

## JEANNETTE YEN

School of Biology

Georgia Institute of Technology, Atlanta GA 30332

### EDUCATION:

Ph.D. in Oceanography, Univ. of Washington, 1982 (thesis advisor: B.W. Frost)

M.S. in Oceanography, University of Washington, 1977

B.A. in Biology, Bryn Mawr College, 1975

### PROFESSIONAL EXPERIENCE:

2002–present Professor, School of Biology, Georgia Tech

2000–2002 Associate Professor, School of Biology, Georgia Tech

1994–2000 Assoc. Prof., Marine Sciences Research Center, SUNY-Stony Brook

1989–1994 Assist. Prof., Marine Sciences Research Center, SUNY-Stony Brook

1983–1989 Research scient., Hawaii Institute of Marine Biology

### HONORS:

State University of New York-Stony Brook's Academy of Teacher Scholars, 1998.

*Innovative Teaching Projects*, SUNY - Stony Brook 1996.

*Ocean Turbulence: A basic environmental property for plankton*, Institute of Sciences, Barcelona, Spain. w/ Marrase et al. [course participation] 1995.

NATO postdoctoral fellowship, Institute of Marine Biochemistry, Scotland, 1983.

Fulbright-Hayes postdoctoral fellowship, U. of Bergen, 1982.

### SCIENTIFIC ADVISORY COMMITTEES:

Polar Collection Advisory Board, Smithsonian, 1991.

Council Delegate for American Association for the Advancement of Science, 1991.

Co-ed. of special issue of *Oceanography*: 12(1), entitled: Tribute to Akira Okubo, 1999.

Co-ed. of special issue of *Hydrobiologia*, entitled: Progress in Zooplankton Biology, 1999.

### CURRENT RESEARCH SUPPORT:

National Science Foundation, Norwegian Research Council, Camille and Henry Dreyfus Foundation.

### OTHER COLLABORATORS (in past 48 months):

A. Alldredge, R.A. Armstrong, G.A. Boxshall, P.A. Moore, J. R. Strickler, D. Webster, M.J. Weissburg.

### SELECTED PUBLICATIONS:

1. "Feeding currents and energy dissipation by *Euchaeta rimana*, a subtropical pelagic copepod," (with B.G. Sanderson, J.R. Strickler and A. Okubo) *Limnol. Oceanogr.* **36**, 362-369 (1991).
2. "Mechanoreception in marine copepods: Electrophysiological studies on the first antennae," (with P.H. Lenz, D.V. Gassie and D.K. Hartline) *Journal of Plankton Research* **14** (4), 495-512 (1992).
3. "Advertisement and concealment in the plankton: What makes a copepod hydrodynamically conspicuous?" (with J.R. Strickler) *Invert. Biol.* **115**, 191-205 (1996).
4. "The fluid physics of signal perception by a mate-tracking copepod," (with M.J. Weissburg and M.H. Doall) *Phil. Trans. Royal Society of London* **353**, 787-804 (1998).
5. "Life in transition: balancing inertial and viscous forces by planktonic copepods," *Biol. Bull.* **198**, 213-224 (2000).