

**ROSTER OF MEMBERS OF THE
CONGRESSIONALLY - ESTABLISHED DIABETES
RESEARCH WORKING GROUP**

C. Ronald Kahn, M.D., Chairman
Director, Joslin Diabetes Center
Mary K. Iacocca Professor of Medicine
Harvard Medical School
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Vice President
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Nancy Cox, Ph.D.
Assistant Professor
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University of Chicago
Chicago, IL

Lee Ducat
Founder, Juvenile Diabetes Foundation
President, National Disease Research
Interchange/Human Biological Data Interchange
Chicago, IL

Joyce C. Dugan
Principal Chief
Eastern Band of Cherokee Indians
Cherokee, NC

Robert N. Frank, M.D.
Professor Ophthalmology, Anatomy and Cell Biology
Kresge Eye Institute
Wayne State University School of Medicine
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James R. Gavin III, M.D., Ph.D.
Senior Scientific Officer
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Willa Ann Hsueh, M.D.
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Professor of Psychiatry and Human Behavior
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Stephen Smith

Chairman, Government Relations Committee
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Michael P. Stern, M.D.

Chief, Division of Clinical Epidemiology
University of Texas Health Science Center at San
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Biographies of Diabetes Research Working Group (DRWG) Members

C. Ronald Kahn, M.D.

Dr. Kahn, chairman, Diabetes Research Working Group, is director of the Joslin Diabetes Center, executive vice president of the Joslin Clinic, and Mary K. Iacocca Professor of Medicine at Harvard Medical School. He received his B.A. and M.D. degrees from the University of Louisville in 1964 and 1968, respectively. After his internship and residency at Barnes Hospital in St. Louis, he moved to the National Institutes of Health in 1970, where he focussed on diabetes research for the next decade. In 1979, he was appointed chief of the section on Cellular and Molecular Physiology in the Diabetes Branch of the National Institute of Arthritis, Diabetes, Digestive, and Kidney Diseases. In 1981 he assumed his faculty appointment at Harvard Medical School and was named director of the Research Division of the Joslin Diabetes Center; in 1997 he was named overall director. Dr. Kahn's main research interest is in Type 2 diabetes, specifically insulin action and insulin receptor biology, including creation and use of insulin receptor knock-out models. He has authored or co-authored over 460 research articles and several textbooks. His numerous awards and honors include the Eli Lilly Award and Banting Medal for Distinguished Scientific Achievement of the American Diabetes Association, the Cristobal Diaz Award of the International Diabetes Federation, and the Astwood Award of the Endocrine Society. He also holds honorary Doctor of Science degrees from the University of Louisville and the University of Paris. He has served on the National Diabetes Advisory Board, was president of the American Society of Clinical Investigation, and has served on editorial boards of numerous scientific and medial journals. He is currently a member of the National Diabetes, Digestive, and Kidney Diseases Advisory Council.

Jose F. Caro, M.D.

Dr. Caro, vice-president, Endocrine Research and Clinical Investigation at Lilly Research Laboratories, is the DRWG's only industry representative. He was Magee Professor of Medicine and chairman of the department, Jefferson Medical College of Thomas Jefferson University (Philadelphia) from 1991 - 1996; from 1989 – 1991 he was director, East Carolina University Diabetes Center, Greenville, North Carolina. He has authored or co-authored more than 200 articles, focussing primarily on diabetes and obesity, and has served as a consultant to the National Institutes of Health and the American Diabetes Association. He has served as associate editor and on the editorial board of several scientific journals. He obtained his medical education at the School of Medicine, Madrid, Spain and in Montevideo, Uruguay. His residency in internal medicine at Thomas Jefferson University Hospital was followed by fellowships at the same institution, and at Strong Memorial Hospital, University of Rochester School of Medicine and Dentistry.

Nancy Cox, Ph.D.

Nancy Cox received a Ph.D. in Human Genetics from Yale University in 1982. Her research focus is on the development of methods to identify genes that influence the risk of developing common diseases. For the past 14 years, her primary research interest has

been the identification of genetic variation that influences with risk of developing diabetes, with ongoing research projects on Type 1 and Type 2 diabetes and polycystic ovary syndrome. She is one of the founders of the International Type 2 Diabetes Linkage Analysis Consortium, which has brought together scientists from the U.S., Europe, and Asia to pool all available data in the effort to localize genes that influence the risk of developing Type 2 diabetes. Reinforcing the leadership role that diabetes has traditionally played in genetic studies of complex disorders, this consortium is the largest current effort to map genes for a common disease with complex transmission.

Lee Ducat

Throughout a long and distinguished volunteer career, Lee Ducat has been a steadfast advocate for diabetes research, for procurement of human tissues and organs for scientists, for genetic research using family data, and for NIH initiatives. In 1970 she founded the Juvenile Diabetes Foundation International (JDF), and is credited as founder and implementer of systems which, in support of research into diabetes and its complications, cut across government agencies, the NIH, and the Centers for Disease Control. Legislation she developed in partnership with Senator Richard Schweiker led to government support of diabetes research. Following JDF, in response to the need for human organs and tissue for diabetes research (especially human pancreata for islet cell transplant research), she established the National Disease Research Interchange, which now annually procures over 14,000 human tissues of all types for 300 scientists in all major areas of study. She is also a founder of the National Diabetes Research Coalition, which bands together the largest diabetes centers in the country. The author of a book for parents of children with diabetes (Harper & Row), Ms. Ducat holds an honorary doctorate from the Women's Medical College of Pennsylvania and has served on numerous federal boards, including various NIH bodies, the President's Panel on Organ Transplantation, and the Women's Health Initiative Clinical Trials.

Joyce Elaine Conseen Dugan

Ms. Dugan is Principal Chief, Eastern Band of Cherokee Indians. She is a member of the Eastern Band of Cherokee Indians and a native of western North Carolina. She holds the BS (*cum laude*) and MS degrees in education from Western Carolina University. From 1975-1995 she worked in the Cherokee Central School system, first as a teacher, then as a director, and, in her last five years, as Superintendent of Schools. In 1995 she became the first woman to be elected Principal Chief of the Tribe. She has received the North Carolina Distinguished Woman Award, the *Asheville Citizen/Times* Citizen of the Year Award, and the Western Carolina University Alumni of the Year Award. Since 1997, when the Tribe opened a \$82 million casino (managed by Harrah's Entertainment, Inc.), her leadership has seen establishment of new administrative structures such as separate cultural and legal divisions; a Tribal Endowment and Minor's Fund; a centralized Tribal Child Care facility (including a Cherokee Language Immersion project); and an urgent care health clinic and pharmacy. Future projects include adoption of a new Constitution and corresponding Tribal Code, and establishment of a Diabetes Center, which will include both dialysis and prevention programs.

Robert N. Frank, M.D.

Dr. Frank, co-chair, Diabetes Research Working Group Subgroup on Microvascular Complications, is professor of ophthalmology, anatomy, and cell biology in the Kresge Eye Institute at Wayne State University School of Medicine in Detroit. He received his A.B. from Harvard College in 1961 and his M.D. from Yale Medical School in 1966. His medical internship at Grady Memorial Hospital, Emory University School of Medicine in Atlanta, was followed by a postdoctoral fellowship and a residency in ophthalmology at the Wilmer Institute, Johns Hopkins University School of Medicine in Baltimore. From 1972 to 1976, Dr. Frank was a senior staff ophthalmologist in the clinical branch of the National Eye Institute of the National Institutes of Health. In 1976 he joined the Wayne State University School of Medicine faculty as associate professor, Department of Ophthalmology. He now holds professorships in that department and the Department of Anatomy and Cell Biology. His primary research interest is diseases of the retina, including diabetic retinopathy. He is the author or co-author of over 100 scientific papers and holds numerous special appointments.

James R. Gavin, III, M.D., Ph.D.

Since 1991 Dr. Gavin has been a senior scientific officer of the Howard Hughes Medical Institute in Chevy Chase, MD. Prior to that appointment, he served at the University of Oklahoma Health Sciences Center as William K. Warren Professor of Diabetes Studies; as professor of medicine; as chief, Diabetes Section; and as chief, Section of Endocrinology, Metabolism and Hypertension. He holds a B.S. in chemistry from Livingstone College, a Ph.D. in biochemistry from Emory University, and an M.D. from Duke University Medical School. A past president of the American Diabetes Association, Dr. Gavin is a member of the Endocrine Society, the American Society for Clinical Investigation, the American Association of Physicians, the American Association of Academic Minority Physicians, and the Institute of Medicine of the National Academy of Sciences. He has received numerous civic and academic awards and honors. He presently serves as senior program consultant and director of the Minority Medical Faculty Development Program of the Robert Wood Johnson Foundation and is a member of its board of trustees. His research interests have focused on insulin resistance and diabetes. He has authored in excess of 160 original papers, book chapters and scientific abstracts.

Willa Hsueh, M.D.

Dr. Hsueh is chief of the division of Endocrinology, Diabetes and Hypertension at the University of California, Los Angeles School of Medicine. She received her medical education at Ohio State University and completed her internship and residency at Johns Hopkins Hospital. Dr. Hsueh subsequently was awarded endocrinology fellowships at Johns Hopkins Hospital and Stanford University School of Medicine. She is a member of many scientific and professional associations and has acted as consultant to a number of scientific advisory committees, including the National Heart, Lung and Blood Institute of the National Institutes of Health. She has served on the editorial boards of numerous journals, including *Journal of Clinical Investigation*, *Journal of Endocrinology and Metabolism*, *Hypertension*, *American Journal of Physiology*, and *Diabetes*. Dr. Hsueh received the Harry Goldblatt award of the American Heart Association for her basic

research efforts. She has been honored for her excellence in practice and research, including the 1996 Best Doctor in America Award in the area of endocrinology. She has lectured extensively at national and international meetings and written over 100 publications on the renin angiotension system, vascular effects of insulin-sensitizing agents, and the association of insulin resistance with hypertension and coronary artery disease.

Hugh O. McDevitt, M.D.

Dr. McDevitt is professor of medicine and Avery Professor of Immunology at Stanford University School of Medicine. He received his B.A. degree from Stanford University (1952) and his M.D. degree from Harvard University School of Medicine (1955). His medical internship was at Peter Bent Brigham Hospital, Boston, and his residency was at Bellevue Hospital, New York. He was a postdoctoral research fellow in the department of Bacteriology and Immunology at Harvard Medical School from 1959 to 1961, and an instructor in that department from 1964 to 1966. He began as assistant professor of medicine, Department of Medicine, Stanford University School of Medicine in 1966. He became professor of Medicine in 1972, professor of Microbiology and Immunology in 1978, and Avery Professor of Immunology in 1988. He was chairman of the department of Microbiology and Immunology from 1986 to 1990. Dr. McDevitt's research applies to a wide variety of autoimmune diseases, including diabetes mellitus, rheumatoid arthritis, and multiple sclerosis. Specific areas of interest include: Attempts to correlate Class II MHC genetic polymorphism with susceptibility and resistance to a wide variety of autoimmune diseases; the use of monoclonal antibodies and other strategies to alter the expression and/or function of Class II MHC antigens; analysis of the role of MHC Class II genes in presenting self antigens in the autoimmunity seen in Type I diabetes and in experimental allergic encephalomyelitis. The author or co-author of nearly 350 research articles, he has received numerous national and international honors, including election to the Institute of Medicine, the Paul Erlich Prize, an honorary doctoral degree from the University of Paris, membership in the Royal Society (London), and the Albion Walter Hewitt Award.

Douglas Melton, Ph.D.

Dr. Melton is chairman of the department of Molecular and Cellular Biology and investigator at the Howard Hughes Medical Institute at Harvard University. He received a B.S. degree from the University of Illinois at Champaign-Urbana in 1975; a B.A. degree from Cambridge University in Cambridge, England, in 1977; and a Ph.D. in molecular biology from Trinity College & MRC Laboratory of Molecular Biology at Cambridge in 1980. Dr. Melton has been at Harvard since 1981 and was named chairman of the department of Molecular and Cellular Biology in 1998. He also holds positions with the Children's Hospital in Boston and Massachusetts General Hospital. Dr. Melton's main research interest is in pancreatic development; he has published more than 20 research articles in the past five years alone. A member of the National Academy of Sciences, he has received numerous awards and honors, including a Marshall Scholarship, the Camille and Henry Dreyfus Award, the American Society of Biochemistry and Molecular Biology

Young Investigator Award, and the Richard Lounsbery Award of the National Academy of Science.

Christopher B. Newgard, Ph.D.

Dr. Newgard is the holder of the Gifford O. Touchstone, Jr. and Randolph G. Touchstone Distinguished Chair in Diabetes Research, and is professor, Departments of Biochemistry and Internal Medicine, at the University of Texas Southwestern Medical Center at Dallas. He received his undergraduate training in biology at Duke University, his Ph.D. in biochemistry at the University of Texas Southwestern Medical Center at Dallas; he received postdoctoral training in the Department of Biochemistry and Biophysics, University of California, San Francisco. His research focuses on using the tools of molecular biology to create new therapies for both major forms of diabetes. He also studies metabolic regulatory mechanisms that relate to control of glucose and lipid homeostasis. Dr. Newgard has served on a variety of National Scientific Boards and panels and has received numerous awards and honors.

Daniel Porte, Jr., M.D.

Dr. Porte is director of research and development at the VA Puget Sound Health Care System (Seattle) and professor of medicine at the University of Washington. He completed his medical school training with honors at the University of Chicago Medical School and completed his residency and endocrinology fellowship at the University of California, San Francisco. He has been a member of the staff at the Seattle VA Medical Center and a member of the faculty at the University of Washington since 1965. Dr. Porte's research interests are the role of beta cell dysfunction in the pathophysiology of Type 2 diabetes and the role of peripheral signals, particularly insulin, in the regulation of body weight. Among his numerous awards are the Banting Medal for Outstanding Scientific Achievement (American Diabetes Association) in 1990, the Albert Renold Award in 1995 (American Diabetes Association), and the William S. Middleton Award for scientific achievement (Department of Veterans Affairs) in 1996. He was recently honored with the Mayo Soley Award from the Western Society of Clinical Investigation.

Stephen H. Smith

Stephen Smith is the chairman of the American Diabetes Association Governmental Relations Committee and a member of its national board of directors. He is the founder of the Diabetes Initiative of South Carolina, a quasi-governmental consortium of public and private agencies providing a statewide comprehensive program of diabetes research, translation, and outreach. As president of Capitol Strategies, Inc., Mr. Smith has served as a professional government relations specialist and association executive for the past 24 years, including tenure as president of Community Financial Institutions of SC and national president, Savings Association Trade Executives. He is a graduate of the University of South Carolina and resides in Columbia, South Carolina.

Emily J. Spitzer, Esq.

Emily J. Spitzer, Esq. has been a member of the Capitol Chapter of the Juvenile Diabetes Foundation (JDF) since 1989 and is a past Chapter board member and VP of Government

Relations. On JDF's International Board she serves as a member of the Lay Advisory Board for research and the Government Relations Committee. As outgoing Research Chair, she was honored for her work in spearheading the JDF Research Taskforce at JDF's 1998 Annual Conference. Outside JDF, she works with the Board of the Sheridan School on the issue of gender equity in schools. She is also past Chairman of the Board of CCBC Children's Center. Her professional associations include the American Bar Association and the Women's Bar Association of the District of Columbia. She has two daughters and lives in Washington, D.C.

Michael P. Stern, M.D.

Dr. Stern is professor of medicine and chief of the Division of Clinical Epidemiology at the University of Texas Health Science Center at San Antonio. He has been on the research faculty there since 1976. Dr. Stern received his B.A. degree from Harvard University and his M.D. degree from the University of Pennsylvania School of Medicine. His major research interests are epidemiology and genetics of Type 2 diabetes and cardiovascular disease in Mexican Americans and non-Hispanic whites. He has published over 200 scientific articles and is the recipient of many awards and honors. A member of several professional organizations, he has served on numerous federal advisory committees.

Rena Wing, Ph.D.

Dr. Wing is professor of psychiatry, psychology, and epidemiology at the University of Pittsburgh, and director of the University of Pittsburgh Obesity/Nutrition Research Center, funded by the National Institutes of Health (NIDDK). In addition, she has recently been appointed professor of psychiatry and human behavior at Brown University, and director of the Weight Control and Diabetes Research Program at that institution. Her interest is in behavioral approaches to obesity, with emphasis on both prevention and treatment of obesity and obesity-related diseases. Currently, she is the principal investigator for the Pittsburgh center of the Diabetes Prevention Program (DPP) and is responsible for developing and coordinating the lifestyle intervention being implemented at all 25 DPP sites.