

MARK ROBERT MEYER

Education

Graduate: University of Texas at Austin; Ph.D., 1977 (neurobiology)

Undergraduate: University of Texas at Austin; B.A., 1969 (zoology; psychology)

Current Position

Instructor, Priority Hire Part Time, Art Department, Humanities Division; North Seattle Community College, Seattle, WA

Employment

1999-2007 Instructor, Art Department, Humanities Division; North Seattle Community College, Seattle, WA

1999. Lecturer, Department of Zoology, University of Washington

1986-98. Research Scientist III, Department of Zoology, University of Washington, Seattle, WA.

1988-94. Lecturer, Department of Zoology, University of Washington

1985-92. Research Scientist III, Department of Zoology, University of Washington

1983-85. Research Associate, Department of Zoology, University of Washington

1981-82. Senior Fellow, Department of Pharmacology, University of Washington

1979-80. Acting Assistant Professor of Zoology, Department of Zoology, University of Washington

1978-80. Postdoctoral Fellow, Department of Zoology, University of Washington

Recent Professional Activities

1999. Lecturer, Department of Zoology, University of Washington; Seattle, WA

1994. Lecturer, Department of Zoology, University of Washington; Seattle, WA

1993. Invited Speaker, Neuroscience Program, University of Arizona, Tucson, AZ

1993. Invited Scientist and Lecturer, Ministry of Agriculture, Forestry, and Fisheries; Institute for Sericultural and Entomological Sciences, Tsukuba, Japan

1993. Guest Lecturer, Tokyo University; Tokyo, Japan and Iwate University; Morioka, Japan

1990. Invited Speaker, Winter Brain Research Conference; Snowmass, CO.

1990. NIH Site Visit and Peer Review Committee

1998-90. Lecturer, Department of Zoology, University of Washington; Seattle, WA

1987. Visiting Scientist, Cambridge University; Cambridge, England

1986- 87. Supervisor, Hybridoma Facility; Department of Zoology, University of Washington

1985 Invited Speaker, Neurosciences Symposium; Salk Institute; La Jolla, CA

Awards and Research Grants:

1997-1998 Co-Principal Investigator, NSF SGER award

1994-1997 Co-Principal Investigator, NSF award, Developmental Neuroscience

1985-1993 Co-investigator, Jacob Javits Center for Excellence in Neuroscience Award, NIH

1982-85 Co-investigator, NIH project grant in neural development

1980;83 Graduate School Research Fund project grants
1978-80 NSF Postdoctoral Fellow; Developmental Biology Training Grant, University of Washington
1972-76 NIH predoctoral trainee in Behavioral Genetics

Teaching Experience:

Undergraduate Biological Sciences:

Introductory Cell and Molecular Biology (Biology 100/151) -- 5 hour lecture course with laboratories; developed full curriculum and lab exercises; coordinated and supervised laboratory sections
Introductory Physiology and Anatomy (Zoology 118) -- 3 hour lecture course with laboratories: developed full curriculum and lab exercises

Graduate Biological Sciences:

Seminars in Developmental Neuroscience
Seminars in Receptor Biology and applications
Workshops in Immunological Approaches and Hybridoma Technology

Undergraduate Art:

Digital Art (Art 210), Advanced Digital Art (Art 214), Practical Scientific Illustration (Art 110), 2D-Design (Art 101), Drawing (Art 111); North Seattle Community College; Seattle, WA
Instructor: "Tools and Tactics in Multimedia" (with the Media School; Seattle, WA)
"The Art of Science and the Science of Art" (invited college lecture series)

Areas of teaching interests, experience, and potential curriculum development include:

introductory biology
anatomy and physiology
cell and developmental biology
general and cellular physiology
neuropharmacology and neural development
effective visual communication of scientific data
entomology

Areas of Research Interest and Expertise

Physiology and pharmacology of insect venoms
Studies on nervous system adhesive glycoproteins
Pharmacology and regulation of neurotransmitter receptors
Neuroglia, neuron-glia interactions, and peripheral nerve regeneration
Developmental biology and applications of immunological probes

Publications: List of publications available upon request