINARS & PRESENTATIONS:

- Rountos, K.J.** (2024). Ichthyotoxicity of harmful dinoflagellates in increasingly acidic coastal environments. American Fisheries Society 154th Annual Meeting of the American Fisheries Society, Honolulu, HI, USA, September 15th-19th. (Invited Symposium presentation)
- Rountos, K.J.** (2016). The Time Has Come to Grow With It: Making the Case for Responsible Offshore Aquaculture. Stony Brook University - School of Marine and Atmospheric Sciences Fall Lecture Series, Southampton, NY, USA, November 4th. (Oral presentation)
- Rountos, K.J.**, Gobler, C.J., Pikitch, E.K. (2015). HABs, Camera, Action! Revealing the Behavioral Toxicity of Harmful Algae to Coastal Forage Fish Using Video Analysis. American Fisheries Society 145th Annual Meeting of the American Fisheries Society, Portland, OR, USA, August 16th-20th. (Oral presentation)
- Rountos, K.J.** (2015). Seeing Below the Surface: Challenges to Consider for Sustainable Seafood Production. Manhattan College, USA. April 22nd. (Earth Day Seminar)
- Rountos, K.J.** (2015). Toxicity of the Harmful Rust Tide, *Cochlodinium polykrikoides*, to Fish In the Hamptons and Beyond. Istanbul University, Institute for Marine Sciences and Management, Turkey. February 17th. (Departmental Seminar)
- Rountos, K.J.** (2015). The Forage Fish Identity Crisis. SeaWeb Seafood Summit, New Orleans, USA. February 9-11th. (Invited Panelist)
- Rountos, K.J.**, Frisk, M.G., Pikitch, E.K. (2014). Are we catching what they eat? - Assessing Mean Trophic Level of Fisheries Catch and Predator Consumption Globally. 144th Meeting of the American Fisheries Society, Québec City, Québec, Canada. August 17th-21st. (Invited Symposium presentation)
- Rountos, K.J.** (2013). The Global Contribution of Forage Fish to Marine Ecosystems: from Food to Fisheries Value. Manhattan College, Biology Department, USA. February 22nd. (Biology Department Seminar)
- Rountos, K.J.** and Pikitch, E.K. (2012). The Global Contribution of Forage Fish to Marine Fisheries Value. 142nd Annual Meeting of the American Fisheries Society, St. Paul, MN, USA. August 19-23rd. (Symposium Keynote presentation)
- Rountos, K.J.** (2011). Global contributions of Forage Fish to World Fisheries and Ecosystems. American Fisheries Society 141st Annual Meeting of the American Fisheries Society, Seattle, WA, USA, September 4th-8th. (Invited Symposium presentation)

CONTRIBUTED CONFERENCE PRESENTATIONS:

- Candia, J.³, Gobler, C.J., and **Rountos, K.J.** (2024). Ontogenetic Effects of Harmful Algal Blooms and Ocean Acidification on *Artemia* spp. Winter Meeting, Southern New England Chapter (SNEC) of the American Fisheries Society, Storrs, CT, USA. January 09th. (Poster presentation) ³*SJNY student researcher*
- Anetrella, C.³ and **Rountos, K.J.** (2023). Lethal and Sublethal Effects of Polyethylene Terephthalate (PET) Microplastics (MPs) on Grass Shrimp (*Palaemonetes pugio*). 2023 New York Chapter of the American Fisheries Society Annual Meeting, Stony Brook University, Stony Brook, NY. February 08-10th. (Oral presentation) ³*SJNY student researcher*
- DeFina, J.³ and **Rountos, K.J.** (2023). Assessment of Microplastics in the Eastern Oyster (*Crassostrea virginica*). 2023 New York Chapter of the American Fisheries Society Annual Meeting, Stony Brook University, Stony Brook, NY. February 08-10th. (Oral presentation) ³*SJNY student researcher*

- Rountos, K.J.** (2022). Avoidance behavior of reproductive sheepshead minnows *Cyprinodon variegatus*) to CO₂-enriched seawater. 2022 New York Chapter of the American Fisheries Society Annual Meeting, Online (Whoova). March 09-11th. (Oral presentation)
- Minder, M.³ and **Rountos, K.J.** (2022). First Examination of Microplastics in the Bivalve, *Crassostrea virginica*, from Long Island, NY. 2022 New York Chapter of the American Fisheries Society Annual Meeting, Online (Whoova). March 09-11th. (Oral presentation) ³*SJNY student researcher*
- Colombo, I.³ and **Rountos, K.J.** (2022). Baseline assessment of microplastics in beach sediments of Long Island, NY. 2022 New York Chapter of the American Fisheries Society Annual Meeting, Online (Whoova). March 09-11th. (Oral presentation) ³*SJNY student researcher*
- Pascucci, D.³ and **Rountos, K.J.** (2020). Impacts to the Feeding Behavior of Larval Sheepshead Minnow Exposed to the Harmful Dinoflagellate *Cochlodinium polykrikoides*. Winter Meeting, Southern New England Chapter (SNEC) of the American Fisheries Society, Cambridge, MA, USA. January 12-14th. (Oral presentation) ³*SJNY student researcher*
- Rountos, K.J.**, Kim, J., Hattenrath, T., Gobler, C.J. (2017). Unseen Fish Kills? Examining the Effects of Harmful Algal Blooms on Early Life Stages of Estuarine Fish. American Fisheries Society 147th Annual Meeting of the American Fisheries Society, Tampa Bay, FL, USA, August 20th-24th. (Oral presentation)
- Rountos, K.J.** (2015). Back to the Basics: Defining Forage Species to Prevent a Management Crisis. American Fisheries Society 145th Annual Meeting of the American Fisheries Society, Portland, OR, USA, August 16th-20th. (Poster presentation)
- Gownaris, N., **Rountos, K.J.**, Pikitch, E.K., Kolding, J., Kaufman, L. (2015). Water Level Fluctuations and the Ecosystem Functioning of African Lakes. American Fisheries Society 145th Annual Meeting of the American Fisheries Society, Portland, OR, USA, August 16th-20th. (Oral presentation)
- Rountos, K.J.**⁴, Gobler, C.J., Pikitch, E.K. (2014). First evidence of behavioral toxicity to estuarine forage fish from exposure to the harmful dinoflagellate, *Cochlodinium polykrikoides*. Annual Meeting of the New York Chapter of American Fisheries Society, Geneva, NY, USA. February 5-7th. (Oral presentation) ⁴*Awarded Best Student Presentation Prize (\$150)*
- Rountos, K.J.** (2014). The relative importance of forage fishes to marine predators revealed through a synthesis of predator trophic habits in fished ecosystems. 5th Annual SoMAS Proceedings in Marine and Atmospheric Sciences Graduate Student Symposium, Stony Brook, NY, USA. January 24th. (Oral presentation)
- Rountos, K.J.**, Frisk, M.G., Pikitch, E.K. (2013). Building on the relative importance of marine forage species to fisheries and predators globally: examining trophic similarities and dissimilarities in marine ecosystems. 2013 ICES Annual Science Conference, Reykjavik, Iceland. September 23rd-27th. (Poster presentation)
- Rountos, K.J.**⁵, Tang, Y.Z., Gobler, C.J., Pikitch, E.K. (2013). The Effects of Harmful Algal Blooms On Early Life Stages of Estuarine Forage Fish. 143rd Meeting of the American Fisheries Society, Little Rock, Arkansas, USA. September 8th-12th. (Oral presentation) ⁵*Awarded Best Student Presentation Prize in a Fish Habitat Section sponsored symposium (\$100)*
- Rountos, K.J.**, Broms, K., Pikitch, E.K. (2013). Insights from a Bay On the Brink. 143rd Meeting of the American Fisheries Society, Little Rock, Arkansas, USA. September 8th-12th. (Poster presentation)

- Rountos, K.J.** and Pikitch, E.K. (2013). Restoring Shinnecock Bay, a tale of two sides of an important New York Bay. Annual Meeting of the New York Chapter of American Fisheries Society, Watertown, NY, USA. January 30th-February 1st. (Oral presentation)
- Rountos, K.J.** (2012). Global contribution of Forage Fish to Marine Ecosystems and Fisheries. 3rd Annual SoMAS Proceedings in Marine and Atmospheric Sciences Graduate Student Symposium, Stony Brook, NY, USA. January 20th. (Oral presentation)
- Rountos, K.J.** (2012). Reuse for Research: An initiative for turning a Restaurant's trash into a Scientist's treasure - Can it work at Stony Brook University and beyond? 3rd Annual SoMAS Proceedings in Marine and Atmospheric Sciences Graduate Student Symposium, Stony Brook, New York, USA. January 20th. (Oral Presentation)
- Rountos, K.J.**, T.E., Essington, C.M. Santora, E.K. Pikitch. (2011). Global contributions of Forage Fish to Fisheries and Ecosystems. Student Conference on Conservation Science New York (SCCS-NY), New York City, USA, October 12th-14th. (Oral Presentation)
- Essington, T.E., E.K. Pikitch, C.M. Santora, and **K.J. Rountos**. (2010). Accounting for dependencies of seabirds on forage fish in fisheries management. 1st World Seabird Conference, Victoria, Canada, September 7th – 11th. (Oral presentation)
- Rountos, K.J.** (2010). Global meta-analysis of the economic and ecological importance of forage fish. 3rd Meeting of the Lenfest Forage Fish Task Force, Paracas, Peru, May 23rd-28th. (Oral presentation)
- Rountos, K.J.**⁶, B.J. Peterson, and I. Karakassis. (2010). Negative effects of coastal fish farms on adjacent seagrass meadows: A study in the Eastern Mediterranean Sea. 1st Annual SoMAS Proceedings in Marine and Atmospheric Sciences Graduate Student Symposium, SoMAS, Stony Brook, New York, January 21st. (Oral presentation)
- ⁶*Awarded Best Graduate Student Presentation* (\$75)
- Rountos, K.J.** March (2008). Discovering a New Place: Aquaculture in Greece. Fulbright U.S. Student Grantee Newsletter. Issue 6, Fulbright Program for U.S. Students. (Online publication)
- Rountos, K.J.** (2008). Υπάρχουν δάση μέσα στη θάλασσα? (Are there forests in the sea?). Presented over 10 hour-long lectures to elementary school children throughout Greece in Greek and English languages on the importance of protecting coastal ecosystems. (Oral presentation)
- Rountos, K.J.** (2008). Researching the forests of the sea? Seminar on topics and careers in ecology for high school students. Agia Sophia, Crete, Greece. (Oral presentation)
- Rountos, K.J.**, and B.J. Peterson. (2007). Approaches in evaluating the effects of sulfide toxicity among other multiple stressors in eelgrass meadows in Great South Bay, NY. Benthic Ecology Meeting, Atlanta, GA. March 2007 (Poster presentation)
- Rountos, K.J.** (2006). Knowing the Seafood you Serve. Connecticut Pan-Gregorian Enterprise Monthly Meeting, New Haven, CT. October 2006. (Oral presentation)
- Rountos, K.J.**, M.L. Judge, I. Visviki, J.D. Mahony, C.O'Mara and T. Loor. (2005). Chronic Toxicity of Arsenate on Life History Parameters of *Leptocheirus plumulosus*. Benthic Ecology Meeting, Williamsburg, VA. April 2005. (Poster presentation)
- Kolade, O., J. Balderama, and **K.J. Rountos**. (2004). Exploration of Cannibalism in *Leptocheirus plumulosus* Juveniles. Eastern Colleges Conference Science Conference April 2004. (Oral presentation)

LIBERAL ARTS COLLOQUIUM PRESENTATIONS:

- Rountos, K.J.** (2020). Progress in Understanding the Effects of Harmful Algal Blooms on Early Life Stages of Fish. Presentation of research from 2019 Faculty Summer Research Grant. Liberal Arts Colloquium, St. Joseph's College, Patchogue, NY, USA. February 13, 2020. (Oral presentation)
- Rountos, K.J.** (2019). Ecosystem effects of local harmful algal blooms – getting below the surface. Liberal Arts Colloquium, St. Joseph's College, Patchogue, NY, USA. February 21, 2019. (Oral presentation)
- Rountos, K.J.** (2016). For the Love of Sustainable Seafood. Liberal Arts Colloquium, St. Joseph's College, Patchogue, NY, USA. October 20th. (Oral presentation)

PROFESSIONAL MEMBERSHIPS:

American Fisheries Society , (http://fisheries.org/)	2011 - present
- Northeastern Division , (https://ned.fisheries.org/)	2017 – present
- Estuaries Section , (http://estuaries.fisheries.org/)	2013 – present
- Fish Habitat Section , (https://habitat.fisheries.org/)	2012 – present
- Marine Fisheries Section , (https://mfs.fisheries.org/)	2012 – present
- New York Chapter , (http://newyorkafs.org/)	2013 - present

CERTIFICATIONS:

New York State Boating Safety Certificate	2006
Research SCUBA Diving (PADI Rescue Diver, Enriched Air Diver)	2002