### Michael Finiguerra

University of Connecticut Avery Point; Office: 860-405-9082, ACD 102

Michael.finiguerra@uconn.edu;<http://finiguerra.eeb.uconn.edu> (not up-to-date)

###

(**Please Note**: I legally changed my name from Michael Pagano in spring 2007)

**Professional Experience:**

Associate Professor in Residence Fall 2019- current

Assistant Professor in Residence Fall 2014- 2019

Ecology and Evolutionary Biology Department

Joint Appointment: Department of Marine Sciences

University of Connecticut-Avery Point Campus

Avery Point Mentoring Coordinator Spring 2021-current

Mentoring program for Avery Point undergraduates

Faculty Affiliate (formerly called Assistant Director) Fall 2017-current

Center for Excellence in Teaching and Learning

University of Connecticut

Mystic Aquarium-University of Connecticut Summer 2017-2023

Research Experiences for Undergraduates Program (REU)

National Science Foundation funded

Co-Director of Program; PI from UConn

Sacred Heart University Spring 2013-Spring 2014

Adjunct Professor-Biology Department; Fairfield, CT

Post-Doctoral Researcher Fall 2013-Summer 2014

Dr. HG Dam Laboratory

University of Connecticut-Department of Marine Sciences; Groton, CT

**Education:**

University of Connecticut, CT Fall 2007- Summer 2013

 Ph.D. -Oceanography, GPA 3.92

 Title: “Determining the Role of a Novel Sodium Channel Mutation on Tolerance to Paralytic Shellfish Toxins in the Marine Copepod *Acartia hudsonica”*

 Thesis Advisor- Dr. Hans G Dam; Department of Marine Sciences

Stony Brook University, NY Fall 2004-Spring 2007

 M.S. – Marine and Atmospheric Sciences, GPA 3.53

Title: “Effect of dissolved seawater components and exposures to non-receptive bacterial cells on virion decay”

 Thesis Advisor- Dr. Gordon T. Taylor; School of Marine and Atmospheric Sciences

State University of New York at Geneseo Fall 2000-Spring 2004

 B.S. Biology; Minor: Chemistry, GPA 3.1

 Academic and Research Advisor/Mentor: Dr. Isidro Bosch

Research Experiences for Undergraduates, Student Participant Summer 2002

Title: “Sediment geochemistry of New York, USA, and Venice, Italy, marshes-Accumulation rates and trace metal profiles.”

 Advisor: Dr. Kirk Cochran and Dr. Pere Masque; Stony Brook University

**Research Funding:**

**Submitted & Pending:**

**Funded:**

**Finiguerra, M.,** Redden, J. (PIs); $ 21,430

Audette, D., Cooler, J., Divino, J., Herrick, S., Kline, E., Kraemer, C., Santoferrara, L., Spurling, C., Trumbo, S., (Co-PIs)

UCONN College of Liberal Arts and Sciences (Fall 2021-Spring 2022)

Title: UConn **FIRST** in Biology: **F**ostering **I**deal **R**egional **S**tudent **T**ransitions in **B**iology

Scanlon, E. (PI), Kleinman, J. (Co-PI)**, Finiguerra, M (Co-PI)**. $8,000

UCONN College of Liberal Arts and Sciences (Oct. 4, 2021)

Title: Avery Point STEM Faculty Learning Community about Disability

Dam, H. (PI), **Finiguerra, M**. (Co-PI) $150,000

Connecticut Sea Grant;  R/OA-3  2/1/2022 to 1/31/2024

Title: Copepod Adaptation to Climate Change: No Free Lunch?

Romano, T (PI- Mystic Aquarium), **Finiguerra, M. (Co-PI)** $419, 831

National Science Foundation: Research Experience for Undergraduates (REU); Biological and Biological Oceanography Directorate **(Renewal Site award;** **I am PI from UConn**) 2021-2023\*

Title: REU Site Mystic Aquarium: Collaborative Research: Plankton to Whales: Consequences of Global Change within Marine Ecosystems”

(\*start date pushed back one year due to Covid-19)

Romano, T (PI- Mystic Aquarium), **Finiguerra, M. (Co-PI)** $283,000

National Science Foundation: Research Experience for Undergraduates (REU); Biological and Biological Oceanography Directorate **(New Site award;** **I am PI from UConn**) 2017-2019

Title: REU Site Mystic Aquarium: Collaborative Research: Investigating the Consequences of Global Change on Marine Animals and their Ecosystems”

**Finiguerra, M. (PI),** Gabriel, R. (Co-PI) $149, 905

Connecticut Sea Grant 2016-2018 Ominibus; 02/01/2016-01/31/2018;

Title: “Integrating research and practice in promoting coastal literacy in high school classrooms: A collaborative approach among teachers, education researchers, and coastal scientists”

Dam, HG (PI), **Finiguerra, M. (Co-PI),** Baumann, H. (Co-PI) $149,969

Connecticut Sea Grant 2016-2018 Omnibus; 02/01/2016-01/31/2018”; Title: “Predicting the Performance of the Copepod *Acartia tonsa* under future conditions of temperature and CO2”

Dam, HG (PI), **Finiguerra, M. (Co-PI),** Baumann, H. (Co-PI),

Pespenni, M. (Co-PI; UVM) $509, 684

National Science Foundation/OCE; 03/01/2016-02/28/2019;

Title: “Collaborative research: Transgenerational phenotypic and genomic responses of marine copepods to the interactive effects of temperature and CO2”

Dam, HG, and **Finiguerra, M**.\* $ 128,732

CT Sea Grant: February 2014- January 2016

Title: “The Effect of Timing and Duration of Climatic Heat Waves in Long Island Sound to a Zooplankton Population.”

\*Lead Author; Post-Docs at UConn cannot be PI

Dam, H.G., **Finiguerra, M**.\*, Avery, D.E., Lin, S., Anderson, P.,

NSF- Integrative Organismal Systems 3/10-3/13 $ 571,876

Title: “Collaborative Research: Costs and Advantages of a Novel Sodium Channel Mutation in Copepods” \*Co-Author of proposal; UConn graduate students cannot be Co-PI

# Teaching Experience and Advising:

**Advisees UConn:**

Official:25-30 (any given academic semester)

Unofficial:10-15 (in addition)

**Courses:**

UNIV 3895 Climate Crisis Pop-up: Student engagement coordinator (1cr.)

EEB 2100E**\***: Global Change Ecology (3 cr.)

EEB 2245: Evolutionary Biology (3 cr.)

EEB 2244: General Ecology (3 cr.)

EEB 2202: Evolution and Human Diversity (3 cr.)

MCB 2410: Genetics (3 cr.)

BIOL 1107: Principles of Biology I (4 cr.)

BIOL 1108: Principles of Biology II (4 cr.)

EEB 3899: Independent Study (1-3 cr.)

EEB 3895**\***: Special Topics-Trophic Ecology (3 cr.)

EEB 3894: Undergraduate Senior Seminar in Ecology (2 cr.)

EEB3891: Internship in Ecology (1-3 cr.)

UNIV 1820: Careers in Life Sciences (1 cr.)

GRAD 6002: Reflections on Teaching (3 cr.)

MAR4010/5010- Biological Oceanography (1/3 team taught; 2012 as graduate student)

**\* New courses I developed/co-developed**

**Service to the Profession:**

**University:**

Provost’s Representative Strategic Planning Committee Spring 2021-

Student Welfare Committee Spring 2021-

Academic Misconduct Committee-Faculty Representative Spring 2021-

Harriot Fellowship committee Spring 2019

**College of Liberal Arts and Sciences**

BIOL 1107 Planning Committee Spring 2019

**Ecology and Evolutionary Biology Department:**

Undergrad Committee Fall 2016- Present

Diversity, Equity, and Inclusions Committee Fall 2021-

C&C Committee Fall 2021-

EEB APiR hiring committee 2017, 2021

Non-Tenure Track promotion Committee Spring/Summer 2020

NTT promotion committee planning Fall 2018

Faculty retreat planning committee Spring 2018

W Course Working Group Spring 2017

Ecology Curriculum Committee Spring 2015

**Avery Point Campus:**

Diversity, Equity, and Inclusion Committee Spring 2021-Present

Avery Point Dismissal Committee Spring 2017-Present

Senior Recognition Ceremony Spring 2020, 2021

Campus Curriculum Coordinating Committee:

**Chair** Fall 2016- 2018

 Member Fall 2014-Present

Avery Point Student Excellence Awards Committee Spring 2017-Present

Avery Point Search Committee Summer 2017

 Director of Academic Services

Avery Point Retention Committee & Task Force Fall 2016- 2017

Avery Point Faculty Assembly; vice-chair Fall 2016- 2017

**Mentoring:**

UConn Avery Point new in-Residence faculty mentoring program

 Initiator; two personal mentees Fall 2020- current

UConn Connects Mentor: 1-2 students per semester Spring 2017-current

High School Senior thesis: Tessa Rock Spring 2018

Associate Advisor- Ph.D. Committee- Mr. J. DeMayo Fall 2017-current

EEB 3891 Internship in Ecology Spring 2018-one student

EEB 3899 Independent Study: (1-2 students per semester) Fall 2015- current

Undergraduate Research Assistants: **10** Summer 2008-Fall 2014

Middle School Science Teacher: **1** Summer 2014

High School Students- experience in lab: **2** Fall 2011

**Teaching and Outreach Awards and Nominations:**

UConn College of Liberal Arts and Science Faculty award Spring 2020

 Excellence in Teaching

UConn AAUP Excellence in Teaching Early Career

 CT State Assembly Official Citation for teaching Spring 2019

UConn Avery Point

Excellence in Student Engagement and Support Spring 2018, 2019, 2020

Excellence in Advising Spring 2017

Excellence in Teaching Spring 2016

New London Day Newspaper: Front Page feature on teaching October 16, 2016

CT SeaGrant Marine Educational Outreach Fellow 2009-2010

Herman Forest Gaia Award Spring 2004

Nominations and Finalists: *Nominated by peers or former students*

UCONN AAUP Excellence in Teaching Early Career Spring 2018

UConn CETL Innovation in Teaching Award Nominee 2016

UConn AAUP Innovation in Teaching Award Nominee 2016

Mentorships Excellence Award, UConn: Nomination 2015, 2016, 2017, 2020

Provost’s Commission on Public Engagement-Finalist Fall 2010

 1of only 3 UConn Graduate Student Finalists

**Scientific and Pedagogy Outreach Activities:**

***During Faculty APiR Appointment:***

Avery Point annual undergraduate student symposium:

 Poster symposium: co-creator Each Spring, since 2015

 Oral symposium: creator Each Fall, since 2015

UConn Visioning Day Facilitator Fall 2020

UConn CLAS in-Residence Mentoring- workshop leader Fall 2020

UConn Avery Point Cooking Wars participant & winner Spring 2021

UConn Wellness workshop- invited moderator Fall 2021

UConn CETL New TA Orientation- invited panel Semesterly, since Fall 2019

UConn-Avery Point: Orientation Advisor (2-5 sessions ea.) Summers 2015-2019

UConn CETL Undergrad Assessment workshop presenter Semesterly-Fall 2016-2018

UConn CETL GRAD 6002, Panel Member- Three panels Spring 2019

UConn: CETL reviewer for award nominations Spring 2018

UConn Counselor’s Breakfast at Avery Point

 Invited faculty representative for campus Spring 2018, 2019

UConn Avery Point Accepted Student Orientation

 Faculty representative; students present poster Spring 2015, 2016, 2019

Connecticut College Invited Seminar speaker Fall 2018

Blackboard Ultra Pilot Study, participant Fall 2018

UConn Post-Doc Data Blitz: Judge Fall 2018

Story Collider 3-day workshop on science teaching, participant Summer 2018

Marine Science Day-

Exposing elementary school students to marine science

 “Meet the Plankton” 2-4 sessions ea. year May 2008-2019

Voting Member; appointed- Town of Stonington, CT Fall 2017- present

 Wetlands and Inlands Watercourse Commission

UConn-MARN professional development course-invited speaker Spring 2018

National Ocean Sciences Bowl-local and national competitions

Head Rules Judge 2014-present (ea. year)

Rules Judge 2008(2), 2009

Timekeeper 2007, 2011

Undergraduate Student Club advisor-

Life Sciences Club Fall 2015

Gardening Club Fall 2018

American Institutes for Research

 Reviewer for Next Generation Science Standards questions Spring 2017, 2018

UConn Avery Point Orientation Leadership Workshop Summer 2016, 2018

UConn President’s symposium on mental health Spring 2017

 in college students

Deans Mill Elementary School, Stonington, CT

 Science and Technology Day- 4 sessions; 80 students total Spring 2016, 2018

CT Sea Grant Research Panel Member Fall 2016

UConn New Faculty Panel Member- Storrs Summer 2017

UConn: Graduate Certificate in Teaching Spring 2016- current

 Workshop leader: Undergraduate Assessments; two sessions

 Graduate TA Orientation workshop (three sessions)

UConn Center for Excellence in Teaching and Learning Spring 2017, Fall 2018

 Innovation in Teaching Series: Invited speaker

UConn- New Faculty Orientation panel member Fall 2015

UConn-Avery Point: UConn Reads regional chapter Spring 2015

UConn-Avery Point Global Café and Institute for Learning Fall 2014-current

UConn Avery Point Faculty Workshop Series

 SMART technology in the classroom Fall 2015

 Ditch the Final Exam (Two session) Spring 2016

Association of College and University Educators

 Effective Teaching Practices UConn Pilot Study Summer 2016

UConn New Faculty Orientation invited speaker Fall 2015

UConn Avery Point Welcome Tent Fall 2015

Invited Speaker- UConn Global Café: “Heat Waves” Fall 2014

***Prior to Faculty APiR Appointment:***

Academic Fair Judge, Sacred Heart University Spring 2014

Invited Presentation: Green Falls Academy high school, CT Fall 2013

Taste Touch and Smell of Science-

Marine science program aimed at under-privileged and minority students.

 Program Organizer Fall 2010, 2012, 2014, 2015

 Volunteer Summer 2008, 2009

Focus Group: University Public Outreach (invited participant) Fall 2010

Educational Outreach Website Developer Spring 2010

Career Fair Workshop- Marine Sciences Summer 2010

4-H 2010 CT Teen Connection Conference, Passport to Success Summer 2010

Career Day- Northeast Academy Math and Science Day Spring 2010

Naugatuck Valley Community College outreach seminar Spring 2010

# Scientific Publications:

Dam, H.G., deMayo, J.A., Park, G., Norton, L., He, Xuejia, H., **Finiguerra, M.**, Baumann, H., Brennan, R., Pespeni, M. Rapid, but limited, zooplankton adaptation to simultaneous warming and acidification. Nature Climate Change 11**,**780–786 (2021). <https://doi.org/10.1038/s41558-021-01131-5>

 **UConn Today Article:** <https://today.uconn.edu/2021/08/for-copepods-there-is-no-free-lunch-when-coping-with-climate-change/>

Kremer, C.T., Williams, A.K., **Finiguerra, M.,** Fong, A.A., Kellerman, A., Paver, S.F., Tolar, B.B. and Toscano, B.J., 2017. Realizing the potential of trait‐based aquatic ecology: New tools and collaborative approaches. Limnology and Oceanography.

Hundey, E.J., Olker, J.H., Carreira, C., Daigle, R.M., Elgin, A.K., **Finiguerra, M.,** Gownaris, N.J., Hayes, N., Heffner, L., Roxanna Razavi, N. and Shirey, P.D., 2016. A Shifting Tide: Recommendations for Incorporating Science Communication into Graduate Training. Limnology and Oceanography Bulletin, 25(4), pp.109-116.

Coble, Ashley A., Rebecca G. Asch, Sara Rivero‐Calle, Sarah M. Heerhartz, Johnna M. Holding, Colin T. Kremer, **Michael Finiguerra**, and Kristin E. Strock. 2016 Climate Is Variable, but Is Our Science? Limnology and Oceanography Bulletin 25 (3) pp 71-76 10.1002/lob.10115

**Finiguerra, M.**, Avery, DE., Dam, HG. 2015 Advantages, Costs, and Trade-Offs of a Novel Sodium Channel Mutation in the Copepod *Acartia hudsonica* to Paralytic Shellfish Toxins. PLoS One June 15, doi 10.1371

Chen, L., Zhang, H., **Finiguerra, M**., Anderson, P., Bobkov, Y., Avery, DE., Bouchard, C., Lin, S., Dam, HG. 2015 NA novel mutation from gene splicing of a voltage-gated sodium channel in a marine copepod and its potential effect on channel function. Journal of Experimental Marine Biology & Ecology, vol. 469, 131-142

**Finiguerra, M.**, Avery, DE., Dam, HG. No evidence for induction and selection of mutant sodium channel expression in the copepod *Acartia husdsonica* challenged with the toxic dinoflagellate *Alexandrium fundyense*. 2014 Ecology and Evolution 4(17): 3470-3481 *Open Access*

# Finiguerra, M., Avery, DE., Dam, HG. Sodium channel expression in the copepod *Acartia hudsonica* as a function of exposure to paralytic shellfish toxin (PST). 2014 Harmful Algae 39: 75-80

**Finiguerra M.,** Avery D.E., Dam H.G. 2013 Sex Specific tolerance to starvation in the copepod *Acartia tonsa*. Journal of Experimental Marine Biology and Ecology 446: 17-21.

# Hammerschmidt, C., Finiguerra, M., Weller, R., Fitzgerald, W., 2013 Methylmercury Accumulation in Plankton on the Continental Margin of the Northwest Atlantic Ocean. Environmental Science and Technology 47: 3671-3677.

Zhang, H., **Finiguerra**, **M.**, Dam, H.G., Huang, Y., Liu, G., Lin, S. 2013 An improved method for achieving high-quality RNA for copepod gene transcriptomic studies. Journal of Experimental Marine Biology and Ecology 446: 57-66.

**Finiguerra, M**., Escribano, DE, Taylor GT. 2011 Light-Independent Mechanisms of Virion Inactivation in Coastal Marine Systems. Hydrobiologia 665:51-66

Bosch, I., J.C. Makarewicz, T. W. Lewis, E. A. Bonk, **M. Finiguerra** and B. Groveman.  2009. Management of agricultural practices results in declines of filamentous algae in the lake littoral. Journal of Great Lakes Research: 35 sup.1 pp 90-99.

Theses:

**Finiguerra, M.** 2013 Determining the Role of a Novel Sodium Channel Mutation on Tolerance to Paralytic Shellfish Toxins in the Marine Copepod *Acartia hudsonica*. PhD Thesis. University of Connecticut, 119 pp

**Finiguerra, M**. 2007. Effect of dissolved seawater components and exposures to non-receptive bacterial cells on virion decay. Master’s Thesis. Stony Brook University. 87 pp

***In Review* and *In Prep* Manuscripts:**

Hans G. Dam1, James A. deMayo, Gihong Park, Lydia Norton, Xuejia He, **Michael Finiguerra**, Hannes Baumann, Reid S. Brennan, Melissa H. Pespeni..*in-review* (rebuttal), Nature Climate Change

Sasaki, M., **Finiguerra, M**., Burris, Z., Dam, H.G. Seasonally variable performance curves prevent adverse effects on heatwaves.. *In prep*-Global Change Biology

Reid S. Brennan, James A. deMayo, Hans G. Dam, **Michael Finiguerra**, Hannes Baumann, Melissa H. Pespeni. Loss and recovery of transcriptional plasticity after long-term adaptation to global change conditions in a marine copepod. *In prep*-Molecular Ecology

**Conference Proceedings:**

DeMayo, J.A., Park, G., Norton, L., He, X. **Finiguerra, M.,** Baumann, H., Dam, H.G., 2018 Costs of adaptation to a greenhouse world for the copepod *Acartia tonsa*Ocean Global Change Biology Gordon Research Conference. Waterville valley, NH. Poster

Dam, HG, DeMayo, JA, Park, G., He, X., **Finiguerra, M.,** Baumann, H., Pespeni, M. 2018. Rapid Adaptation of a marine copepod to a greenhouse world. Ocean Global Change Biology Gordon Research Conference. Waterville valley, NH. Poster

DeMayo, J.A., Park, G., Norton, L., Baumann, H., **Finiguerra, M,** He, X., Dam, HG. 2017. Combined Effects of Warming and Acidification on Life-History Traits of the Calanoid Copepod *Acartia tonsa*. Coastal and Estuarine Research Federation Biennial Conference, Providence, RI. (oral presentation)

DeMayo, JA, Park, G., Norton, L., Huffman, W., **Finiguerra, M.,** Baumann, Dam, HG. 2017. Combined Effects of Warming and Acidification on Life-History Traits of the Calanoid Copepod Acartia tonsa. International Conference on Copepoda, Los Angeles, CA. (poster)

Dam, H.G., Cournoyer, B., **Finiguerra, M.**, Avery, D.E.2015 Phenotypic Plasticity and Evolutionary Thermal Adaptation in the copepod genus *Acartia*. Invited oral presentation. ASLO

Dam, H.G., **Finiguerra, M.**, Avery, D.E., Cournoyer, B. 2014 Thermal responses of zooplankton species along a thermal gradient of the eastern USA: Evidence for phenotypic plasticity. Gordon Research Conference: Ocean Global Change Biology

**Finiguerra, M.,** Dam, HG., Avery, DE., Burris, Z.,2013 Sex-specific adult starvation tolerance in the marine copepod *Acartia tonsa*. ASLO aquatic sciences meeting. Oral presentation

**Finiguerra, M.**., Batoh, C.S., Skelton-Flores, H.K., Avery, D.E., Courneyer, B., Dam, H.G. 2011 Mircozooplankton grazing during blooms of the toxic dinoflagellate *Alexandrium sp*. in Long Island Sound. 6th symposium on Harmful Algae. Austin, TX. Oral presentation

**Finiguerra, M.**, Skelton, H., Senft, C., Chen, L., Avery, DE., Dam, HG. 2011 Functional shifts in zooplankton grazing during the progression of a toxic dinoflagellate bloom. ASLO aquatic sciences meeting. San Juan, Puerto Rico. Oral presentation

Weller, R. **Finiguerra, M.,** Fitzgerald, W.F., Hammerschmidt, C. Methylmercury in Plankton on the Continental Margin of the Northwest Atlantic Ocean. International Conference on Mercury as a Global Pollutant. Halifax, Canada. July 2011. Poster presentation

**Pagano, M.B.**, Escribano, D.F., Taylor, G.T. 2006. The Effects of Seawater Constituents on Viral Decay Rates. Winter ASLO Aquatic Sciences Meeting. Oral Presentation

**Pagano, M**. 2004. Digital Quadrat Analysis of Percent Filamentous Algal Cover. Great Lakes Research Consortium Student/Faculty Conference. Syracuse, NY. Oral Presentation

**Pagano, M.**, Beck, A. 2002. Sediment Geochemistry of New York and Venetian Marshes. Research Experience for Undergraduate (REU) Results Presentation to Venetian and American Scientists and Officials. Venice, Italy Oral Presentation

**Attended Conferences:**

Gordon Research Conference: Global Ocean Change Biology. 2018 Waterville Valley, NH

CT Science Teachers Conference, 2016, Hamden, CT

New England Faculty Development Consortium, 2015, Fairfield, CT

National Association of Biology Teachers Professional Development Conference, 2015, Providence Rhode Island

**Scientific Outreach and Pedagogy Communications:**

**Finiguerra, M.,** Avery, D.E., Dam, H.G. Case Study: Testing for Adaptation. February 26, 2018. National Center for Case Study Teaching in Science (peer reviewed)

**Finiguerra, M.,** Avery, D.E., Dam, H.G. Dangerous Aquatic Prey: Can Predators Adapt to Toxic Algae. 2014 Data Nuggets (lesson plans for science teachers), *Open Access*; www.Datanuggets.org

HG Dam & **M Finiguerra** 2013 Science Experts- Toxic Algae; Infestations Documentary. Stornoway Productions. International Release

Dam, H.G., **Finiguerra, M.B.,** Batoh, C.S., Skelton-Flores, H.K. 2012 What controls toxic algae blooms in Long Island Sound? Wracklines (CT Sea Grant publication) vol. 11,2: 9-13

**Finiguerra, M.** Payne, D., Dam, HG, Avery, DE. 2010 Predators and Dangerous Prey:Plankton, Toxins and Evolution. 1 hour oral presentation workshop at National Science Teachers Association Conference. Philadelphia, PA.

**Manuscript and Grant Reviewer:**

Review Board, National Science Foundation Research Experiences for Undergraduate grants (2020, 2021)

Aquatic Toxicology

Harmful Algae

Journal of Experimental Marine Biology and Ecology

Journal of Plankton Research

Public Library of Science (PLoS One)

Ocean and Coastal Management

United Kingdom National Research Council Large Grants Office

National Science Foundation CAREER Grant, BIO OCE

***Prior to Faculty APiR Appointment***

UConn- Marine Sciences: Social Outreach Director 2008-2012

Avery Point Recreation Committee Fall 2009-present

Graduate Student Council, Marine Sciences Faculty Liaison Spring 2008-2009

Feng Colloquium committee organizer Spring 2008

Graduate Student Organization, Senator Fall 2006-Spring 2007

Student Representative- Biology Department Fall 2002-Spring 2004

President-SUNY Geneseo Ecology Club Fall 2001-Spring 2004

**Scientific Society Memberships:**

Connecticut Science Teachers Association (CSTA)

Connecticut Biology Teachers Association (CBTA)

National Biology Teachers Association (NABT)

Association for the Sciences of Limnology and Oceanography (ASLO)

American Association for Advancement of Science (AAAS)

American Geophysical Union (AGU)

**Competitive Research Fellowship Awards-Graduate Level:**

UConn Marine Sciences Travel Award, $500 Spring 2013

ASLO 2013 Aquatic Sciences Travel Award, $500 Spring 2013

Doctoral Dissertation Fellowship, UConn $ 2,000 Spring 2012

6th HAB Symposium Student Travel Award: $650 Fall 2011

Manasquan River Tuna Club Scholarship, $500 Spring 2010

Pre-doctoral Fellowship: Competitive departmental research proposals

 $ 527 Spring 2013

 $ 2,000 Summer 2012

$ 747 Summer 2011

$ 542 Summer 2010

$ 1,270 Summer 2009

$ 500 Fall 2008

External funding from CT Sea Grant at the Department of Marine Sciences for

 Taste, Touch and Smell of Science day camp; $750 Fall 2010, 2012

Center for Environmental Science and Engineering, $7,842 Spring 2009

**Previous Teaching Experience:**

***Sacred Heart University:***

Instructor: BIO 111- Introductory Biology, Lab Spring 2014

Instructor: BIO 111-Introductory Biology, Discussion (2 sections) Fall 2013

Instructor: BIO 112-Introductory Biology, Discussion Spring 2013

**Stony Brook University:**

Lecturer: MAR 502-Biological Oceanography Fall 2006

Laboratory Instructor: Biology 203 Spring 2005

Laboratory Instructor: Biology 151 (2 sections) Fall 2004

**SUNY Geneseo:**

Teaching Assistant- Biology 241: Invertebrate Laboratory Spring 2004

Teaching Assistant/Tutor-Biology 203: Principles of Ecology Spring 2004

Undergraduate Laboratory Instructor: Biology 104 Spring 2004

Teaching Assistant- Biology 303: Community Ecology Fall 2003

Undergraduate Laboratory Instructor: Biology 118 Fall 2002, Fall 2003

Vivarium-Biology Department: Senior Curator Fall 2002-Spring 2004

**Professional References:**

Dr. Pam Diggle; UConn EEB Head; pamela.diggle@uconn.edu

Dr. Tracy Romano; Chief Scientist Mystic Aquarium; tromano@mysticquarium.org

Dr. Hans G Dam; Professor UConn Marine Sciences hans.dam@uconn.edu

Dr. Jamie Kleinman; Associate Professor Residence Psychology; Jamie.kleinman@uconn.edu