

CURRICULUM VITAE

NIKOLAOS V. SCHIZAS

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Current Positions

2008 - present, Professor, University of Puerto Rico, Mayagüez

2011 – present, Adjunct Professor, Department of Fisheries Oceanography, Univ of Massachusetts Dartmouth

Professional Preparation

2003-2008, Associate Professor, University of Puerto Rico, Mayagüez

1999-2002 DOE/SLOAN Postdoctoral Fellow, Univ of Chicago and Field Museum of Natural History

1999 Ph.D. Biological Sciences, University of South Carolina. Dissertation title: Ecological genetics of a marine copepod inhabiting clean and contaminated intertidal mudflats

1995 M.S. Fisheries, University of Alaska Fairbanks

1991 B.S. Biological Sciences, University of Illinois at Chicago

Funding

2011

Dormancy regulation in space: Genetic Evidence from Copepod Diapause Embryos. PR-NASA Space Grant PI – Schizas)

Nuclear phylogeny of the caridean shrimp genus *Lysmata* Seed Money College of Arts & Sciences (UPRM). (PI – Schizas)

2010

Genetic Diversity of the Caribbean mesophotic coral *Agaricia lamarcki* and its endosymbiont (*Symbiodinium* spp.) Seed Money College of Arts & Sciences (UPRM). (PI – Schizas)

2008

BRC: A New Infrastructure for Invertebrate Biodiversity Research in Puerto Rico. NSF. Franz N (PI), Santos C (Co-PI), NV Schizas (Co-PI)

2007

Multigene phylogeny of the caridean shrimp genus *Lysmata* Seed Money College of Arts & Sciences (UPRM). (PI – Schizas)

2006

Ecology, Integrity & Status of Deep Caribbean Coral Reefs. NOAA (Co-PI with 7 other colleagues from UPRM)

Development of microsatellite DNA markers for the hermatypic corals *Acropora cervicornis* and *A. palmata* and the gorgonian *Plexaura flexuosa*. Seed Money Sea Grant (UPRM), (PI – Schizas NV, Garcia J, Prada C)

2005

Population genetics of *Acropora cervicornis* and *A. palmata* NURP/NCRCF. (PI – Schizas)

2004

The extent of clonality in selected species of hermatypic corals in Puerto Rico. NOAA-CCRI (PI – Schizas)

The population genetic structure of copepods and nematodes associated with mangroves (*Rhizophora mangle*). Research & Development Seed Money (UPRM), (PI – Schizas)

Cellular, mitochondrial and microarray probes as tools for toxicity assessment in the flat tree oyster *Isognomon alatus*. Seed Money Sea Grant (UPRM), (PI – Schizas)

2003

The population genetic structure of meiobenthic taxa inhabiting epibiont algae on Caribbean mangroves. Research Initiation Grant PR-NSF Epscor, (PI – Schizas)

A multi-gene phylogeny of copepods to facilitate comparative study of evolution parasitism. Seed Money College of Arts & Sciences (UPRM). (PI – Schizas)

Research Interests

Molecular evolution of marine invertebrates

Teaching Experience

2004-09 Instructor, DNA data analysis, UPRM

2003-10 Instructor, Systematics of Marine Invertebrates, UPRM

2004-11 Instructor, Biological Oceanography, UPRM

Course Experience, Workshops

Workshop on Comparative Genomics, Cesky Krumlov, Czech Republic, 9 - 21 January, 2011

Recent Advances in Conservation Genetics, Smithsonian Tropical Research Institute, Panama 2009

Statistical Genetics, Raleigh, NC 1997

Workshop on Molecular Evolution, Woods Hole, MA 1996

Services

2008-present Contributor Editor - Aquatic Biology

Reviewer for Aquaculture Research, Marine Ecology Progress Series, Marine Biology, Journal of Experimental Marine Biology and Ecology, Journal of Crustacean Biology, Caribbean Journal of Science, Vie et Milieu, Proceedings of the Biological Society of Washington, Micron, Zoological Studies,

External reviewer for NSF

Advisors

Thomas C. Shirley (MS – Texas A&M)

Bruce C. Coull (Ph.D. Retired- University of South Carolina)

Joseph Quattro (Ph.D. - University of South Carolina)

Richard Hudson (Postdoctoral - University of Chicago)

Students Supervised

Alexandre Jassoud (MS, 2010) – Trans-Atlantic population structure of the common octopus *Octopus vulgaris*
Monica Rojas (MS, 2010) – Molecular population structure of Caribbean ophiurids
Danisse Ruiz-Ramos (MS, 2009) - Caribbean-wide molecular variation in the hydrocoral genus *Millepora*
Hernan Torres-Pratts (PhD 2009) – Molecular ecology of Caribbean benthic species
Joselyd Garcia (MS, 2008)- Genetic variability and fine-scale population structure in the threatened species
Acropora palmata and *A. cervicornis* around Puerto Rico
Carlos Prada (MS, 2007-co-advisor) – Morphological and genetic variation in the octocoral *Plexaura flexuosa*

Current Students

Matt Lucas (Ph.D. candidate) – Population structure of Caribbean mesophotic corals
Martha Ricaurte (PhD – candidate)
Luis Rodriguez Matos (MS candidate)
Daphne Pagan (MS candidate)
Alexandra Galindo (MS candidate)
Mariel Cruz (MS candidate)

Manuscripts Submitted

Hans-U. Dahms, N.V. Schizas. Molecular phylogeny of calanoid copepods from the high Antarctic Weddell Sea.

P Mege, N Schizas, J Garcia Reyes and T Hrbek. Genetic seascape of the endangered Caribbean elkhorn coral, *Acropora palmata*, on the Puerto Rico Shelf

NV Schizas. Misconceptions regarding nuclear mitochondrial pseudogenes (numts)

Publications (All pdf reprints at http://cima.uprm.edu/~n_schizas/)

S Chullasorn, H-U Dahms, K-W Lee, J-S Ki, N Schizas, P Kangtia, HG Park, and J-S Lee (2011) Description of *Tisbe alaskensis* sp. nov. (Crustacea: Copepoda) Combining Structural and Molecular Traits. *Zoological Studies* 50(1): 103-117

H Torres-Pratts, T Lado-Insua, AL Rhyne, L Rodriguez-Matos, NV Schizas (2011). Two distinct, geographically overlapping lineages of the corallimorpharian *Ricordea florida* (Cnidaria: Hexacorallia: Ricordeidae). *Coral Reefs* DOI: 10.1007/s00338-010-0709-z

D Ruiz-Ramos, E Hernandez, NV Schizas (2011). Population status of the long-spined urchin *Diadema antillarum* in Puerto Rico 20 years after a mass mortality event. *Bulletin of Marine Science* 87: 113-127

GC Fiedler, AL Rhyne, R Segawa, T Aotsuka, NV Schizas (2010). The evolution of euhermaphroditism in caridean shrimps: a molecular perspective of sexual systems and systematics. *BMC Evolutionary Biology* 10:297

J Garcia Reyes, NV Schizas (2010). No two reefs are created equal: fine-scale population structure in the threatened coral species *Acropora palmata* and *A. cervicornis*. *Aquatic Biology*. doi: 10.3354/ab00254.

PJ Milligan, EA Stahl, NV Schizas, JT Turner (2010). Phylogeography of the copepod *Acartia hudsonica* in estuaries of the northeastern United States. *Hydrobiologia* doi: 10.1007/s10750-010-0097-y

- AL Rhyne, Dong Zhang, J Lin, NV Schizas (2009). Not any two will do: DNA divergence and interpopulation reproductive compatibility in a simultaneous hermaphroditic shrimp, *Lysemata wurdemanni*. Marine Ecology Progress Series 388:185-195
- H-U. Dahms, S Chullasorn, NV Schizas, P Kangtia, W Anansatitporn, Wan-Xi Yang (2009). Review of naupliar development among Tisbidae (Copepoda: Harpacticoida) with a phylogenetic analysis and naupliar description of *Tisbe thailandensis* from Thailand. Zoological Studies 48(6) 780-796
- H Torres-Pratts, MT Schärer and NV Schizas (2009) Genetic diversity of *Chelonibia caretta*, commensal barnacles of the endangered hawksbill sea turtle *Eretmochelys imbricata* from the Caribbean (Puerto Rico). Journal of the Marine Biological Association of the UK 89:(4) 719-725
- S Chullasorn, H-U Dahms, NV Schizas, P Kangtia (2009). Phylogenetic inferences of *Tisbe* Lilljeborg, 1853 (Copepoda, Harpacticoida) with a new species of *Tisbe thailandensis* from Bangsaen Beach, Thailand. Hydrobiologia 627: 1-17 DOI 10.1007/s10750-009-9711-2
- V Pesic, T Chatterjee, NV Schizas (2008). Marine water mites (Acari: Hydrachnidia: Pontarachnidae) from the Caribbean Sea, with description of one new species. Cahier de Biologie Marine 49(3):253-259.
- C Prada, NV Schizas, PM Yoshioka (2008). Phenotypic plasticity or speciation? A case from a clonal marine organism. BMC Evolutionary Biology 8:47
- H Torres-Pratts, NV Schizas (2007). Meiofaunal colonization of decaying leaves of the red mangrove *Rhizophora mangle*, in southwestern Puerto Rico. Caribbean Journal of Science. 43 (1): 127-137
- Schizas, NV and TC Shirley (2006). *Apolethon hippoperus*, (Copepoda, Harpacticoida)- a new species from southeastern Alaska. Journal of Crustacean Biology 26 (3): 341-354
- H-U Dahms, NV Schizas, TC Shirley (2005). Naupliar evolutionary novelties of *Stenhelia peniculata* (Copepoda, Harpacticoida) from Alaska affirming taxa belonging to different categorical rank. Invertebrate Zoology 2 (1) 1-14
- Staton JL, Taylor BE, Schizas NV, Wetzer R, Glenn TC, Coull BC (2003). Mitochondrial gene diversity of *Skistodiaptomus mississippiensis* in impoundments of the Upper Coastal Plain near Aiken, South Carolina, USA. Archiv für Hydrobiologie 158: 215-231
- Staton JL, Schizas NV, Klosterhaus SL, Griffitt RJ, Chandler GT, Coull BC (2002). Effect of salinity variation and pesticide exposure on an estuarine harpacticoid copepod, *Microarthridion littorale* (Pope), in the southeastern US. Journal of Experimental Marine Biology & Ecology 278: 101-110.
- Schizas NV, Coull BC, Chandler GT, Quattro JM (2002). Sympatry of distinct mitochondrial lineages in a copepod inhabiting estuarine creeks in the southeastern USA. Marine Biology 140: 585-594
- Schizas NV, Chandler GT, Coull BC, Klosterhaus SL, Quattro JM (2001). Differential survival of three mitochondrial lineages in a marine copepod exposed to a mixture of pesticides. Environmental Science and Technology. 35: 535-538
- Steinbachs J, Schizas, NV, JWO Ballard (2001). Efficiencies of genes and accuracy of tree-building methods in recovering a known *Drosophila* genealogy. Pacific Symposium on Biocomputing 6: 606-617
- Staton JL, Schizas NV, Chandler GT, Coull BC, Quattro JM. (2001). Ecotoxicology and Population Genetics: The Emergence of 'Phylogeographic and Evolutionary Ecotoxicology'. Ecotoxicology 10:217-222
- Kovatch CE, Schizas NV, Chandler GT, Coull BC (2000). Tolerance and genetic relatedness of three meiobenthic copepod populations exposed to sediment-associated contaminant mixtures: Role of environmental history. Environmental Chemistry and Toxicology 19: (4) 912-919
- Schizas NV, Street GT, Coull BC, Chandler GT, Quattro JM (1999). Molecular population structure of the benthic copepod *Microarthridion littorale* along the Southeastern and Gulf coasts of the United States. Marine Biology 135: 399-405
- Schizas NV, Street GT, Coull BC, Chandler GT, Quattro JM (1997). An efficient DNA extraction method for small metazoans. Molecular Marine Biology and Biotechnology 6: 381-383
- Chandler, GT, Coull BC, Schizas NV and Donelan, TL (1997). A culture-based assessment of the effects of chlorpyrifos on multiple meiobenthic copepods using microcosms of intact estuarine sediments. Environmental Chemistry and Toxicology 16: 2339-2346

- Schizas, NV and TC Shirley (1996). Seasonal changes in structure of an Alaskan intertidal meiofauna assemblage. *Marine Ecology Progress Series* 133: 115-124
- Schizas, NV and TC Shirley (1994). Autecology of an intertidal Alaskan harpacticoid copepod, *Apolethon* sp. *Hydrobiologia* 292/293: 361-367
- Schizas, NV and TC Shirley (1994). *Acrenhydrosoma maccalli*, (Copepoda, Harpacticoida) a new species from Auke Bay, Alaska. *Crustaceana* 67: 329-340
- Schizas, NV and TC Shirley (1994). *Onychocamptus krusensterni* (Copepoda, Harpacticoida, Laophontidae)- a new species from Krusenstern Lagoon, Alaska. *Crustaceana* 66: 227-239
- Schizas, NV and TC Shirley (1994). *Elapholaophonte decaceros* n gen and n sp (Copepoda, Harpacticoida) from the Philippines. *Journal of the American Microscopical Society* 113: 127-141
- Schizas, NV and TC Shirley (1994). Two new species of *Laophontodes* (Copepoda, Harpacticoida, Ancorabolidae) from McMurdo Sound, Antarctica. *Zoologica Scripta* 23: 205-216
- Shirley, TC, M Carls, JW Fleeger and N Schizas (1993). Meiofaunal recolonization experiment with oiled sediments: major meiofauna taxa. Exxon Valdez Oil Symposium, February 2-5, 1993, Anchorage AK, USA pp 350-353

Departmental Seminars

- Mesophotic coral ecosystems of Puerto Rico and adjacent islands - Spanish Scientific Research Council/Universidad de la Laguna, Tenerife, Spain, November 18, 2011
- Mesophotic coral ecosystems of Puerto Rico and adjacent islands - National and Kapodistrian University of Athens, December 7, 2011
- Sangmyung University, South Korea, June 2010
- University of Massachusetts Dartmouth, February 11, 2005
- University of Puerto Rico, Mayagüez, January 16, 2004
- University of Puerto Rico, Rio Piedras, November 5, 2003
- University of Alabama, Birmingham, July 18, 2003
- Skidway Oceanographic Institute May 13, 2003
- University of Alaska, Anchorage, September 2002
- EPA, Cincinnati, August 13, 2002
- Roosevelt University, Chicago, April 17, 2002
- University of Puerto Rico, Mayagüez, March 13, 2002
- University of North Carolina, Charlotte, March 1, 2002
- Duquesne University, February 19, 2002
- Queens College, February 15, 2002
- Dauphin Island Marine Lab, February 4, 2002
- University of Mississippi, January 7, 2002
- Field Museum of Natural History, Chicago, May 2001

Presentations

2011

- Schizas NV, Lucas M, Smith M, Weil E. Genetic variation of *Symbiodinium* of the coral host *Agaricia lamarcki* between shallow and mesophotic habitats. 35th AMLC meeting, Costa Rica, 23-28 May (talk)
- Schizas NV, Lucas M. Genetic diversity and connectivity of shallow and mesophotic habitats. 35th AMLC meeting, Costa Rica, 23-28 May (poster)

Ramon E Rivera Vicens, M Lucas, E Weil, M Smith, N Schizas. Genetic variation of *Symbiodinium* spp. of the coral host *Agaricia lamarcki* between shallow and mesophotic habitats. Evolution 2011, Norman, Oklahoma June 17 - 21, 2011 (poster)

M Rojas and NV Schizas. Genetic Population Structure of two Brittle Stars (*Ophiocoma echinata* and *Amphipholis squamata*) with Contrasting Life Histories. ASLO 2011, February 13-17, San Juan, PR (talk)

Lucas M, Weil E, Smith M, Schizas N. Genetic variation of *Symbiodinium* spp of the coral host *Agaricia lamarcki* (Scleractinia:Cnidaria) between shallow and mesophotic habitats. ASLO 2011, February 13-17, San Juan, PR (talk)

L Rodriguez Matos, H Torres-Pratts, T Lado Insua, A Rhyne, NV Schizas. Two distinct, geographically overlapping lineages of the corallimorpharian *Ricordea florida* (Cnidaria: Hexacorallia: Ricordeidae). ASLO 2011, February 13-17, San Juan, PR (poster)

NV Schizas, Matt Lucas. Genetic diversity and connectivity of shallow and mesophotic reefs. ASLO 2011, February 13-17, San Juan, PR (poster)

M Ricaurte, N Boukli, N Rivera, N Schizas. Preliminary proteomic analysis of bleached and healthy Caribbean corals. ASLO 2011, February 13-17, San Juan, PR (poster)

2010

NV Schizas, PHC Corgosinho. Preliminary findings on the copepod fauna associated with the Caribbean mesophotic coral ecosystem of Puerto Rico 7th International Crustacean Conference, Qingdao China June 20-25, 2010 (poster)

M Rojas and NV Schizas. Genetic Population Structure of two Brittle Stars (*Ophiocoma echinata* and *Amphipholis squamata*) with Contrasting Life Histories. SICB 2010 Meeting, Seattle WA, January 3-7, 2010 (poster)

2009

GC Fiedler, AL Rhyne, NV Schizas Mitochondrial and nuclear ribosomal phylogeny of the genus *Lysmata* Risso and other selected hippolytid shrimp genera: the evolution of unique sexual patterns in the Hippolytidae. Crustacean Society Summer Meeting, 20-23 September 2009, Tokyo University of Marine Science and Technology, Tokyo, Japan (talk)

NV Schizas. One or two are not enough! A multispecies approach to the analysis of population structure of Caribbean fauna. Association of Marine Laboratories of the Caribbean 34th Scientific Conference, May 25-29, 2009 Roseau, Commonwealth of Dominica (talk)

Mege, P, J García Reyes, N Schizas and T Hrbek: Microsatellite and mitochondrial markers show low genetic structure in the elkhorn coral of Puerto Rico. Association of Marine Laboratories of the Caribbean 34th Scientific Conference, May 25-29, 2009 Roseau, Commonwealth of Dominica (poster)

NV Schizas. One or two are not enough! A multispecies approach to the analysis of population structure of Caribbean fauna Benthic Ecology Meeting 2009, March 4-7, Corpus Cristi, Texas (talk)

H Torres-Pratts and NV Schizas. Phylogeny of the *Mithrax-Mithraculus* (Crustacea: Brachyura: Majidae) crab complex. Benthic Ecology Meeting 2009, March 4-7, Corpus Cristi, Texas (talk)

M Rojas and NV Schizas. Patterns of genetic variability of brittle stars with contrasting life histories. Benthic Ecology Meeting 2009, March 4-7, Corpus Cristi, Texas (talk)

A Rhyne, H Torres-Pratts, Rodriguez L, Insua-Lado T, NV Schizas. Patterns of Genetic Variation of the Corallimopharian *Ricordea florida*. SICB 2009 Meeting, Boston MA, Jan. 3-7, 2009 (talk)

2008

JT Turner, PJ Milligan, EA Stahl and NV Schizas. Phylogeography of the copepod *Acartia hudsonica* in estuaries of the northeastern United States. 10th International Conference on Copepoda (ICOC), Pattaya, Thailand July 13-19. (talk)

D. Ruiz-Ramos, NV Schizas. Genetic variation of the hydrocoral *Millepora alcicornis* across the Caribbean. 11th International Coral Reef Symposium, Fort Lauderdale, FL. July 7-11 (poster).

H Torres-Pratts, Rodriguez L, Insua-Lado T, A Rhyne, NV Schizas. Patterns of Genetic Variation of the Corallimopharian *Ricordea florida*. 11th International Coral Reef Symposium, Fort Lauderdale, FL. July 7-11 (poster)

J Garcia, NV Schizas. Genetic Variability of *Acropora cervicornis* and *A. palmata* in Puerto Rico. 11th International Coral Reef Symposium, Fort Lauderdale, FL, July 7-11 (oral)

C. Prada and NV Schizas. Phylogenetic analysis of the Caribbean genera *Eunicea* and *Plexaura* (Octocorallia). 11th International Coral Reef Symposium, Fort Lauderdale, FL, July 7-11 (oral)

H Torres-Pratts, NV Schizas. Living in sympatry: evidence from genetic lineages of Caribbean marine taxa. Evolution 2008, University of Minnesota Minneapolis, Minnesota, USA June 20-24, 2008 (oral)

Insua-Lado T, H Torres-Pratts, L Rodriguez Matos, A Rhyne, NV Schizas. Patterns Of Genetic Variation Of The Corallimopharian *Ricordea florida* Benthic Ecology Meeting 2008. April 9-13, Providence, RI (oral)

Ruiz-Ramos, DV, Schizas, NV. Is Mona Passage a biogeographic barrier? A hydrocoral's perspective. 2008 Ocean Sciences Meeting, 2-7 March 2008, Orlando, Florida (poster)

Garcia, J. Schizas, NV. Genetic variability of *Acropora cervicornis* and *A. palmata* in Puerto Rico. 2008 Ocean Sciences Meeting, 2-7 March 2008, Orlando, Florida (poster)

2007

Rhyne, AL., Zhang, D., Lin, J. Schizas, NV. Will Any Two Do? Genes and interbreeding studies with *Lysmata wurdemanni*. The Crustacean Society, Coquimbo - Chile 14- 17 October 2007 (poster)

Fiedler, G.C., Rhyne, A.L., Schizas, N.V. Multi-data phylogeny of the caridean genus *Lysmata* The Crustacean Society, Coquimbo - Chile 14- 17 October 2007 (oral)

Ruiz-Ramos, DV, Schizas, NV. Patterns of genetic polymorphism in the fire coral *Millepora*. 33rd Scientific Conference of the Association of Marine Laboratories of the Caribbean . June 4-8, 2007, St. Thomas, US Virgin Islands (oral)

Garcia, J. Schizas, NV. Genetic variability of *Acropora cervicornis* and *A. palmata* in Puerto Rico. 33rd Scientific Conference of the Association of Marine Laboratories of the Caribbean. June 4-8, 2007, St. Thomas, US Virgin Islands (oral)

Rhyne, AL, Zhang, D., Lin, J. Schizas, NV. Any two won't do, genes and interbreeding experiments with *Lysmata wurdemanni*. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (poster)

Ruiz-Ramos, DV, Schizas, NV. Patterns of genetic polymorphism in the firecoral hydrozoan *Millepora*. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (poster)

Schizas, NV, Rhyne, A, Fiedler, C. Multigene phylogeny of the caridean shrimp genus *Lysmata*. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (oral)

Rhyne, AL, Schizas, NV, LIN, J. Revision of western Atlantic, peppermint shrimp, *Lysmata* spp. utilizing morphological and molecular characters. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (oral)

Garcia, J, Schizas, NV. Genetic Variability of *Acropora cervicornis* and *A. palmata* in Puerto Rico. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (oral)

Torres-Pratts, H, AL. Rhyne, NV. Schizas. Distinct mitochondrial lineages in two Caribbean species with vastly different dispersal potential. 2007 Benthic Ecology Meeting, March 21-25, Atlanta, Georgia. (oral)

Rhyne AL, Zhang D, Lin J. NV Schizas Any two won't do, genes and interbreeding experiments with *Lysmata wurdemanni*. SICB 2007 Meeting, Phoenix, AZ, Jan. 3-7, 2007 (poster)

NV Schizas, Rhyne AL, Fiedler C. Multidata phylogeny of the Western Atlantic *Lysmata*. SICB 2007 Meeting, Phoenix, AZ, Jan. 3-7, 2007 (talk)

Rhyne AL, NV Schizas, Lin J. Larval settlement and population ecology of a newly described sponge dwelling peppermint shrimp, *Lysmata pedersenii*. SICB 2007 Meeting, Phoenix, AZ, Jan. 3-7, 2007 (talk)

Prada C, NV Schizas, Yoshioka P Genetic Variation and Phenotypic Plasticity of the Gorgonian *Plexaura flexuosa* in Puerto Rico. SICB 2007 Meeting, Phoenix, AZ, Jan. 3-7, 2007 (talk)

2006

Prada CA, PM Yoshioka, NV Schizas Patterns of phenotypic and genetic variability in the gorgonian *Plexaura flexuosa* Evolution 2006, June 23-27, 2006, Stony Brook University, New York (talk)

NV Schizas & William E. Browne. The genetic population structure of Caribbean populations of the banded coral shrimp *Stenopus hispidus*. SICB Annual Meeting, January 4-8, 2006, Orlando, FL (talk)

2005

NV Schizas & William E. Browne. Genetic divergence between Caribbean and Hawaiian populations of the coral red-banded shrimp *Stenopus hispidus*. Evolution 2005, Fairbanks, Alaska, June 10-14 2005 (talk)

NV Schizas. The population genetic structure of meiobenthic taxa inhabiting Caribbean mangroves. V Congress of the Caribbean Biodiversity, Santo Domingo, Dominican Republic. January 25-28 2005 (talk)

H Torres Pratts & NV Schizas. Succession of meiofaunal taxa on fallen, decaying leaves of red mangroves. V Congress of the Caribbean Biodiversity, Santo Domingo, Dominican Republic. January 25-28 2005 (talk)

2004

NV Schizas. The population genetic structure of meiobenthic taxa inhabiting Caribbean mangroves. TWIMCO (Twelfth International Meiofauna Conference) in Ravenna, Italy, July 11-16 2004 (talk)

NV Schizas & TC Shirley. *Apolethon hippoperus*, (Copepoda, Harpacticoida) - A new species from Southeastern Alaska. TWIMCO (Twelfth International Meiofauna Conference) in Ravenna, Italy, July 11-16 2004 (poster)

2002

NV Schizas, Steinbachs J, JWO Ballard. Efficiencies of Different Genes and Different Tree-Building Methods in Vertebrates and Invertebrates. *Evolution*, June 2002, Urbana, IL (talk)

2000

NV Schizas, Steinbachs J, Swofford D, JWO Ballard. Efficiencies of different genes and different tree-building methods in recovering a known *Drosophila* genealogy. *Evolution* 2000, Bloomington, IN (talk)

N.V. Schizas. The effect of population subdivision on some neutrality tests. *Evolution* 2000, Bloomington, IN (poster)

Before 2000

N.V. Schizas. A computational evaluation of the statistical properties of the neutral theory of molecular evolution. LJIS 1999, La Jolla, CA (poster)

N.V. Schizas, B.C. Coull, G.T. Chandler, J.M. Quattro. Ecological genetics of a marine copepod inhabiting clean and contaminated intertidal mudflats SETAC 20th Annual Meeting, 1999, Philadelphia, PA, USA (talk)

N.V. Schizas, B.C. Coull, G.T. Chandler, J.M. Quattro. Ecological genetics of a benthic copepod inhabiting contaminated and clean sediments. The 1999 Joint Meeting of The Society for the Study of Evolution, The American Society of Naturalists, The Society of Systematic Biologists, 22-26 June 1999 in Madison, Wisconsin USA (talk)

N.V. Schizas, B.C. Coull, G.T. Chandler, J.M. Quattro. Population genetics of a benthic copepod. 28th Annual Benthic Ecology Meeting, March 25 - 28 1999 Baton Rouge, Louisiana (talk)

N.V. Schizas, B.C. Coull, G.T. Chandler, J.M. Quattro. Recent advances on population genetic studies of meiofauna taxa inhabiting contaminated estuaries in southeast US. SETAC 19th Annual Meeting, 1998, Charlotte, NC, USA (talk)

B.C. Coull, G.T. Street, N.V. Schizas, M.A. Gordos, G.T. Chandler, J.M. Quattro. Using genetic variation to detect contaminant effects on meiofauna. Tenth International Meiofauna Conference University of Plymouth (U.K.) 26-30th July 1998

Schizas NV, Chandler TG, Coull BC, G.T. Street, J.M. Quattro. SETAC 18th Annual Meeting, 1997, San Francisco, USA Sediment contaminant effects on genetic diversity on estuarine meiofauna: New techniques and preliminary data. (Poster)

Schizas NV, Chandler TG, Coull BC, Donelan T. Summary of chlorpyrifos effects on estuarine meiobenthos cultured in whole sediment microcosms. SETAC 17th Annual Meeting, 1996, Washington DC, USA (Poster)

Schizas NV, Chandler TG, Coull BC, Donelan T. The effects of sediment toxicants in estuarine meiobenthos contained in whole sediment microcosms. 24th Benthic Ecology Meeting, March 7-10 1996, Columbia, South Carolina (talk)

Schizas NV and TC Shirley. Autecology of an intertidal Alaskan harpacticoid copepod, *Apolethon* sp. 5th International Conference on Copepoda, June 6-11 1993, Baltimore, Maryland (poster)

Schizas NV and TC Shirley. Western Society of Naturalists, 1993, Newport, OR (talk)