

Curriculum Vitae

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EDUCATION

B.S. (Cum Laude) Biology (1972-1976) - Nasson College

M.S. Biology (1979-1980) - University of Bridgeport

Ph.D. Ecology and Evolutionary Biology (2012) – University of Connecticut

PROFESSIONAL EMPLOYMENT

1985 - Present *Fishery Biologist* (Research), NMFS, Milford Laboratory, Milford CT

2008 - Present Adjunct Professor, Housatonic Community College, Bridgeport, CT

2003 Teaching Assistant, University of Connecticut, Fish Biology, Storrs, CT

1982 - 1985 *General Biologist*, NMFS Milford Laboratory, Milford CT

1980 - 1982 *Laboratory Technician*, NMFS Milford Laboratory, Milford CT

1979 - 1980 *Teaching Assistant*, University of Bridgeport, Human Anatomy and Physiology, Botany, Bridgeport CT.

1976 – 1979 *Science Instructor*, Henry Abbot Vocational Technical School, Chemistry, Earth Science, Physics and Biology, Danbury, CT

AWARDS

United States Department of Commerce Bronze Medal Award for Superior Federal Service (2007)

(For winter flounder EFH Document and its update)

EDUCATIONAL OUTREACH

Project Periphyton

<http://www.educationconnection.org/student-services/student-enrichment-programs/project-periphyton/>

SEINE (Scientists and Educators Investigating Nearshore Ecosystems)

<http://www.somers.k12.ct.us/~mporter/>

Internships: Mentored over 25 interns from various programs and institutions including the Hutton Junior Fisheries Biologist Program, the U.S. Coast Guard Academy, Southern Connecticut State University, University of Connecticut, Gordon College, University of Bridgeport, Bunnell High School, Staples High School, Woodland Regional High School, and Naugatuck High School.

Notable alumni include:

Regina L. Spallone – Currently a Fisheries Management Specialist at NOAA Headquarters in Silver Springs, MD.

Dr. Linda Auken – Currently a Visiting Assistant Professor at Siena College

PUBLICATIONS

Clark PE, Pereira JJ, Auken LA, Parkins CJ, Vinokur LM (2006) Size-Related Variation in the Diet of Juvenile Tautogs from Long Island Sound. *Transactions of the American Fisheries Society* 135:1361–1370

Goldberg R, Mercaldo-Allen R, Rose J, Clark P, Kuropat C, Meseck S, Pereira J (2012) Effects of hydraulic shellfish dredging on the ecology of a cultivated clam bed. *Aquaculture Environment Interactions* 3:11-21

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- Goldberg R, Pereira J, Clark P (2000a) Strategies for enhancement of natural bay scallop, *Argopecten irradians irradians*, populations; A case study in the Niantic River estuary, Connecticut, USA. *Aquaculture International* 8:139-158
- Goldberg R, Pereira J, Clark P, Faber B (1999) A critical evaluation of strategies for stock enhancement of the bay scallop, *Argopecten irradians*. 12th International Pectinid Workshop
- Goldberg R, Pereira J, Clark P, Faber B, Porter D, Rinek L, Kanter B, Kanter E, Lord W (2000b) Population enhancement efforts for the bay scallop, *Argopecten irradians*, in the Niantic river estuary, Connecticut, USA. *Journal of Shellfish Research* 19:572
- Goldberg R, Phelan B, Pereira J, Hagan S, Clark P, Bejda A, Calabrese A, Studholme A, Able KW (2002) Variability in Habitat Use by Young-of-the-Year Winter Flounder, *Pseudopleuronectes americanus*, in Three Northeastern U.S. Estuaries. *Estuaries* 25:215-226
- Greig R, Pereira JJ (1993) Metal concentrations in American lobster and channeled whelk from two dredge spoil dump sites in Long Island Sound. *Bulletin of Environmental Contamination and Toxicology* 50:626-632
- Greig RA, Schurman S, Pereira J, Naples P (1983) Metals and PCB concentrations in windowpane flounder from Long Island Sound. *Bulletin of Environmental Contamination and Toxicology* 31:257-262
- Hartling RC, Pereira JJ, Kunkel JG (1997) Characterization of a heat-stable fraction of lipovitellin and development of an immunoassay for vitellogenin and yolk protein in winter flounder (*Pleuronectes americanus*). *Journal of Experimental Zoology* 278:156-166
- Hughes JB, Nelson DA, Perry DM, Miller JE, Sennfelder GR, Pereira JJ (1986) Reproductive success of the winter flounder (*Pseudopleuronectes americanus*) in Long Island Sound. *Counc Meet of the Int Counc for the Exploration of the Sea, ICES-CM-1986/E:10*, ICES, p.
- Kapareiko D, Ziskowski J, Robohm R, Calabrese A, Pereira J, Spallone R (1997a) Chitinoclasia prevalence on American lobster (*Homarus americanus*) populations in offshore canyons located near the Deep-Water-Dumpsite 106 (DWD-106). *Journal of Shellfish Research* 16:319-320
- Kapareiko D, Ziskowski J, Robohm R, Calabrese A, Pereira J, Spallone R Chitinoclasia prevalence on American lobster (*Homarus americanus*) populations in offshore canyons located near the Deep-Water-Dumpsite 106 (DWD-106). In.
- Mroccka M, Dinwoodie P, Casanova T, Goldberg R, Pereira J, Clark P, Stiles S, Choromanski J, Schweitzer D, Balcom N (1997) Culture of the bay scallop, *Argopecten irradians*, within a small-boat marina on Long Island Sound (Connecticut). *Journal of Shellfish Research* 16:273
- Mroccka M, Dinwoodie P, Goldberg R, Pereira J, Clark P, Stiles S, Choromanski J, Schweitzer D, Balcom N (1996) Culture of the bay scallop, *Argopecten irradians*, within a small-boat marina on Long Island Sound (Connecticut). *Journal of Shellfish Research* 15:458
- Nelson D, Miller J, Pereira J, Calabrese A (1983) Monitoring water quality at a dredge spoil dump site using oyster larvae. Council Meeting, 1983, of the International Council for the Exploration of the Sea, ICES-CM-1983/E:59, ICES, 9 p.
- Pereira J (2006) Distribution of winter flounder eggs among shallow water habitats in two harbors in Long Island Sound. American Fisheries Society 136th Annual Meeting, Lake Placid, NY
- Pereira J, Clark P, Goldberg R (1999a) Abundance and distribution of juvenile tautog (*Tautoga onitis*) and Cunner (*Tautoglabrus adspersus*) in Morris Cove, New Haven, CT. Schultz E, Calabrese A, Miller JD, Powell C, Simpson D, Studholme A (eds) *The Biology of Tautog and Cunner*, Mystic, CT
- Pereira J, Goldberg R, Clark P, Perry D (1994) Utilization of the Quinnipiac River and New Haven Harbor by winter flounder (*Pleuronectes americanus*) as a spawning area. New Haven Foundation, Final Report, 28 p.
- Pereira J, Kanungo K (1981) Effects of silver on respiration and on ion and water balance in *Neanthes virens*. In: Vernberg F, Calabrese, A, Thurberg, FP, Vernberg, WB (ed). *Proc Pollution and Physiology of Marine Organisms* Academic Press
- Pereira J, Schultz E, Auster PJ (2004a) Density-dependent habitat use in the Gulf of Maine and Georges Bank; or, what do Fretwell and Lucas know about fish anyway? Northeast Ecology and Evolution Conference. University of Connecticut, Storrs, CT (USA)

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- Pereira JJ (1984) Scanning electron microscopy of windowpane flounder gills exposed to mercury or copper. Society of Environmental Toxicology and Chemistry, 5th Annual Meeting, Arlington, VA (USA),
- Pereira JJ (1988) Morphological effects of mercury exposure on windowpane flounder gills as observed by scanning electron microscopy. *Journal of Fish Biology* Vol 33:571-580
- Pereira JJ (2011) Habitat Use in Marine Fish: A Test of Three Current Theories. Ph.D. Dissertation, University of Connecticut,
- Pereira JJ, Auster PJ, Plourde M, Schultz ET (2006) Distribution of winter flounder eggs among shallow water habitats in two harbors in Long Island Sound. SNEC AFS Winter Meeting, Graduate School of Oceanography, University of Rhode Island
- Pereira JJ, Goldberg R, Clark P (2002) Winter Flounder (*Pseudopleuronectes americanus*) Spawning Areas in New Haven Harbor. Flatfish Biology Conference, Westbrook, CT
- Pereira JJ, Goldberg R, Clark P Abundance and distribution of juvenile flatfishes in a near-shore shallow water habitat in New Haven Harbor. In. Proc Flatfish Biology Conference 2004
- Pereira JJ, Goldberg R, Ziskowski JJ, Berrien PL, Morse WW, Johnson DL (1999b) Essential Fish Habitat Source Document: Winter Flounder, *Pseudopleuronectes americanus*, Life History and Habitat Characteristics. NOAA Technical Memorandum, 39 p.
- Pereira JJ, Lewis EJ, Jr., Spallone RL, Sword C (1992a) Bifurcation of gill filaments in winter flounder (*Pleuronectes americanus* Walbaum) from Long Island Sound. *Journal of Fish Biology* Vol 41:327-338
- Pereira JJ, Mercaldo-Allen R, Kuropat C, Luedke D, Sennefelder G (1993a) Effect of cadmium accumulation on serum vitellogenin levels and hepatosomatic and gonadosomatic indices of winter flounder (*Pleuronectes americanus*). *Archives of Environmental Contamination and Toxicology* 24:427-431
- Pereira JJ, Nelson DA, Clark PE, Kuropat CA, Mercaldo-Allen R, Sennefelder G (1993b) Effects of cadmium exposure on reproduction of winter flounder. Second International Symposium on Flatfish Ecology, Netherlands Institute for Sea Research (NIOZ), Texel, the Netherlands
- Pereira JJ, Schultz ET, Auster PJ (2012) Geospatial analysis of habitat use in yellowtail flounder *Limanda ferruginea* on Georges Bank. *Marine Ecology Progress Series* 468:279-290
- Pereira JJ, Ziskowski J, Mercaldo-Allen R, Kuropat C, Luedke D (1992b) Vitellogenin in Winter Flounder (*Pleuronectes americanus*) from Long Island Sound and Boston Harbor. *Estuaries* 15:289-297
- Phelan BA, Goldberg R, Bejda AJ, Pereira J, Hagan S, Clark P, Studholme AL, Calabrese A, Able KW (2000) Estuarine and habitat-related differences in growth rates of young-of-the-year winter flounder (*Pseudopleuronectes americanus*) and tautog (*Tautoga onitis*) in three northeastern US estuaries. *J Exp Mar Biol Ecol* 247:1-28
- Ziskowski J, Mercaldo-Allen R, Pereira JJ, Kuropat C, Goldberg R (2008) The effects of fin rot disease and sampling method on blood chemistry and hematocrit measurements of winter flounder, *Pseudopleuronectes americanus* from New Haven Harbor (1987-1990). *Marine Pollution Bulletin* 56:740-750
- Ziskowski J, Spallone R, Kapareiko D, Robohm R, Calabrese A, Pereira J (1996) Shell disease in American lobster (*Homarus americanus*) in the offshore, northwest-Atlantic region around the 106-Mile Sewage-Sludge Disposal Site. *Journal of Marine Environmental Engineering* 3:247-271
- Ziskowski JJ, Pereira J, Mercaldo-Allen R, Kuropat C (2004) Fin rot in winter flounder from New Haven Harbor, CT: The clinical profile of a Wasting disease. Flatfish Biology Conference Westbrook, CT (USA)