

Susan G. Ernst

Professor

Developmental Biology

Curriculum Vitae

Education and Postdoctoral Experience

- 1964-1967 Meredith College
- 1968 Louisiana State Univ. B.S. Zoology, Honor graduate
- 1975 University of Massachusetts, Ph.D. Zoology (Thesis advisor: M.S. Kaulenas)
- 1974-1975 Postdoctoral Fellow, Department of Radiation Biology, Case Western Reserve University (Drs. Nancy Oleinick and Ron Rustad)
- 1975-1979 Postdoctoral Fellow, Biology California Institute of Technology (Drs. Eric Davidson and Roy Britten)

Positions Held - Tufts University

- 1994-present Professor Department of Biology
- 2001-2005 Dean of the School of Arts and Sciences
- 2000-2001 Dean for Research, Arts, Sciences & Engineering
- 1997-2001 Dean Natural and Social Sciences
- 1990-1997 Chair Department of Biology
- 1987-1999 Adjunct Professor Biotechnology Engineering Center
- 1985-1994 Associate Professor Department of Biology
- 1979-1985 Assistant Professor Department of Biology

Honors & Awards

- 2005 Tufts Graduate Student Council Service Award
- 2001 Member of AAAS Council
- 2000 Chair Biological Sciences AAAS
- 1998-present AAAS Fellow
- Phi Beta Kappa
- 1999 Faculty ICR/UNESCO International Training Course on Molecular Aspects of Fertilization and Early Development. Asamushi, Japan
- 1994 Canada International Scholars Exchange Award
- 1989 NSF Career Advancement Award for Women
- 1983 Mellon Faculty Research Award at Tufts
- NIH Postdoctoral Fellowship
- NDEA Graduate Fellowship

External Grant Funding (while at Tufts)

- NIH
- NSF

- American Cancer Society
- CFIDS Association of America (co-PI)
- Natural Sciences and Engineering Research Council of Canada
- Pittsburgh Supercomputing Center through the NIH Division of Research
- Resources Cooperative Agreement
- SIDS Research Fund of Children's Hospital (co-PI)
- Charles H. Hood Foundation (co-PI)
- Baxter-Travenol Contract (co-PI)

Courses Taught

Biology Department:

Developmental Biology; Topics in Developmental Biology; Cells and Organisms-Introductory Biology (team-taught); Experiments in Biology (team-taught); Topics in Reproduction and Development (co-taught); Topics in Developmental Biology, writing intensive; Biology for Engineers (team taught); Bay State Skills course: Biotechnology Engineering Center (team taught); Seminar: Growth Factors/Signal Transduction (co-taught); Cell Lineage and Cell Fate Determination; Evolution and Development Seminar; BioChallenge Seminar, Stage I; BioChallenge Seminar, Stage II; Independent Reading: Oncogenes; Independent Reading: Human Embryology; Advanced Cell Biology (team taught with faculty at Sackler School for Graduate Biomedical Education in Department of Cell, Molecular and Developmental Biology). Developmental Biology (team-taught Department of Cell, Molecular and Developmental Biology Sackler School).

Experimental College:

Human Diversity (writing intensive course team-taught with faculty from Anthropology, Classics and American Studies): Two freshman advising explorations: "Remembering the Sixties" and "Sound Body, Sound Mind"

Teaching Faculty for Writing-Across-The-Curriculum Programs:

Workshop leader for Tufts University-wide "Writing-Across-The-Curriculum" training 1996
 Workshop leader in Tufts "Writing-Across-The-Curriculum" training sessions for faculty - 1990-1996
 5-Day Workshop Organizer and Leader through Bard College Program "Writing to Learn Mathematics and Sciences" for community college teachers, June 1990, Orlando FL.