



NEWS ABOUT UB'S SCHOOL OF MEDICINE AND BIOMEDICAL SCIENCES AND ITS ALUMNI, FACULTY, STUDENTS AND STAFF

A U T U M N 2 0 0 4

Pathways

UB Distinguished Professors Named

Six faculty members were named UB Distinguished Professors this spring, four of whom are affiliated with the School of Medicine and Biomedical Sciences.

The UB Distinguished Professor designation recognizes faculty members who have been a full professor for at least five years and who have achieved national or international prominence and a distinguished reputation within their field through significant contributions to the research/scholarly literature or through artistic performance or achievement in the fine arts.

The new UB Distinguished Professors in the School of Medicine and Biomedical Sciences are:

Paresh Dandona, MD, professor in the Department of Medicine and founding director of Kaleida Health's Diabetes-Endocrinology Center of Western New York.



Dandona

One of the world's leading experts in the treatment of diabetes and vascular disease, Dandona joined the UB faculty in 1991 after 16 years at the Royal Free Hospital School of Medicine at the University of London, England.

His current research interests include insulin resistance, inflammation and atherosclerosis; pro-oxidative and pro-inflammatory effects of macronutrients; and

anti-oxidative and anti-inflammatory effects of insulin and insulin sensitizers, TZDs.

An adjunct professor in the UB Department of Pharmacology and Toxicology and head of the Division of Endocrinology in the medical school and at Kaleida Health/Millard Fillmore Hospital, Dandona has authored or co-authored more than 400 publications and has presented at many conferences on diabetes and endocrine disorders.

He also serves as a consultant endocrinologist at Roswell Park Cancer Institute, Lakeside Memorial Hospital in Brockport and Lakeshore Healthcare Center in Irving, as well as for Kaleida.

Dandona earned a bachelor's degree in chemistry from Allahabad University, a medical degree from All India Institute of Medical Sciences and a doctorate from Oxford University, where he was a Rhodes Scholar.

Timothy F. Murphy, MD, professor of medicine and microbiology, and chief of the Division of Infectious Diseases. A UB faculty member since 1981, Murphy has had a long-standing interest in ear infections in children and respiratory tract infections in adults with chronic lung disease. He holds several



Murphy

patents involving vaccines, including the P6 protein, which he discovered and has been studying for nearly 20 years. Murphy's research, conducted at the Buffalo Veteran's Affairs Medical Center, has been funded continuously by the National Institutes of Health since 1983 and the Veterans Administration since 1993. He has published more than 100 articles in peer-reviewed journals, as well as more than 20 book chapters. He currently serves on the editorial board of the *Journal of Infection* and the *European Journal of Clinical Microbiology and Infectious Diseases*, and is a reviewer for numerous other professional journals, including

Maloneys Establish Scholarship Fund

Milford Maloney, MD '53, and his wife, Dione, have established the Milford C. Maloney and Dione E. Maloney Scholarship Endowment Fund to benefit students enrolled at the University at Buffalo School of Medicine and Biomedical Sciences.

"Dione and I have been richly blessed in this life, in part due to the medical education I received at UB," says Maloney. "By providing this scholarship, we hope to extend this possibility to students pursuing a medical degree at UB, today and into the future."

Maloney earned a bachelor of science degree in chemistry from Canisius College in 1947, after which he enrolled in the Evening School Master's Program in organic chemistry while working during the day as a research chemist at the Buffalo Electrochemical Company. In 1949, he entered medical school at UB. At the start of his sophomore year he met Dione and the couple was married in 1950. Both fondly remember attending graduation ceremonies two years later with their one-year-old son Kevin in a stroller.

"Since he seemed lonesome, we provided him with four brothers and four sisters to keep him company," recalls Maloney with a chuckle. Today, the Maloneys have 19 grandchildren and a great grandchild. This fall, one of their grandsons, John Maloney, started his second year of medical school at UB.

Maloney practiced internal medicine and cardiology in Buffalo from 1960 to 1994. He is the former chair of the Department of Medicine and program director of the UB affiliated Internal Medicine Residency Program at Mercy Hospital in Buffalo. Over the course of his career he served as president of the Medical Society of Erie County, Western New York Society of Internal Medicine, Heart Association of Western New York, New York State Society of Internal Medicine, American Society of Internal Medicine and the Medical Alumni Association at the School of Medicine and Biomedical Sciences. **BP**

—S. A. Unger



Dione and Milford Maloney

the *New England Journal of Medicine* and the *Journal of the American Medical Association*.

He earned a bachelor's degree from New York University and a medical degree from Tufts University School of Medicine.

William Pelham, Jr, PhD, professor of psychology, pediatrics and psychiatry, and director of the Center for Children and Families. Pelham is one of the leading researchers in attention deficit-hyperactivity disorder (ADHD) in the U.S. He joined the UB faculty in 1996 after serving for 10 years on the faculty of the University of Pittsburgh, where he directed the ADHD Program at the University of Pittsburgh School of Medicine.

In addition to directing

UB's ADHD program, Pelham conducts a highly successful behavior-modification summer program at the university for children with ADHD, which has been named by the American Psychological Association as a Model Program in Service Delivery in Child and Family in Mental Health.

Over the years, Pelham has studied many aspects of ADHD, including the nature of cognitive deficit; peer relationships; diagnosis; pharmacological, psychosocial and combined treatments; motivation and persistence; family factors, such as parental alcohol problems; service delivery, and outcome.

He is a principal investigator on the National Institute



Pelham

of Mental Health Multi-Site Treatment Study for ADHD, a clinical trial investigating effective treatments for ADHD, and currently holds 10 other grants from NIMH, National Institute on Drug Abuse, National Institute on Alcohol Abuse and Alcoholism, National Institute of Neurological Disorders and Stroke, and several pharmaceutical companies.

In May 2004, Pelham was one of 13 academic leaders selected to be a mentor in the American Psychological Association/Institute of Education Sciences Postdoctoral Education Research Program, a new postdoctoral fellowship training program designed to boost research on the

application of psychological science to education.

He received a bachelor's degree from Dartmouth College and a doctorate in clinical psychology from Stony Brook University.

—SUE WUETCHER

Mulchand S. Patel, PhD.

Editor's note: In addition to being promoted to UB Distinguished Professor, Mulchand S. Patel, PhD, professor in the Department of Biochemistry and associate dean for biomedical research and education, also was named this year's recipient of the Stockton Kimball Award. For more on Patel's receipt of this award, his career and accomplishments, turn to page 31. **BP**



Pictured, far left to right, are Glen Gresham and Albert and Linda Rekate; left are Dean Margaret Paroski and Rekate.

Albert Rekate, MD '40, Honored

On July 28, 2004, a dinner reception was held at the Buffalo Marriott to honor Albert Rekate, MD '40, for his many contributions to the UB School of Medicine and Biomedical Sciences.

Rekate is professor of medicine emeritus and founding chair of the UB Department of Rehabilitation Medicine. In 1990 he established an endowment in the School of Medicine and Biomedical Sciences in honor of Glen Gresham, MD, professor and chair of the department from 1978 to 1998.

Each year, The Glen E. Gresham, M.D. Visiting Professorship in Rehabilitation Medicine supports a visiting professor who, over the course of two days, participates in rounds, clinical conferences, a didactic presentation and other teaching activities.

At the dinner, Gresham presented Rekate with a *History of the Department of Rehabilitation Medicine*, dedicated in his name.

In presenting the history, Gresham explained that Rekate established the Division of Rehabilitation Medicine Services in the UB Department of Medicine in 1965. In 1972, the division became a full department and Rekate served as its acting chair until 1975.

In 1965, Rekate took a lead role in establishing the UB School of Health

Related Professions and served as acting and then associate dean for the school until 1974.

"A cardiologist and professor of medicine, Dr. Rekate was the first major figure at UB to appreciate the importance of medical rehabilitation and dedicated himself to establishing and supporting the major programs in this area," said Gresham. "In addition, he has continued to support Rehabilitation Medicine at UB with sage counsel and generous endowments."

From 1970 to 1973, Rekate served as director of the E.J. Meyer Memorial Hospital and played a decisive role in planning its new building and transition to Erie County Medical Center (ECMC). Rekate included exemplary facilities for rehabilitation medicine in the new ECMC, which has subsequently developed the Western New York centers for spinal cord injury and traumatic brain injury rehabilitation.

Throughout the 1960s, '70s and '80s Rekate conducted an annual Summer Fellowship Program in Rehabilitation Medicine for medical students, and in 1971 he brought the Veterans Affairs Residency Training Program in Physical Medicine and Rehabilitation into the UB department.

In 1982, Rekate received the prestigious Samuel P. Capen Award from UB, and in 1983 he received the School of Medicine and Biomedical Sciences' Dean's Award.

At the close of the dinner, Margaret W. Paroski, MD '80, interim dean of the School of Medicine and Biomedical Sciences, joined Gresham in presenting Rekate and his wife, Linda, with a copper buffalo in recognition of their generous gifts and support for the school over the years.

—S. A. Unger




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Living Well *with Disability*

Partnering with the Community

This past summer, the Center for Functional Assessment Research (CFAR) sponsored an eight-week program called “Living Well with Disability” for people with physical disabilities. CFAR is the academic and research division of the Uniform Data System for Medical Rehabilitation (see article, below).

Living Well with Disability was supported by a grant from the New York State Department of Health’s Disability and Health Program. Principal investigator was Carl V. Granger, MD, professor and chair-emeritus of the Department of Physical Medicine and Rehabilitation in the UB School of Medicine and Biomedical Sciences, CFAR director, and an internationally recognized authority in the field of rehabilitation medicine.

The program’s workshops focused on development of behaviors for healthy living, self-empowerment, self-awareness, and self-motivation. Sessions addressed such topics as pursuit of life goals, overcoming obstacles, effective communication, physical activity, adaptive sports, volunteerism, companion/therapy animals, and advocacy.

In a letter to UB President John B. Simpson, PhD, the twelve Living Well participants recognized Granger and co-facilitators Carol Brownschidle, PhD, Tom Hagerty and Dave Leonard for making the program an uplifting, positive educational experience, so much so that the entire group has asked to continue to meet monthly after the formal conclusion of the workshops in June.

Currently there is a waiting list for continuation of Living Well beyond the current grant award. Additional funding is being sought to continue the workshops and potentially reach out to more underserved urban and rural areas of Western New York.

For more information on the Living Well with Disability Program, contact Dr. Brownschidle at cmbgrants@aol.com.

Uniform Data System for Medical Rehabilitation

—A brief history

As professor of physical medicine and rehabilitation at UB, Carl Granger, MD, in collaboration with a national advisory taskforce, developed the Functional Independence Measure, or FIM™, an easy-to-use rehabilitation assessment tool that allows trained personnel to assign a numerical value—the FIM rating—to a patient’s ability to function, based on performance of 18 physical and mental tasks that represent a basic daily routine of personal-care activities.

In 2002, the federal Centers for Medicare and Medicaid Services—formerly called the Health Care Financing Administration—selected the FIM as the assessment instrument to be used by rehabilitation hospitals to document requests for prospective payment for inpatient rehabilitation treatment.

The FIM instrument now is used by 1,400 facilities in 50 states and the District of Columbia and has been translated into several languages.

*In conjunction with the FIM instrument, Granger established the Uniform Data System for Medical Rehabilitation (UDSMR), a nonprofit business, to provide reports and store the data for their FIM and other functional assessment instrument users. The database now holds information on more than 4 million adult and children inpatients and outpatients, comprising the largest database of medical rehabilitation treatment outcomes in the world. UDSMR is a division of UB Foundation Activities, Inc. **BP***

—Lois Baker

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Dean's Award

The Dean's Award is given in special recognition of extraordinary service to the School of Medicine and Biomedical Sciences.

This year Interim Dean Margaret Paroski, MD '80, presented the award to Monica Spaulding, MD, professor of medicine and otolaryngology and former chief of oncology at the Buffalo Veteran's Affairs Medical Center. Spaulding also is chair of the Institutional Review Board and director of admissions for the Medical Scientist Training Program in the School of Medicine and Biomedical Sciences.

In presenting the award, Dean Paroski focused on Spaulding's work this past year as president of the school's Faculty Council.

"Monica did a fantastic job as president of the Faculty Council," says Paroski. "Committees associated with the council have substantive assignments and play a meaningful role in the governance of the school."

"Monica invited interesting guests from our affiliated hospitals and the North Campus to speak at council meetings, an effort that greatly contributed to helping keep our geographically diverse faculty connected and informed. It was clear that Monica's approach was in sync with what the faculty wanted because the council meetings—which were often 'standing-room only'—were filled with lively conversation."

"The effort that Monica expended rejuvenating Faculty Council was outstanding and certainly deserves recognition."

A native of Eau Claire, WI, Spaulding graduated from Radcliffe College and the Medical College of Wisconsin. Following residency training at Johns Hopkins Hospital, she completed a fellowship in oncology at Johns Hopkins School of Medicine and a fellowship in hematology at Yale University School of Medicine. Prior to moving to Buffalo in 1976, she served as assistant professor of clinical medicine at Yale University.

—S. A. Unger



Monica Spaulding, MD

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Naughton Award

The Naughton Award, which recognizes a non-faculty individual who has made significant contributions to the School of Medicine and Biomedical Sciences, was established in 2000 by John Naughton, MD, dean of the school from 1976 to 1996. Such an individual, the award states, is one who, "day in and day out, in his or her own quiet way, makes our school, with its affiliated teaching hospitals, a stronger, healthier and happier place for the rest of us to learn, work, conduct research, provide patient care and teach."

This year's winner of the Naughton Award is Nancy Cronk, coordinator for the first- and second-year integrated curriculum. In this role, Cronk provides full support to the module leaders, including the preparation of lecture schedules, manuals and course evaluations; maintenance of lecture, exam and grade files; and the scheduling of rooms and audiovisual reservations, as well as other day-to-day responsibilities that keep the teaching stations, laboratories and lecture rooms functioning in a coordinated fashion. In addition, she provides staff support for the Phase I Committee and the Module Leaders Committee.

"Nancy Cronk is an omnipresent, tireless 'caretaker' of the new integrated curriculum, who assists both faculty and students with their myriad needs. We owe her a tremendous debt of gratitude," says Nancy Nielsen, PhD, MD '76, interim senior associate dean for medical education, who nominated Cronk for the award.

"I am very touched and honored to receive the Naughton Award," says Cronk. "Early on in my career, I was fortunate to have a leader who led by example. Dr. [John] Wright taught me that students were not an interruption in my work, but rather my customers to serve as a high priority. I feel blessed to have served thousands of UB medical, dental and graduate students over the past 35 years, as well as a large number of faculty and staff."

—S. A. Unger

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Nancy Cronk

Stockton Kimball Award

The Stockton Kimball Award honors a faculty member for academic accomplishments and worldwide recognition as a researcher. Stockton Kimball, MD '29, was dean of the UB School of Medicine from 1946 to 1958, and his contributions to the training of physicians in Buffalo spanned more than a quarter of a century.

The 2004 recipient of the Stockton Kimball Award is Mulchand S. Patel, PhD, associate dean for research and biomedical education, and professor of biochemistry.

Patel received a bachelor of science degree in chemistry from Gujarat University, a master of science degree in biochemistry from the University of Baroda, and a PhD in nutritional biochemistry from the University of Illinois, Urbana. After completing his doctorate, he was awarded a National Institutes of Health postdoctoral fellowship for study at the Fels Research Institute at Temple University School of Medicine. He then returned to visit the University of Baroda as a Fulbright Research Scholar.

In 1970, Patel was named assistant professor of research pediatrics (biochemistry) and research assistant professor of biochemistry at Temple University. Several years later, he was appointed associate professor of biochemistry at Case Western Reserve University School of Medicine, where, in 1986, he was promoted to professor.

In 1993, Patel joined the UB School of Medicine and Biomedical Sciences as professor and chair of the Department of Biochemistry, and the UB School of Public Health as adjunct professor in the Department of Nutrition. In 1999, he was named associate dean for research and biomedical education in the School of Medicine and Biomedical Sciences. Among other distinctions, Patel was honored in 2002 with the UB Sustained Achievement Award for Outstanding Achievements in Scholarly Activity in the Exceptional Scholar Program. In May 2004, he was promoted to UB Distinguished Professor.

Throughout his career, Patel has focused his research on the regulation of metabolism and the role of nutrition in metabolic status. His studies have been consistently funded for more than three decades, and he has published over 190 articles and book chapters. In addition, he has served on the editorial board for numerous journals, including the *Journal of Biological Chemistry* and the *American Journal of Physiology*, and as a NIH study section member on multiple review panels.

"Currently, Dr. Patel is conducting fascinating work in the area of metabolic programming and the development of obesity," says Suzanne Laychock, PhD, who chaired the award committee. "His research has demonstrated that early limited feeding of a high-carbohydrate diet in baby rats leads to persistent hyperinsulinemia and adult-onset obesity. Moreover, he has shown that a high carbohydrate diet in the young can program adult metabolism to the extent that offspring from obese mothers will also be metabolically programmed to become obese. His continuing studies are linking changes in brain neuropeptides to the metabolically programmed obesity syndrome."

Besides outstanding scholarship, the Stockton-Kimball awardee also must demonstrate significant service to UB. Since joining the university's faculty, Patel has been a member of numerous committees, most notably the Executive Committee of the School of Medicine, Faculty Council, the Task Force on Graduate Student Education, and the School of Medicine Curriculum Task Force. He has taught biochemistry to graduate and medical students for the past 35 years and has trained 20 graduate students and 50 postdoctoral fellows over his career.

"This outstanding balance of sustained excellence in research, teaching and service is what makes Mulchand Patel an exemplary academic scientist and a valued faculty member," says Laychock. "The Stockton-Kimball Award is a testament to the fact that he is not only one of our university's most talented researchers, but also a generous and concerned member of the UB community."



Mulchand Patel, PhD



2004 Humanism Award

Myron Glick, MD '93, assistant professor of clinical family medicine and head physician at Jericho Road Family Practice, was presented with the University at Buffalo School of Medicine and Biomedical Sciences' Humanism in Medicine Award at this year's White Coat Ceremony.

Nominations for the award are made by students in the clerkship years.

In presenting the award, Charles Severin, PhD, MD '97, interim associate dean of medical education and admissions, read a composite of the comments made by students who nominated Glick for the award.

"Throughout my medical school career, I have come into contact with many physicians whom I look up to and admire, be it for their clinical skills, personalities, work ethic, or interactions with patients. Dr. Glick, more than any physician I have been exposed to, embodies each of these attributes to the fullest.

"Above the office of Jericho Road Family Practice resides Journey's End relocation services for refugees seeking asylum in the United States. The building serves as a sort of social center for the neighborhood's diverse and underserved population.

"Dr. Glick welcomes immigrants and always has a translator available for such languages as Spanish, French, Congolese and Rwandan. Many of his patients live in poverty, suffer from mental illness or have substance abuse problems. To each, Dr. Glick extends the same love, professionalism and respect. He handles each patient as an individual, despite language and cultural barriers.

"In watching Dr. Glick work and while taking part in his daily clinics, I was truly impressed by the special bond that he has with his patients. His gentle demeanor, openness and caring nature place everyone at ease and lead to a high level of medical care. While he listens to his patients and always makes them feel welcome, at the same time, he is excellent at setting boundaries that encourage patients to take individual responsibility.

"By saluting Dr. Glick with the Humanism in Medicine Award for 2004, I believe that our university will not only give credit to one of Buffalo's finest, most caring and hardest working physicians, but can display his work as an example for all present and future physicians to follow."

Support for the Humanism Award is provided by the Healthcare Foundation of New Jersey.



Myron Glick, MD '93, left, this year's winner of the Humanism Award, with Hekmat Hakiman, Class of 2008, at the White Coat Ceremony.

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In Memoriam

AUTUMN 2004

George Thorn, MD '29

George W. Thorn, former chairman of the board for the Howard Hughes Medical Institute (HHMI) and pioneer in Addison's disease, died of respiratory failure June 26, 2004, at a rehabilitation facility in Beverly, MA. He was 98.

While a medical student at UB in the late 1920s, Thorn—in collaboration with UB physiology chair Frank A. Hartman—was among the first to study the use of adrenal extracts in Addison's disease. He subsequently devised a test for the disease that measures adrenal function by introducing adrenocorticotrophic hormone (ACTH), which is produced by the pituitary gland and normally stimulates the adrenal glands.

Widely recognized as a superb clinician, Thorn also was among the first to use the synthetic compound deoxycortisterone for treatment of the disease, which typically causes weight loss and severe weakness. An obituary in the *New York Times* further stated: "Dr. Thorn's work on cortisone and ACTH not only laid the groundwork for Addison's treatments used today but also led to advancement in the treatment of hypertension, rheumatoid arthritis and diabetes."

In addition, Thorn played an important role in the development of organ transplantation, serving as a member of the medical team that performed one of the first successful kidney transplants in the 1950s. He also was a founding editor and editor-in-chief of *Harrison's Principles of Internal Medicine*.

Early in his career, Thorn, a Buffalo native, taught at UB, Ohio State University and Johns Hopkins University. In 1942, he was named Hersey Professor of Theory and Practice of Physic at Harvard Medical School, and in 1969 he was appointed Samuel A. Levine Professor of Medicine at Harvard. From 1942 to 1972, he was chief of medicine at Peter Bent Brigham Hospital in Boston, now Brigham and Women's Hospital.

His affiliation with HHMI began in 1955, two years after its founding by the renowned aviation tycoon Howard Hughes. Initially Thorn was director of research and a member of the institute's medical advisory board. He played a key role in its growth and in its forming relationships with existing universities and research groups.

Much of Thorn's legacy grew out of his leadership of HHMI in the tumultuous

years after Hughes' death in 1976 (Hughes had no will and had made himself the sole trustee for years).

After Hughes' death, Thorn became a member of the institute's executive committee. From 1981 to 1984 he served as the HHMI's president and from 1984 to 1990, as chairman of the board of trustees.

Thorn received a host of honors and awards, including the Public Welfare Medal from the National Academy of Sciences, its most prestigious award, and the Gold Medal of the American Medical Association. (He received the AMA award—the highest conferred by the association—in 1939, just ten years after graduating from medical school at UB.) In 1943, he became one of the youngest persons to receive the Chancellor's Medal from UB.

In 1989, Thorn was named the first recipient the UB Medical Alumni Association's Distinguished Medical Alumnus Award.

"Throughout his career, Dr. Thorn returned to Buffalo to teach medical students at UB and to meet with clinical faculty, all of whom admired him greatly," recalls John Naughton, MD, dean of UB's School of Medicine and Biomedical Sciences from 1976 to 1997.

In addition, the UB Alumni Association annually presents the George W. Thorn Award to a UB graduate under the age of 40 who makes an outstanding national or international contribution to their career field or academic year.

Survivors include a son from his first marriage, Weston Thorn of New York, NY, and two stepchildren.



E. Russell Hayes, PhD **Distinguished Service Professor of Anatomy**

E. Russell Hayes, a UB distinguished service professor emeritus of anatomy, died June 6, 2004, at home in Delhi, NY, after a long illness. He was 87.

Born in Thomas Fork, OH, Hayes graduated from Ohio University in 1939 with a bachelor of arts degree. He then earned a doctorate from Ohio State University in 1947, after which he stayed at the university and taught anatomy to OSU medical and dental students.

In 1951 Hayes came to UB, where he also taught anatomy to students in both the dental and medical schools. Over the course of his career, he was graduate adviser to 15 doctoral students and teacher to more than 10,000 physicians and dentists.

Hayes was a charter member of the Histochemical Society, the American

Society for Cell Biology and the Electron Microscopy Society. He served on the UB School of Medicine and Biomedical Sciences' Admissions Committee and received the school's Distinguished Service Award in 1980. He retired in 1985.

Hayes is survived by his wife of 58 years, the former Nancy Padan; a daughter, Annie Kough of Delhi; two sons, Alan of Pittsfield, MA, and Kevin of Buffalo; and four grandchildren.

—S. A. Unger

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