
Marc Schieber, and *Neurology* and Brain and Cognitive Sciences, and Center for Visual Science. A.B. Washington, 1974; M.D.-Ph.D. 1982.

Suzanne Y. Stevens, and Psychiatry. B.A. Oakland, 1968; M.S. Drexel, 1970; Ph.D. Indiana, 1981.

Joseph P. Walton, and Surgery. B.A. Florida, 1976; M.A. 1982; Ph.D. 1984.

Research Associate Professor

Ronald W. Wood, and *Obstetrics and Gynecology*. B.A. Grinnell, 1968; M.A. Rochester, 1975; Ph.D. 1977.

Assistant Professors

David J. Calkins, and *Ophthalmology*, and Center for Visual Science. B.S. University of Michigan, 1989; Ph.D. Mahoney Institute of Neurological Sciences, 1994.

Barbara J. Davis. B.S. Syracuse, 1973; Ph.D. SUNY (Upstate), 1982.

Kevin A. Davis, and Biomedical Engineering. B.S. Boston University, 1986; M.S. 1989; Ph.D. 1995.

Edward G. Freedman, and Center for Visual Science. Sc.B. Brown, 1986; Ph.D. University of Pennsylvania, 1996.

Julie Fudge, and *Psychiatry*. B.S. Colgate, 1980; M.D. Albert Einstein, 1989.

Lin Gan, and Center for Aging and Developmental Biology. B.S. Zhongshan (China), 1985; Ph.D. University of Texas (Houston), 1992.

Greg T. Gdowski, and Biomedical Engineering. B.S. Boston University, 1985; M.S. 1989; Ph.D. 1996.

David R. Kornack, and Center for Aging and Developmental Biology. Ph.D. Cornell, 1990.

Lizabeth M. Romanski, and Center for Visual Science. B.S. Rutgers, 1984; Ph.D. Cornell, 1992.

Scott H. Seidman, and Center for Visual Science and Biomedical Engineering. B.S. Johns Hopkins, 1987; M.S. Case Western Reserve, 1989; Ph.D. 1993.

Research Assistant Professors

Martha Johnson Gdowski. B.S. Gannon; Ph.D. Pennsylvania State, 1995.

Voyko Kavcic. Dipl. University of Ljubljana (Slovenia); Ph.D. North Texas, 1997.

Betsy S. Phipps, part-time. B.A. Wellesley, 1977; Ph.D. Tufts, 1981.

Stanislaw Sobotka. M.S. Technical University (Poland), 1977; Ph.D. Polish Academy of Sciences, 1981.

Amandip Utal. B.Sc. Punjab Agricultural University (India), 1982; M.Sc. 1984; Ph.D. University of Alberta (Canada), 1992.

Jibin Yao. M.D. Second Military Medical College (China), 1983; M.S. Georgetown, 1987; Ph.D. 1991.

Senior Instructor

Patrice Spitalnik, and *Pathology and Laboratory Medicine*. B.A. Skidmore, 1974; M.D. Chicago, 1978.

DEPARTMENT OF NEUROLOGY

The Department of Neurology is recognized for excellence in research, teaching, and clinical care. The faculty includes neurologists and neuroscientists; additional practicing neurologists with clinical appointments teach medical students and residents in a private practice setting. The Department of Neurology encompasses the following units: General Neurology, Epilepsy, Movement and Inherited Neurologic Disorders, Molecular Medicine and Gene Therapy, Neuroimmunology, Neuromuscular Disease, Cognitive and Behavioral Neurology, and Child Neurology and Stroke. The Department also has major affiliations with several regional hospitals including Rochester General, Monroe Community, Highland, St. Mary's, and Canandaigua Veteran's Administration.

The Department has an extensive research program in the neurosciences and collaborates with various other departments and divisions within the University, including the Departments of Neurobiology and Anatomy, Brain and Cognitive Sciences, Neurosurgery, Ophthalmology, and Pharmacology and Physiology; and the Divisions of Neuroradiology and Neuropathology. Areas of particular strength include neuromuscular disorders, movement disorders, multiple sclerosis and other neuroimmunological disorders, Alzheimer's disease and other dementias, behavioral neurology, neuroendocrinology, neuropharmacology, stroke, and epilepsy. The Department includes the Director and other investigators in the Center for Aging and Development.

The Department of Neurology plays a major role in medical student education in years two and three of the medical school curriculum. The second-year Mind, Brain, and Behavior Course is a multidisciplinary introduction to the human nervous system that integrates both basic sciences and clinical disciplines. The basic sciences include neuroanatomy, neurophysiology, neuropathology, psychopathology, neuropharmacology, and psychopharmacology; the clinical disciplines include neurology and psychiatry. The host departments for this integrated course include Neurology, Neurobiology and Anatomy, Pathology, Pharmacology and Physiology, and Psychiatry. The objective of this course is to provide the medical student with a sufficient background in neurosciences, neuropathology, neuropharmacology, psychopathology and psychopharmacology to permit knowledgeable participation in the diagnosis and care of patients with neurological and psychiatric problems. Nine Problem-Based-Learning (PBL) cases are discussed in this course, and neurology chief residents serve as PBL tutors for these sessions.

Second-year students also spend four afternoons in the office of a community neurologist, as part of their second-year Ambulatory Clerkship Experience. At the end of their second year, students spend one week studying the peripheral nervous system and neuromuscular disorders during their eight-week, second-year seminar course.

The third-year neurology clerkship is part of a ten-week introduction to clinical neurology and psychiatry, entitled *Mind, Brain, and Behavior II*. Four of these weeks constitute the neurology clerkship, in which students evaluate patients with neurological disorders and participate in clinical rounds on the various neurology services at Strong Memorial Hospital and at other affiliated hospitals in the city. The goals of the clerkship are to teach students to obtain an accurate neurological history, perform and interpret a neurological examination, evaluate common neurological problems, and recognize less common neurological disorders. Students may be assigned to Strong Memorial, Rochester General, St. Mary's, or the VA (Canandaigua) Hospitals. Rotations can also be arranged on request in child neurology or in neurorehabilitation. During the last two weeks of this course, students "return to the classroom" to pursue in greater detail the basic sciences underlying neurological and psychiatric diseases. Two PBL cases are discussed and students hear state-of-the-art lectures on neurological disorders by leading neural scientists.

The Department has a nationally recognized three-year accredited residency program in neurology that may be entered after preliminary training in internal medicine. This residency program gives broad clinical training and provides unusual opportunity for elective time in neurological subspecialties and in clinical research and medical student teaching. The program emphasizes excellence in clinical neurology and has produced academic neurologists, practitioners of neurology, researchers, and teachers. The Department also offers a three-year training program in child neurology, and a one-year clinical neurophysiology residency.

The Department has a major fellowship program in the experimental therapeutics of neurological disease. Fellowships are also available in many other areas, including behavioral neurology, epilepsy, HIV-related neurological disorders, molecular neurovirology, movement disorders, neuropharmacology, neurogerontology, neuroimmunology and multiple sclerosis, neuromuscular diseases, neuro-otology and neuro-ophthalmology, neurophysiology, neurorehabilitation, and stroke.

Faculty of the Department of Neurology

Robert C. Griggs . . . *Professor of Neurology and Chair*; Edward A. and Alma Vollertsen Rykenboer Professor of Neurophysiology; Professor of Medicine, and Pathology and Laboratory Medicine, and Pediatrics. B.A. University of Delaware, 1960; M.D. University of Pennsylvania, 1964. Intern and Assistant Resident, Case Western, 1964–66; Clinical Associate, National Institutes of Health, 1966–68; Associate Resident in Medicine, University of Rochester School of Medicine and Dentistry, 1968–69; Chief Resident in Medicine, 1969–70; Chief Resident in Neurology, 1970–71; Assistant Professor of Neurology, 1971–74; Associate Professor of Neurology, 1974–79; Professor of Neurology, 1979–; Chair of the Department of Neurology, 1986–.

Richard T. Moxley III . . . *Professor and Associate Chair for Academic Affairs*; Helen Aresty Fine & Irving Fine Professor of Neurology, Professor of Pediatrics. B.A. Harvard, 1962; M.D. Pennsylvania, 1966.

Ralph Jozefowicz . . . *Associate Professor of Neurology and Medicine and Associate Chair for Educational Programs*. B.S. Johns Hopkins, 1975; M.D. Columbia, 1979.

Professors

Eric Caine, and *Psychiatry*. B.A. Cornell, 1969; M.D. Harvard, 1973.

Manuel del Cerro, and *Neurobiology and Anatomy*, and Ophthalmology, and Center for Visual Science. B.A. B.S. Buenos Aires National College, 1951; M.D. University of Buenos Aires Medical School, 1958.

Donna Giles, and *Psychiatry*. B.A. University of Western Ontario, 1970; Ph.D. 1982.

David Goldblatt, Emeritus. A.B. University of California (Los Angeles), 1951; M.D. Case Western, 1995.

Frederick Horner. B.S. Rice, 1941; M.D. Rochester, 1947.

Robert J. Joynt, and *Neurobiology and Anatomy*. B.A. Westmar, 1949; M.D. Iowa, 1952; M.S. 1963; Ph.D. 1963; D.Sc. (Honorary) Westmar, 1964.

Yuji Numaguchi, and *Neurology and Surgery and Chief of Neuroradiology*. M.D. Nagasaki University, 1966; Ph.D. Kyushu University, 1978.

Gary D. Paige, and *Professor and Chair, Neurobiology and Anatomy*, and Ophthalmology, Physiology, Surgery, and Brain and Cognitive Sciences. B.S. University of California (Irvine), 1974; Ph.D. Chicago, 1980; M.D. 1981.

James M. Powers, and *Pathology and Laboratory Medicine*. B.S. Manhattan College, 1965; M.D. Medical University of South Carolina, 1969.

Garth J. Thomas, Emeritus, and *Neurobiology and Anatomy*. B.A. Kansas State Teachers College, 1938; M.S. Kansas, 1940; M.A. Harvard, 1943; Ph.D. 1948.

Richard Satran, Emeritus. B.A. Louisville, 1949; M.A. New York University, 1951; M.D. Louisville, 1956.

Clinical Professors

Marvin N. Goldstein. A.B. Western Maryland, 1960; M.D. Maryland, 1964.

Daniel S. Pettee, Emeritus. B.A. Yale, 1951; M.D. Columbia, 1955.

Warren E. Porter, Emeritus. A.B. Amherst, 1945; M.D. Rochester, 1947.

Adjunct Professors

H. Richard Beresford. B.A. Yale, 1952; J.D. Harvard, 1955; M.D. Colorado, 1963.

Cesare T. Lombroso. B.A.G. Garibaldi Lyceum (Italy), 1937; M.D. University of Genoa (Italy), 1946; Ph.D. University of Rome, 1950.

Associate Professors

Michael P. McDermott, and *Biostatistics*, and Statistics. B.A. Boston College, 1983; M.A. Rochester, 1985; Ph.D. 1988.

Pierre N. Tariot, and *Psychiatry*, and Medicine. A.B. Amherst, 1974; M.D. Rochester, 1978.

Clinical Associate Professors

William J. Kingston, and *Medicine*. B.A. SUNY (Buffalo), 1973; M.D. Albert Einstein, 1976.

M. S. Megahed. B.S. Cairo, 1951; C.M. 1960.

Heidi B. Schwarz. B.A. Mount Holyoke, 1979; M.D. Rochester, 1983.

Assistant Professor

Ana Rubio, and *Pathology and Laboratory Medicine*. B.S. University of Valladolid (Spain), 1976; M.D. University of Navarra (Spain), 1980; Ph.D. 1990.

Clinical Assistant Professors

Michael G. Dunn. B.A. Rochester, 1978; M.S. 1981; M.D.-Ph.D. 1983.

Elmar H. Frangenberg, and *Pediatrics.* M.D. University of Bonn, 1960.

Joseph I. Mann. B.A. Brooklyn College, 1965; M.D. New York University, 1969.

David Marzulo. B.A. Indiana, 1976; D.O. Chicago College of Osteopathic Medicine, 1980.

John A. O'Sullivan. M.B.B.Ch. University College of Dublin, 1962.

David N. Smith, and *Ophthalmology.* B.S. Massachusetts Institute of Technology, 1965; M.S. New York University, 1967; M.D. Rochester, 1973; Ph.D. 1986.

Andrew Stern. B.A. University of Pennsylvania, 1972; M.D. Rochester, 1976.

Edith L. Storie, and *Psychiatry.* B.S. Duke, 1971; M.D. Virginia, 1974.

Associate

Judith L. Kennedy. B.A. Elmira, 1969; M.S. Nazareth, 1977.

Virginia Weslowski. B.A. Rochester, 1981; M.P.A. Syracuse, 1984.

Clinical Instructors

Louis H. Medved. B.S. SUNY (Albany), 1979; M.D. New York University, 1983.

Robert S. Knapp. B.A. Vassar, 1977; M.D. Pittsburgh, 1982.

CHILD NEUROLOGY

Jonathan Mink . . . Associate Professor of Neurology and Head of Unit, and *Pediatrics.* B.A. Wesleyan, 1980; Ph.D. Washington University, 1989; M.D. 1989.

Professors

Gary Myers, and *Pediatrics.* B.A. Kansas, 1957; M.D. 1963.

Harris Gelbard, and *Pediatrics.* B.S. Northwestern, 1976; M.D., Ph.D. 1983.

Associate Professors

Carlos Torres, and *Pediatrics.* M.D. San Marcos, 1973.

David Dah-Chung Wang, and *Pediatrics.* M.B. National Taiwan, 1969.

BRAIN INJURY

Associate Professor

Marc H. Schieber, and *Neurobiology and Anatomy, and Center for Visual Sciences, Brain and Cognitive Sciences, and Physical Medicine and Rehabilitation.* A.B. Washington, 1974; M.D., Ph.D. 1982.

Assistant Professor

John Schmidt, B.S. Colorado State, 1980; M.D. Minnesota, 1985.

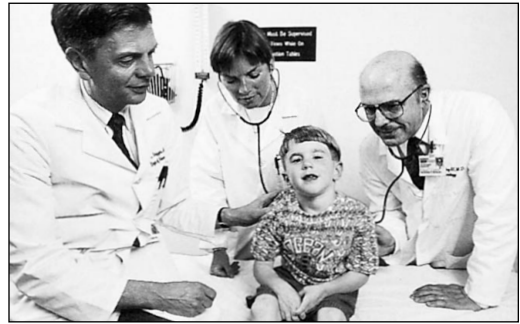
COGNITIVE AND BEHAVIORAL NEUROLOGY

Roger Kurlan . . . Professor of Neurology and Chief of Unit. B.A. Rochester, 1974; M.D. Washington, 1978.

Associate Professors

Charles J. Duffy, and *Neurobiology and Anatomy, Ophthalmology,* and *Brain and Cognitive Sciences.* A.B. Washington, 1974; M.D., Ph.D. 1982.

M. Kerry O'Banion, and *Neurobiology and Anatomy.* B.S. Illinois, 1980; M.D., Ph.D., 1987.



Assistant Professor

Frederick Marshall. B.A. Swarthmore, 1983; M.D. Harvard, 1989.

Michelle Papka. B.A. Lafayette, 1990; M.A., Temple, 1993; Ph.D. 1995.

Irene Richard. B.S. Cornell, 1987; M.D. Yale, 1991.

Donna Palumbo. B.A. Simmons, 1983; M.S. New School for Social Research, 1986; Ph.D. 1990.

Research Associate Professor

Rebekah Loy. B.S. University of California (Irvine), 1971; Ph.D. 1975.

GENERAL NEUROLOGY

Professors

Robert J. Joynt. B.A. Westmar College, 1949; M.D. Iowa, 1952; Ph.D. 1963; D.Sc. (Honorary) Westmar, 1964.

Michael McQuillen. B.A. Georgetown College, 1953; M.D. Georgetown, 1957.

Adjunct Professors

H. Richard Beresford. B.A. Yale, 1952; J.D. Harvard, 1955; M.D. Colorado, 1963.

Associate Professor

Richard L. Barbano. B.S. SUNY (Albany), 1979; Ph.D. Northwestern, 1985, M.D. Albert Einstein, 1989.

Mary Dombov, *Physical Medicine and Rehabilitation, and Neurology.* B.S. College of St. Benedict and St. John's, 1976; M.D. Mayo, 1981.

Assistant Professor

Timothy Counihan. M.B., B.Ch., B.A.O. University College (Dublin), 1987; M.D. National University of Ireland, 1997.

EPILEPSY CENTER AND EEG

Michel Berg . . . Associate Professor and Head of Unit. B.S. Miami University (Ohio), 1980; M.D. Cincinnati, 1984.

Professor

James Burchfiel. B.S. Stanford, 1963; Ph.D. 1969.

Giuseppe Erba, and *Pediatrics.* Baccalaureate, Liceo Classico D. Manin (Italy), 1954; M.D. University of Pavia (Italy), 1960.

Associate Professors

Robert A. Gross, and *Pharmacology.* A.B. Harvard, 1975; M.D., Ph.D. Washington, 1981.

John T. Langfitt. B.A. Yale, 1981; M.A. Boston, 1985; Ph.D. 1989.

Webster Pilcher, and *Surgery (Neurological)*. A.B. Colgate, 1972; D.M.D. Columbia, 1977; M.D.-Ph.D. Rochester, 1983.

Assistant Professors

Kenneth Plotkin. B.S. Ohio State, 1984; M.D. Case Western Reserve, 1989.

Neeru Sehgal. B.S. Union, 1986; M.D. Albany, 1989.

Clinical Assistant Professor

David L. Loisel. B.A. Northwestern, 1970; Ph.D. SUNY (Stony Brook), 1977.

Adjunct Assistant Professor

Beatrice L. Wood, part-time, and Psychiatry, part-time. B.A. University of Pennsylvania, 1969; M.A. 1976; Ph.D. 1981.

Senior Instructor

Lynn Liu. B.A. Cornell, 1989; M.D. Georgetown, 1994.

EXPERIMENTAL THERAPEUTICS

Ira Shoulson . . . *Professor of Neurology and Head of Unit*. Louis C. Lasagna Professor of Experimental Therapeutics; Professor of Pharmacology and Physiology, and Medicine. B.A. University of Pennsylvania, 1967; M.D. Rochester, 1971.

MOLECULAR MEDICINE AND GENE THERAPY

Howard J. Federoff . . . *Professor of Neurology and Head of Unit*. Professor of Medicine, and Microbiology and Immunology. B.A. Earlham College, 1974; Ph.D. Albert Einstein, 1979; M.D. 1983.

Kathleen Maguire. B.S. Albright, 1981; Ph.D. Pennsylvania State, 1987.

MOVEMENT AND INHERITED NEUROLOGIC DISORDERS

Professors

Karl Kiebertz, and *Community and Preventive Medicine and Head of Unit*. B.A. Amherst, 1980; M.P.H., M.D. Rochester, 1985.

Ira Shoulson, and Louis C. Lasagna Professor of Experimental Therapeutics, Professor of Pharmacology and Physiology, and Medicine. B.A. University of Pennsylvania, 1967; M.D. Rochester, 1971.

Associate Professor

Peter Como, and Psychiatry. B.S. St. Bonaventure, 1975; M.A. Texas (El Paso), 1977; Ph.D. Delaware, 1984.

Assistant Professors

Alice Rudolph. B.A., Thomas More College, 1969; Ph.D. Southern Illinois, 1987.

Giovanni Schifitto. M.D. Università Degli Studi de Milano (Italy), 1988; B.S. University of Toronto, 1989.

Senior Instructor

Lin Zhang. M.D. Beijing, 1983; Ph.D. Tulane, 1994.

Instructors

Kevin M. Biglan. B.S. Albright College, 1992; M.D. Jefferson, 1996.

Thomas Guttuso. B.A. Cornell, 1988; M.A. SUNY (Buffalo), 1992; M.D. 1996.

Charlyne Hickey, and *Nursing*. B.S. SUNY (Plattsburgh), 1973; M.S. Rochester, 1981.

NEUROIMMUNOLOGY AND MULTIPLE SCLEROSIS

Andrew Goodman . . . *Associate Professor of Neurology and Head of Unit*. A.B. Rutgers, 1974; M.D. New Jersey Medical, 1979.

Assistant Professors

Steven Schwid. B.S., Wisconsin, 1986; M.D. 1990.

Benjamin M. Segal. B.S. Brown, 1984; M.D. 1988.

NEUROLOGY—ROCHESTER GENERAL HOSPITAL

Joshua Hollander . . . *Associate Professor of Neurology and Head of Unit*. A.B. Columbia, 1956; M.D. 1960.

Associate Professors

Gerald W. Honch. B.A. California State College, 1963; M.D. Creighton, 1967.

David Dah-Chung Wang, and Pediatrics. M.B. National Taiwan University, 1969.

NEUROMUSCULAR DISEASE CENTER

Eric Logigian . . . and *Head of Unit*. B.A. Cornell, 1971; M.D. Boston, 1978.

Richard T. Moxley III . . . *Professor of Neurology and Director, Neuromuscular Disease Center*; Professor of Pediatrics. B.A. Harvard, 1962; M.D. University of Pennsylvania, 1966.

Professor

Eric Logigian. B.A. Cornell, 1971; M.D. Boston, 1978.

Associate Professors

Denise A. Figlewicz, and Neurobiology and Anatomy. B.S. Loyola, 1974; Ph.D. 1979.

Rabi N. Tawil. B.S. Emory, 1979. M.S. American University of Beirut, 1981; M.D. 1985.

Charles Thornton. B.S. Iowa, 1977; M.D. 1982.

Assistant Professors

Barbara Herr. B.A. William Smith, 1966; M.S. Rochester, 1981.

Shreedevi Pandya. B.Sc. Bombay, 1969; M.S. Wisconsin, 1979.

Senior Instructor

David Herrmann. M.B.B.Ch., University of the Witwatersrand, (South Africa), 1989.

Clinical Assistant Professor

Anne Moss. B.A. Cornell, 1978; M.D. George Washington, 1982.

STROKE

Curtis Benesch . . . *Assistant Professor of Neurology and Head of Unit*. B.S. Nebraska Wesleyan, 1984; M.D. Nebraska, 1988.

Assistant Professors

Judith Hinchey, B.S. Tufts, 1984; M.D., 1990.

Robert Holloway, and *Community and Preventive Medicine*. B.S. Connecticut, 1985; M.D., 1989; M.P.H. Rochester, 1996.