CURRICULUM VITAE

NAME: **Judith Payne Grassle**

INSTITUTIONAL ADDRESS: Institute of Marine and Coastal Sciences
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EDUCATION:
B.Sc., University of Queensland, 1958
B.Sc., Hons. (First Class), University of Queensland, 1960
Ph.D., Duke University, 1968
Specialization: Biochemistry, marine invertebrates
Thesis: Heterogeneity of hemocyanins in several species of embryonic, larval, and adult crustaceans

PROFESSIONAL HISTORY:
Research Assistant, 1960-1967, Duke University
Research Associate, 1968-1969, University of Queensland
Research Associate, 1970, Marine Biological Laboratory
Independent Investigator, 1972-1985, Marine Biological Laboratory
Senior Scientist, 1986-1989, Marine Biological Laboratory
Professor, Rutgers University, 1989-present

EDITORIAL ACTIVITIES (CURRENT):
Associate Editor, Aquatic Biology, 2007-present
Associate Editor, Marine Biology, 1986-present
Associate Editor, Estuaries and Coasts, 2000-present

ELECTED OFFICES IN PROFESSIONAL SOCIETIES:
Estuarine Research Federation, Secretary, 1990-1992
AAAS, Secretary, Section G (Biological Sciences), 1985-1993
AAAS, Nominating Committee, Section W (Atmospheric and Hydrospheric Sciences), 2000-2003

EXPEDITIONS:
Participant on cruises to 13^{o}N and 21^{o}N on RVs Le Suroit and Melville with dives in Cyana and Alvin.

RECENT PUBLICATIONS:
Quijón, P. A., **Grassle, J. P.**, Rosario, J. M. 2007. Naticid snail predation on early post-settlement surfclams (*Spisula solidissima*) on the inner continental shelf of New Jersey, USA. Mar. Biol. 150: 873-882.

Ma, H., **Grassle, J. P.**, Rosario, J. M. 2006. Initial recruitment and growth of surfclams (*Spisula solidissima*) on the inner continental shelf. J. Shellfish.Res. 25: 481-489.

Ma, H., **Grassle, J. P**., Chant, R. J. 2006. Vertical distribution of bivalve larvae along a cross-shelf transect during summer upwelling and downwelling. Mar. Biol. 149: 1123-1138.

OTHER RELEVANT PUBLICATIONS:

Ma, H., **J. P. Grassle** 2004. Invertebrate larval availability during summer upwelling and downwelling. Estuarine, Coastal and Shelf Sci. 62: 41-53.

Weissberger, E. J., **J. P. Grassle** 2003. Settlement, first-year growth, and mortality of surfclams, *Spisula solidissima*. Estuarine, Coastal and Shelf Sci. 56: 669-684.

Chintala, M. M., **J. P. Grassle** 2001. Compariosn of recruitment frequency and growth of surfclams *Spisula solidissima* (Dillwyn, 1817) in different inner-shelf habitats of New Jersey. J. Shellfish. Res. 20: 1177-1186.

Snelgrove, P. V. R., **J. P. Grassle**, C. A. Zimmer 2001. Adult macrofauna effects on *Capitella* sp. I larval settlement: a laboratory flume study. J. Mar. Res. 59: 657-674.

Snelgrove, P. V. R., **J. P. Grassle**, J. F. Grassle, R. F. Petrecca, H. Ma 1999. In situ habitat selection by settling larvae of marine soft-sediment invertebrates. Limnol. Oceanogr. 44: 1341-1347.

Snelgrove, P. V. R., **J. P. Grassle**, C. A. Butman 1998. Sediment choice by settling larvae of the bivalve, *Spisula solidissima* (Dillwyn), in flow and still water. J. Exp. Mar. Biol. Ecol. 231: 171-190.

Snelgrove, P. V. R., C. A. Butman and **J. P. Grassle**. 1993. Hydrodynamic enhancement of larval settlement in the bivalve *Mulinia lateralis* (Say) and the polychaete *Capitella* sp. I in microdepositional environments. J. Exp. Mar. Biol. Ecol. 168: 71-109.

Grassle, J. P., C. A. Butman and S. W. Mills. 1992. Active habitat selection by *Capitella* sp. I larvae. II. Multiple-choice experiments in still water and flume flows. J. Mar. Res. 50: 717-743.

COLLABORATORS

Cheryl Ann Zimmer (UCLA), P. V. R. Snelgrove (Memorial University), Eric J. Weissberger (EPA/Narragansett), Claudio DiBacco (University of British Columbia), Heather Hunt (University of New Brunswick, Saint John), Hongguang Ma (University of Maryland), Pedro Quijón (Prince Edward Island University)

GRADUATE ADVISOR

John D. Costlow, Jr. (Duke University)

RESEARCH INTERESTS:

Marine benthic ecology; population genetics of marine invertebrates; biology of *Capitella* (Polychaeta) sibling species; invertebrate larval dispersal, settlement, and recruitment.

SYNERGISTIC ACTIVITIES:

Co-PI on NSF-REU site grant with James Ammerman, “Continental Shelf Research for Undergraduates”,
2004-2006.
Program Director for the undergraduate Major and Minor in Marine Sciences.