



## Donna Ferriero, M.D.

**Training:** She graduated Phi Beta Kappa from Rutgers University with a degree in Zoology in 1971. She received her M.S. in Immunology from Rutgers University in 1973 and was a staff research scientist at Roche Institute of Molecular Biology where she studied olfactory neurogenesis with Frank Margolis. She returned to graduate education in medicine at University of California San Francisco in 1975. Dr. Ferriero combined pediatric residency training at Boston Floating and Massachusetts General Hospitals. She then returned to UCSF for her Child Neurology residency in 1982. She returned to the bench in 1985 sponsored by an NRSA postdoctoral fellowship research award for studies on retinal neuropeptide developmental profiling.

**Department and Position:** Dr. Ferriero is Vice Dean Academic Affairs for the School of Medicine at UCSF and Professor of Neurology and Pediatrics. She was recruited to the Departments of Neurology and Pediatrics at UCSF in 1987, and was appointed Division Chief of Child Neurology in 1998.

**Career Profile:** Dr. Ferriero is Director of the Neonatal Brain Disorder Laboratories, founded in 1993 through an NIH initiative, which brings together physician and basic scientists to study the mechanisms of ischemic injury in the developing brain after a variety of insults. Her own laboratory has been critical in defining the role of oxidative stress during hypoxia-ischemia and the relationship of selectively vulnerable populations of neural cells during maturation-dependent injury. She participates in clinical patient-oriented research evaluating predictors of neurological outcome in preterm and term newborns with brain injury using advanced MRI, MRS and DTI technologies. While intensely involved in research activities, she remains dedicated to teaching and mentoring. She has been recognized by the University and by her residents as an outstanding teacher, receiving the UCSF Academic Senate Distinguished Teaching Award in 1991, and the Robert B. Layzer Neurology Teaching Award in 1994. She is active in mentoring programs for medical students, residents and junior faculty, and she was recognized for these efforts with the UCSF Chancellor's Award for the Advancement of Women in 2000 and the Maureen Andrew Mentor Award from the Society for Pediatric Research in 2006.

She is currently a member of the council of the American Pediatric Society, and is first Vice President of the American University Professors of Neurology. She served on council for the American Neurological Association, as past Chair of NIH NSD-A Study Section (2003-05), and is a member of the United Cerebral Palsy Scientific Advisory Council. She is on the editorial boards of Nature Clinical Practice Neurology, Journal of Cerebral Blood Flow Metabolism, Pediatric Research (Associate Editor), Pediatric Neurology, Journal of Child Neurology, Journal of Pediatric Neurology, Current Pediatric Reviews, Current Opinions in Pediatrics (Neurology), and Annals of Neurology (Associate Editor for Child Neurology).



She has participated as an invited lecturer in a number of international venues, and has been honored with the Faye Sarkowsky Visiting Professorship at the University of Washington, the Bresnan Lectureship at Boston Children's Hospital, the Hertafeld Lectureship at the University of Rochester, the Pritchard Lectureship at the University of Toronto, the Milton Shy Lectureship at Columbia, the Haruda Lectureship at Cornell and she will be the Kretchmer Lecturer at Stanford in 2008. She was the Bernard Sachs Lecturer for 2006 for the Child Neurology Annual Meeting. She is the recipient of the 2000 Sydney Carter Award in Child Neurology for excellence and leadership in Child Neurology, the Weinstein-Goldenson Award- United Cerebral Palsy for Excellence in Medical Research , the Royer Award for excellence in academic Neurology, and was elected to the Institute of Medicine of the National Academy of Sciences in 2005.

