
Clinical Assistant Professors

Kelly R. Huiatt. B.S. Yale, 1986; M.D. SUNY (Upstate), 1990.

Marc S. Lampell, and Pediatrics. B.A. Hofstra, 1976; M.D. George Washington, 1980.

Senior Instructors

Frank Maffei, and Pediatrics. B.A. SUNY (Buffalo), 1988; M.D. Albert Einstein College, 1992.

Matthew T. Spencer. B.S. Penn State, 1992; M.D. SUNY Health Science Center (Brooklyn), 1996.

Clinical Senior Instructors

***Robert S. Bennett,** and Medicine. B.A. Harvard, 1982; M.D. McGill Medical, 1986.

***Raymond K. Chan.** B.A. Williams, 1980; M.D. SUNY (Buffalo), 1984.

***Calvin Chiang.** B.S. University of Michigan, 1985; M.D. 1988.

Michael A. Cunningham. A.A.S. Davenport, 1986; B.A. Canisius, 1988; D.O. New York College, 1992.

***Tracey I. Demino.** B.S. Cornell, 1990; M.D. SUNY (Buffalo), 1994.

***Joel L. May.** B.M. University of Miami, 1990; M.D. SUNY (Upstate), 1995.

***Arturo J. Oti.** B.S. Virginia Commonwealth University, 1987; M.D. Medical College of Virginia, 1995.

Instructors

Larry Denk, part-time, and *Pediatrics*, part-time. B.A. Duke, 1982; M.D. Howard, 1987.

Tammie B. Tullio, part-time, and *Pediatrics*, part-time. B.A. University of Chicago, 1986; M.D. 1990.

Clinical Instructors

***Teresa Ainsworth.** B.A. Southeast Missouri State University, 1976; M.A. University of New Mexico, 1986; M.D., 1991.

Robin H. Dawson, and Pediatrics. B.S. Massachusetts Institute of Technology, 1983; M.D. Columbia, 1987.

***Geoffrey R. Everett,** and Pediatrics. B.A. Connecticut, 1985; M.D. Pittsburgh, 1992.

DEPARTMENT OF ENVIRONMENTAL MEDICINE

The Department of Environmental Medicine was recently established in this medical school to become one of the first departments in the nation to focus on human health risks from contaminants in the workplace, the home, and the ambient environment. The Department houses the Division of Respiratory Biology and Toxicology, directed by G. Oberdörster, and the Division of Occupational and Environmental Medicine, directed by M. J. Utell, M.D., the Associate Chair for Clinical Affairs. The Department is interdisciplinary, with research and teaching programs in both basic science and clinical medicine. In addition, an NIEHS Environmental Health Sciences Center is administratively housed in the Department. It focuses on environmental and occupational contaminants as risk factors for disease processes and includes faculty from 11 different departments and centers within the Medical School.

The Ph.D. program in toxicology is directed by Ned Ballatori. The first two years are spent taking required and elective courses, and rotating through laboratories of potential research advisors. The remaining years are spent in research leading to the Ph.D. Qualified students receive full tuition support and a stipend from a National Institutes of Environmental Health Sciences (NIEHS) training grant. The Department offers training opportunities for a large number of postdoctoral fellows.

A multidisciplinary curriculum has been developed in occupational/environmental medicine. During the first two years of medical school, teaching emphasizes the basic sciences (including toxicology), clinical sciences (including occupational medicine), and health care delivery. During the general clerkship, special sessions are introduced on taking occupational histories, and on the principles of occupational medicine. The fourth-year elective in occupational medicine involves interdisciplinary conferences and on-site experience at local companies. Training and education is also extended to residents in family medicine and internal medicine. The division also provides broad-based clinical services in occupational and environmental medicine, occupational rehabilitation, and ergonomics.

Fifty faculty members, both primary and secondary appointees, provide a wide choice of research opportunities for these various training programs. Complementary interests on the part of many faculty result in strong programs in environmental research in such areas as behavioral and neurobiological toxicology, genetic, reproductive, and developmental toxicology, cell and molecular toxicology, and pulmonary toxicology. Within these general areas, faculty laboratories specialize in bioactivation of xenobiotics, enzyme regulation, gene expression in carcinogenesis, membrane transport, and receptor mediated toxicity. Xenobiotics of special interest

*Geographic Full-Time.

include air pollutants, chemical carcinogens, halogenated hydrocarbons, industrial solvents, pesticides, and toxic metals.

Brochures describing research and training opportunities in environmental medicine are available by contacting M. Terry, Assistant Director, Box EHSC, University of Rochester School of Medicine and Dentistry, Rochester, NY 14642-8630.

Faculty of the Department of Environmental Medicine

Deborah A. Cory-Slechta . . . *Professor of Environmental Medicine and Chair*; Professor of Neurobiology and Anatomy, and Pediatrics. B.S. Western Michigan, 1971; M.A., 1972; Ph.D. Minnesota, 1977. Acting Chair, Neurobiology and Anatomy, 1997–98; Director, Environmental Health Sciences Center, 1998–; Chair, Department of Environmental Medicine, 1998–; Director, Aab Institute of Biomedical Sciences, 2000–; Dean for Research, 2000–.

Nazzareno Ballatori . . . *Director of Education*. B.S. Rochester, 1980; Ph.D. 1984.

Günter Oberdörster . . . *Director, Division of Respiratory Biology and Toxicology*. D.V.M. University of Giessen (Germany), 1964; Ph.D. 1966.

Mark J. Utell . . . *Director, Division of Environmental/Occupational Medicine and Associate Chair for Clinical Affairs and Medicine*. B.A. Dartmouth, 1968; M.D. Tufts, 1972.

Professors

Marion W. Anders, and *Pharmacology and Physiology*. D.V.M. Iowa State, 1960; Ph.D. Minnesota, 1964.

William S. Beckett, and *Medicine*. B.A. Harvard, 1973; M.D. Case Western, 1978; M.P.H. Johns Hopkins, 1983.

William H. Bowen, and *Dental Research and Microbiology and Immunology*. B.D.S. National University of Ireland, 1955; M.Sc. Rochester, 1959; Ph.D. University of London, 1965; D.Sc. University of Ireland, 1974.

Thomas W. Clarkson, J. Lowell Orbison Distinguished Service Alumni Professor, and *Biochemistry and Biophysics, and Pharmacology and Physiology*. B.Sc. University of Manchester (England), 1953; Ph.D., 1956.

Jacob N. Finkelstein, and *Pediatrics*, and *Radiation Oncology*. B.S. Carnegie Mellon, 1971; Ph.D. Northwestern, 1976.

Thomas A. Gasiewicz. B.S. Canisius, 1972; Ph.D. Rochester, 1977.

John B. Hursh, Emeritus. B.A. Adelbert, 1930; Ph.D. Rochester, 1936.

Richard W. Hyde, and *Medicine*. B.A. Yale, 1953; M.D. Columbia, 1957.

Victor G. Laties, Emeritus, part-time. A.B. Tufts, 1949; Ph.D. Rochester, 1954.

Mahin D. Maines, and *Biochemistry and Biophysics*. B.S. Ball State, 1964; M.A. 1967; Ph.D. Missouri, 1970.

William H. Merigan, and *Ophthalmology*, and *Associate in Center for Visual Science*. B.A. Boston College, 1967; M.S. Maryland, 1972; Ph.D. 1975.

Richard K. Miller, and *Obstetrics and Gynecology*. A.B. Dartmouth, 1968; Ph.D. 1973.

Paul E. Morrow, Emeritus. B.S. Georgia, 1942; M.S. 1947; Ph.D. Rochester, 1951.

Robert H. Notter, and *Pediatrics*, and *Chemical Engineering*. B.S. Stanford, 1964; M.S. 1965; Ph.D. University of Washington, 1969; M.D. Rochester, 1980.

Richard P. Phipps, and *Microbiology and Immunology and Pediatrics*. B.S.M.T. Loyola, 1977; Ph.D. Medical College of Virginia, 1980.

Taft Y. Toribara, part-time, Emeritus. B.S. University of Washington, 1938; M.S. 1939; Ph.D. University of Michigan, 1942.

Bernard Weiss, and *Pharmacology and Physiology*. B.A. New York University, 1949; Ph.D. Rochester, 1953.

Adjunct Professors

R. Hays Bell. B.S. Grove City, 1964; M.S. Ohio State, 1967; Ph.D. 1969.

Joel G. Pounds. B.A. Olivet Nazarene, 1971; M.D. Wisconsin, 1973; Ph.D., 1977.

Allen E. Silverstone. B.A. Reed, 1964; Ph.D. Massachusetts Institute of Technology, 1970.

Associate Professors

Raymond B. Baggs, and *Laboratory Animal Medicine, and Pathology and Laboratory Medicine*. B.A. Reed, 1964; B.S. Washington State, 1965; D.V.M. University of California (Davis), 1969; Ph.D. Massachusetts Institute of Technology, 1972.

Christopher Cox, and *Biostatistics*. B.A. Brown, 1967; Ph.D. University of Illinois (Urbana-Champaign), 1973.

Mark W. Frampton, and *Medicine*. M.D. New York University, 1973.

R. John Looney, and *Medicine*. B.A. Harvard, 1972; M.D. Rochester, 1976.

Gloria Pryhuber. B.S. Cornell, 1981; M.D. SUNY (Upstate), 1985.

Harold C. Smith, and *Pathology and Lab Medicine and Biochemistry and Biophysics*. B.S. Purdue, 1975; M.S. 1980; M.A. and Ph.D. SUNY (Buffalo), 1982.

Barry R. Stripp, and *Pediatrics and Oncology*. B.Sc. Bristol Polytechnic (U.K.), 1984; Ph.D. East Carolina, 1989.

Clinical Associate Professor

***Roger M. Oskvig**, and *Medicine*. B.A. Iowa, 1970; M.D. 1974.

Adjunct Associate Professors

Gary L. Diamond. B.S. Maryland, 1974; Ph.D. Minnesota, 1980.

Kevin E. Driscoll. B.S. Western Illinois, 1978; M.S. New York University, 1983; Ph.D. 1986.

Bruce P. Lanphear. B.A., M.D. Missouri (Kansas City), 1986; M.P.H. Tulane, 1988.

Richard W. Mast. B.S. Florida Southern, 1968; M.S. Tennessee, 1972; Ph.D. Albany Medical, 1976.

John L. O'Donoghue. V.M.D. University of Pennsylvania, 1970; Ph.D. 1979.

Assistant Professors

Bruce A. Barron. B.S. Villanova, 1979; M.D. Pennsylvania, 1983; M.S. Rochester, 1996.

Andrew I. Brooks. B.S. Cornell, 1991; M.S. Rochester, 1998; Ph.D. 1999.

Elsa C. Cernichiari. B.S. University of Buenos Aires, 1947; M.S. 1951.

Michael J. McCabe. B.S. Siena College, 1984; M.S. Albany Medical College, 1990; Ph.D. 1991.

Lisa Opanashuk. B.S. Rochester, 1985; M.S. 1992; Ph.D. 1994.

*Geographic Full-Time.

Michael A. O'Reilly, and *Pediatrics*. B.S. SUNY (Stony Brook), 1984; Ph.D. Cincinnati, 1989.

Robert J. Passalugo, and *Environmental Health and Safety*, part-time. B.S. SUNY (Brookport), 1972; M.S. Rochester, 1991.

Patricia J. Sime, and *Medicine-Pulmonary and Critical Care Unit*. B.Sc. University of Edinburgh (Scotland), 1985; M.B.Ch.B. 1988.

Alice R. A. Villalobos. B.S. Loyola Marymount, 1986; Ph.D. University of Arizona, 1993.

Adjunct Assistant Professors

Laura E. Kerper. B.A. SUNY (Purchase), 1982; Ph.D. Rochester, 1993.

Alan J. Knauf. B.S. Massachusetts Institute of Technology, 1977; J.D. University of Michigan, 1980.

Daniel Widzowski. B.S. Cornell, 1985; M.S. Rochester, 1991; Ph.D. 1993.

Thomas R. Zastowny, and *Psychiatry (Psychology)*. B.A. SUNY (Brookport), 1973; M.A. Rochester, 1977; M.A. and Ph.D., 1983.

Peter L. Zavon. B.A. Boston, 1976; M.S. Cincinnati, 1984.

Research Assistant Professors

Alison C. P. Elder. B.S. Chatham College, 1992; Ph.D. University of California (Irvine), 1997.

Ellen C. Henry. B.S. Toronto, 1975; M.S. Rochester, 1979; Ph.D. 1984.

Dina G. Markowitz. B.A. Brandeis, 1984; Ph.D. Columbia, 1989.

Susan Reynolds. B.A. Virginia, 1980; M.S. Rochester, 1985; Ph.D. 1991.

Sander Stern. A.B. Grinnell, 1965; M.A. Western Michigan, 1969; Ph.D. University of North Carolina, 1974.

Daria P. Vorojeikina. M.S. Lvov State University (Ukraine), 1951; Ph.D. Academy of Sciences of USSR (Moscow), 1981.

Associates

Robert H. Gelein. B.S. Wisconsin State, 1965.

F. Raymond Gibb, part-time. B.A. New York State College of Teachers, 1953; M.S. Rochester, 1961.

Senior Instructors

Karl Auerbach. B.S. Stevens Institute of Technology, 1965; M.S. Polytechnic Institute of Brooklyn, 1970; M.D. Rochester, 1975; M.B.A. 1979.

Linda Karbonit. B.S. Marian College, 1976; D.O. Ohio University, 1981; M.P.H. George Washington University, 1996.

Instructor

P. Andrew Karam. B.A. Ohio State, 1993; M.S., 1998.

DEPARTMENT OF FAMILY MEDICINE

The Department of Family Medicine was originally established in 1967 as a residency program located at Highland Hospital, one of the University's affiliated hospitals. In 1979, the family medicine program became a division within the Department of Preventive, Family, and Rehabilitation Medicine, and in 1987, a separate department of the medical school, based primarily at Highland Hospital. Members of the Department contribute to a number of courses in the medical school curriculum. The Department's accredited residency program is one of the oldest and most respected in the country. Faculty research efforts are focused on family systems, reproductive health, and health services delivery.

COURSES AND CLERKSHIPS

The Department of Family Medicine participates fully in clinical and classroom-based education throughout all four years of the medical school curriculum. Family Medicine clinical sites reflect a commitment to training students in the care of the underserved in rural and inner-city areas. Classroom teaching programs emphasize a multidisciplinary, biopsychosocial approach to care.

Family Medicine preceptors and faculty form the backbone of the clinical strand in the first two years of the Double Helix Curriculum: Introduction to Clinical Medicine and the Ambulatory Clerkship. The Department provides a large portion of the clinical placements, and provides seminars and conferences on management of chronic disease, prevention, physical examination skills, evidence-based care, home care, palliative care, mental health, family dynamics, and communication skills.

