

WE ARE MICHIGAN UROLOGY



Urology Faculty and PAs Retreat, August 2021

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GANESH S. PALAPATTU, MD, FACS

- Chair, Department of Urology [2019-Present] ●
- George F. and Sandy G. Valassis Professor of Urology [2012-Present] ●

DEAR FRIENDS

Welcome to the Centennial Celebration for the Department of Urology at the University of Michigan. It is indeed an honor and privilege for me to serve as our ninth chief of urology and newest caretaker. Over the past 100 years, Urology at Michigan has been at the forefront of scientific discovery and medical education. From fundamental science to clinical trials, from process, policy and economic analysis to implementation science—we have made a difference. From training academic and scientific thought leaders, including Nobel Prize winner Charles B. Huggins, MD, to exemplary clinicians in practice—we have made an impact. Few departments of urology around the country share as rich a history and tradition of excellence.



When Cabot started his tenure at the University of Michigan in 1919, the invention of the electric lamp by Edison and van Leeuwenhoek's microscope revolutionized care in urology, enabling visualization of the bladder (cystoscopy) and facilitating direct examination of its contents (microscopic urine analysis). Wappler continued this technical transformation by adding the capability of electrosurgery to the cystoscope. Fast forward to today, and we find ourselves in the era of precision medicine, robotic and minimally invasive surgery, telehealth and

stone dusting. While we do not know what our field will look like 100 years from now, I am confident that our Department will be involved in its development.

Come help us celebrate our past and launch our future. I cordially invite our alumni to return to Ann Arbor and share your stories with each other and the newest generation of U-M Urology residents in training. Our celebration began at the Nesbit Society Meeting October 3-5, 2019 and now culminates, albeit delayed, with the Centennial Gala November 4-6, 2021. I am proud of how resilient our department has

been through the challenges of the last 18 months. If you have any questions or thoughts, please don't hesitate to contact me (galapat@med.umich.edu). Go Blue!

– Ganesh



Arvin George and Lauren Corona [Nesbit 2021]



HUGH CABOT, MD

- Chair of the Department of Surgery [1919-1930] ●
- Dean of the Medical School [1921-1930] ●

1919



Woodrow Wilson was the 28th president of the United States



The signing of the Treaty of Versailles marked the official end of World War I



Prohibition was ratified by $\frac{3}{4}$ of the states, enacting it into law



Women in America were granted the right to vote when Congress passed, and one year later ratified, the 19th Amendment



Alexander Fleming had yet to make the discovery of penicillin to treat complex bacterial infections



Urology at the U-M remained an evolving branch of medicine under the Department of Surgery

ORIGINS OF THE SPECIALTY

Modern urology at U-M begins with the arrival of Hugh Cabot, MD

In 1919, Hugh Cabot, MD, a prominent urologic surgeon and founder of the genitourinary clinic at Massachusetts General Hospital, left Boston to come to U-M where he assumed the role of chair of the Department of Surgery. Cabot, who was educated at Harvard Medical School, had just returned from service in World War I, in France, where he had a distinguished career as an officer. In quick succession, he was appointed dean of the U-M Medical School in 1921. At the time, specialties within the Department of Surgery were minimally differentiated in the evolving subspecialties.



Cabot went on to build one of the preeminent surgery departments in the United States. In 1925, he recruited two young men who would

become outstanding urologists: Charles Huggins, MD, who went on to win a Nobel Prize for his work with the hormonal manipulation of prostate cancer; and Reed Nesbit, MD, who became the first chief of the Section of Urology in 1930, and remained professor and chair until his retirement in 1968.

a modern facility designed by renowned architect Albert Kahn to replace the Catherine Street Hospital. During this time, he also took part in

In 1921, Cabot publishes *The Doctrine of the Prepared Soil: A Neglected Factor in Surgical Infections*

In 1925, Cabot oversaw the completion and staffing of the new University Hospital on Ann Street in Ann Arbor,

Cabot is an innovator in the evolving specialty of urology at the University of Michigan

Revered educator and researcher Victor Vaughan, MD, PhD, was dean of the University of Michigan Medical School

U-M establishes Pediatrics as an independent department

U-M pediatrician David Murray Cowie introduces iodized salt as a goiter preventive

1919

1921

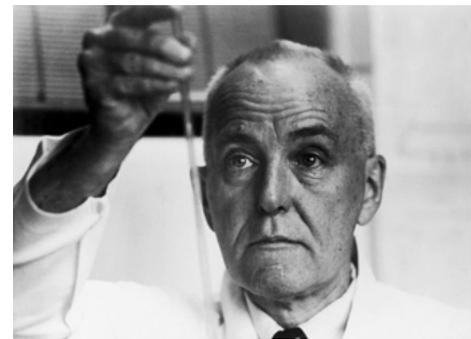
1922

campus life. On April 28, 1925, Cabot participated in a student faculty debate on the topic "Resolved: that intercollegiate athletics in their present form are objectionable and should be materially modified."

Cabot was a powerful dean. Often viewed as a visionary, he challenged the status quo to bring change and innovation to the U-M Medical School – notably arguing against the common practice at the time to delay catheterization in surgical patients with urinary retention. Cabot advocated for national health

insurance and full-time faculty appointments, which were controversial ideas at the time.

In 1930, he was relieved of his duties by the University Regents "in the interest of greater harmony." Cabot then joined his friend William Mayo, a U-M Medical School graduate of 1883, at the Mayo Clinic in Rochester, Minnesota, where he remained until 1939. ●



Charles B. Huggins in his lab

The new 600-bed University Hospital (also known as the Main Hospital) replaces the Catherine Street Hospital

1925

University Hospital offers the first physician training program in thoracic surgery

1928

CLINICAL NEWS CONGRESS

AMERICAN COLLEGE OF SURGEONS

Founded by Surgeons of the United States and Canada, 1913

SAN FRANCISCO, FRIDAY, OCTOBER 14, 1966

THURSDAY WAS A BIG DAY FOR 2 A.C.S. UROLOGISTS!

Charles Huggins Shares Nobel Medicine Prize

Charles Benton Huggins, who was made an honorary F.A.C.S. here three years ago, was named Thursday as a co-winner of the 1966 Nobel Prize in Physiology and Medicine.

The announcement of the awarding of the prize, made in Stockholm, specifically cited his pioneering research and clinical application of the hormonal control of certain cancers.

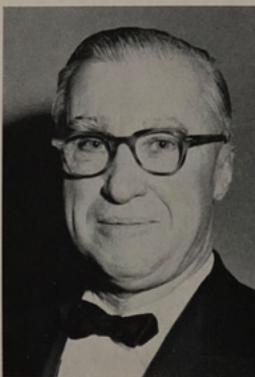
Dr. Huggins, 65, is William B. Ogden distinguished service professor of surgery at the University of Chicago and director of its Ben May Laboratory for Cancer Research.

He will share the prize with 87-year-old Peyton Rous of the Rockefeller Institute, New York. Dr. Rous, often called "The Grand Old Man of Cancer Research," made medical history in 1911 with his discovery that a virus could induce cancer in chickens.

The pair are the first Americans to win the Nobel Prize in Medicine since 1964, when Conrad E. Block of Harvard was named a co-winner for his work (done at the University of Chicago) on cholesterol synthesis.

Dr. Huggins' son is Charles Edward Huggins, a Harvard surgeon and blood transfusion authority who became F.A.C.S. here in 1963, in the same ceremony at which his father was awarded his honorary Fellowship.

Both father and son received their medical education at Harvard. The elder Dr. Huggins was born in Halifax, N.S., received his M.D. degree in 1924, took a residence in surgery at the University of Michigan, then went to the University of Chicago as a urologist to be one of the founding surgeons of Billings Hospital, which opened in 1923.



DR. REED M. NESBIT

Meet Howard Pyle, Sensible Man Who Seeks Prevention

Howard Pyle is a man with a lot of sense.

You know this even before you hear his Martin Memorial Lecture in the huge Main Arena of the Civic Auditorium.

You understand it better when you know he was a radio correspondent in Pacific combat areas during World War II. You know it from his political savvy—his election twice as governor of Arizona, his instrumental part in getting Barry Goldwater into politics.

But you know it most of all when he says, as he did at a press conference yesterday:

"I don't drive very much, myself."
He explains, further, that he lives only a mile from his office on North Michigan Boulevard in Chicago, so he can simply hop a bus to work, or even walk there on a nice day. From his third-floor window overlooking Lake Shore Drive, he can see endless streams of big cars heading to and from work, each carrying only the driver.

At his job as president of the National

(Continued on Page 4)

Reed Nesbit, Ann Arbor, Elected New President

(Thursday was a big day for urologists. Early in the day word came from Stockholm that an Hon. F.A.C.S. had won the Nobel Prize in Medicine, told in the first column on this page. Late in the afternoon, at the Meeting of Fellows, the A.C.S. president-elect was voted on.)

Reed Miller Nesbit, a urologist and native of California, Thursday afternoon was voted president elect of the A.C.S. He will take office at next year's Clinical Congress in Chicago.

Dr. Nesbit, 67, is professor of surgery and head of the genito-urinary section, Dept. of Surgery, University of Michigan. He was, for nine years, 1953-62, a member of the A.C.S. Board of Regents, and in 1964 served as first vice president.

He was born at Concord, Calif., Dec. 3, 1898, the son of the Rev. Edward T. and Ellie Alice Miller Nesbit. He was educated at Stanford University, receiving his A.B. in 1921 and his M.D. in 1925.

After interning at Fresno County Hospital, he travelled east to take a residency in surgery at the University of Michigan Hospitals. He never left.

He became an instructor in surgery in 1926, assistant professor in 1929, and full professor in 1943. He was certified by the American Board of Urology in 1935. He has been head of genito-urinary surgery at Michigan since 1930.

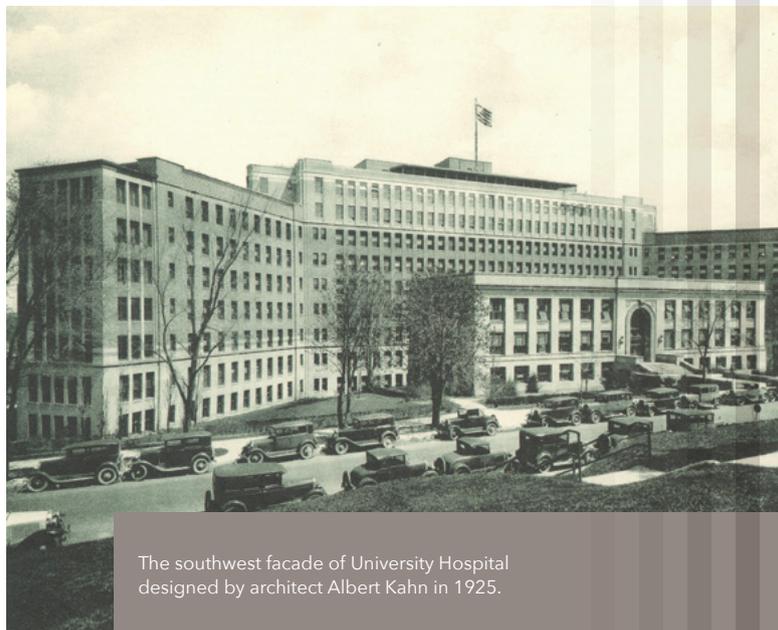
Dr. Nesbit is a noted authority on prostatic surgery and is author of several books on the subject: *Trans-Urethral Prostatectomy* (1942), *Prostatectomia Transuretra* (1946), and *Your Prostate Gland* (1945). He is also author of *Problems in Diagnosis* (1948) and *Fundamentals of Urology* (1954). He is editor of *American Lectures in Urology*.

The Michigan urologist is a member of the American Surgical Association, Frederick A. Collier Surgical Society, American Board of Urology, American Urological Association, American Association of Genito-Urinary Surgeons, Clinical Society of Genito-Urinary Surgeons, *Société Internationale de Chirurgie*, *Société Internationale d'Urologie* and the American Medical Association.

He married Mabel O. Wilkins April 7, 1923. They have three daughters—Nancy A., Mary T., and Mabel A.—and live in Ann Arbor.

Also elected at the meeting of Fellows Thursday afternoon were two vice presidents elect.

(Continued on Page 3)



The southwest facade of University Hospital designed by architect Albert Kahn in 1925.

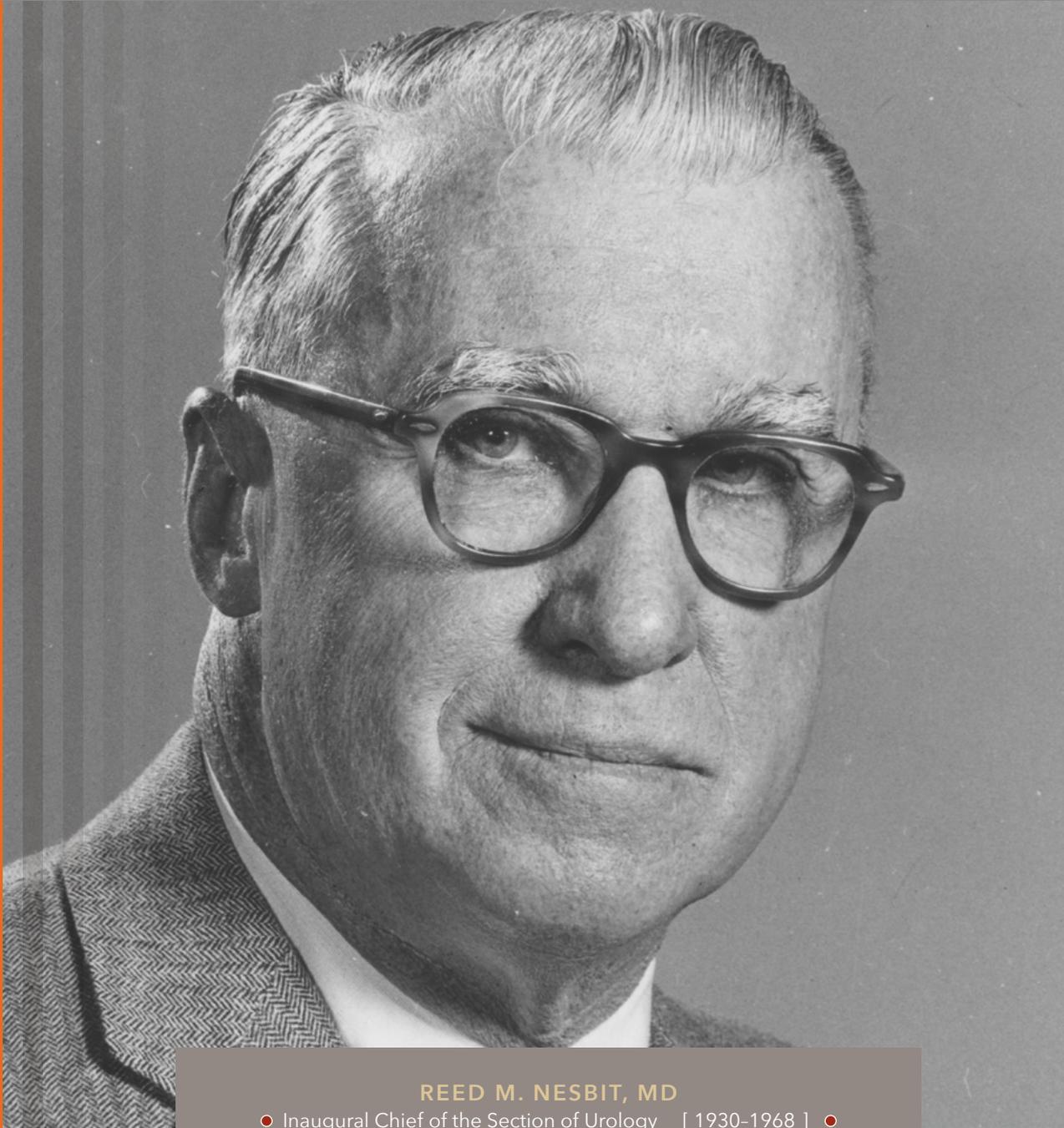
Registration

Registration for this Clinical Congress sets a record. The figures, as of closing yesterday:

Doctors	9,742
Ladies	4,113
Indust. Exh.	1,245
Visitors	361
Staff/Press	197
Total	15,658

In the doctors category, 4,971 are Fellows; 821 Initiates; 996 residents; and 2,954 other M.D.s.

▶ 1930



REED M. NESBIT, MD

- Inaugural Chief of the Section of Urology [1930-1968] ●
Department of Surgery, U-M Medical School

1930



Herbert Hoover was the 31st president of the United States



Adolf Hitler and the Nazi Party were gaining momentum in Germany



The Great Depression was underway in the United States



Modern medicine watched as blood transfusions emerged from the range of experimental medicine. Tuberculosis and polio remained devastating diseases



Urology witnessed the introduction of transurethral resection surgery to treat urinary problems due to an enlarged prostate

THE FORMATIVE YEARS

The specialty of urology becomes a section of the U-M Department of Surgery

In 1930, Reed Nesbit, MD, became the first chief of the Section of Urology. He presided over the section for nearly four decades at an exceptional time in the history of urology. Nesbit, who was educated at Stanford University, was recruited to the U-M Medical School by Hugh Cabot, then chair of the Department of Surgery. Under his astute leadership, the section prospered and continued to heal hundreds of thousands of adult and pediatric patients in the state of Michigan and beyond.



Nesbit made prominent contributions to pediatric urology, including the Cabot-Nesbit style single stage orchidopexy in 1931.

In 1931, Nesbit and Cabot publish paper on undescended testicles

He pioneered the method of transurethral resection of the prostate. Nesbit's 1943 textbook *Transurethral Prostatectomy* became the standard in the United States. A respected innovator who achieved national and international recognition for this work, he developed the operation for treating Peyronie's disease.

Nesbit also published the *Fundamentals of Urology* in 1942, a seminal textbook in

the field. Over the course of his tenure, he authored more than 150 scientific papers. In 1967, he became president of the American College of

The Babcock Urological Endowment fund, the oldest gift to the department, is established (1937)

"The thing that made Dick's experience at Michigan so special were the social connections and emphasis on relationships."

Jane/Dick Dorr [Nesbit 1968]

In just two years, U-M physicians would perform the world's first successful lung removal

U-M creates the first human genetics program in the United States.

1930

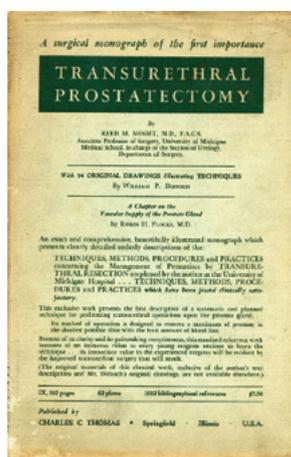
1940

"I deeply admire David Bloom and John and Betty Konnak. While Dick and John were in Urology together they started a euchre club that lasted for years."

Jane/Dick Dorr [Nesbit 1968]



Betty and John Konnak [Nesbit 1969]



Surgeons, the first urologist to hold that position.

A revered educator, Nesbit trained over 80 residents, 18 of whom became chief of urology in medical schools in the United States and abroad.

Nesbit's 1943 textbook *Transurethral Prostatectomy* becomes the standard in the United States

He retired from the Section of Urology and relocated to Davis, California in 1968, where he served as lecturer of surgery and special assistant to the dean at the University of California, Davis School of Medicine.

In 1972, The Reed M. Nesbit Urologic Society, the alumni organization of the U-M Department of Urology, was established.

In 2007, the Reed M. Nesbit Professorship in Urology was established at the U-M in his honor with

Edward J. McGuire, MD, serving as the first Nesbit professor. Julian Wan, MD, is the current holder, since September 2013. ●

Nesbit establishes a pioneering hemodialysis unit at the University Hospital (1955)

The U-M Women's Hospital opens its doors

1950

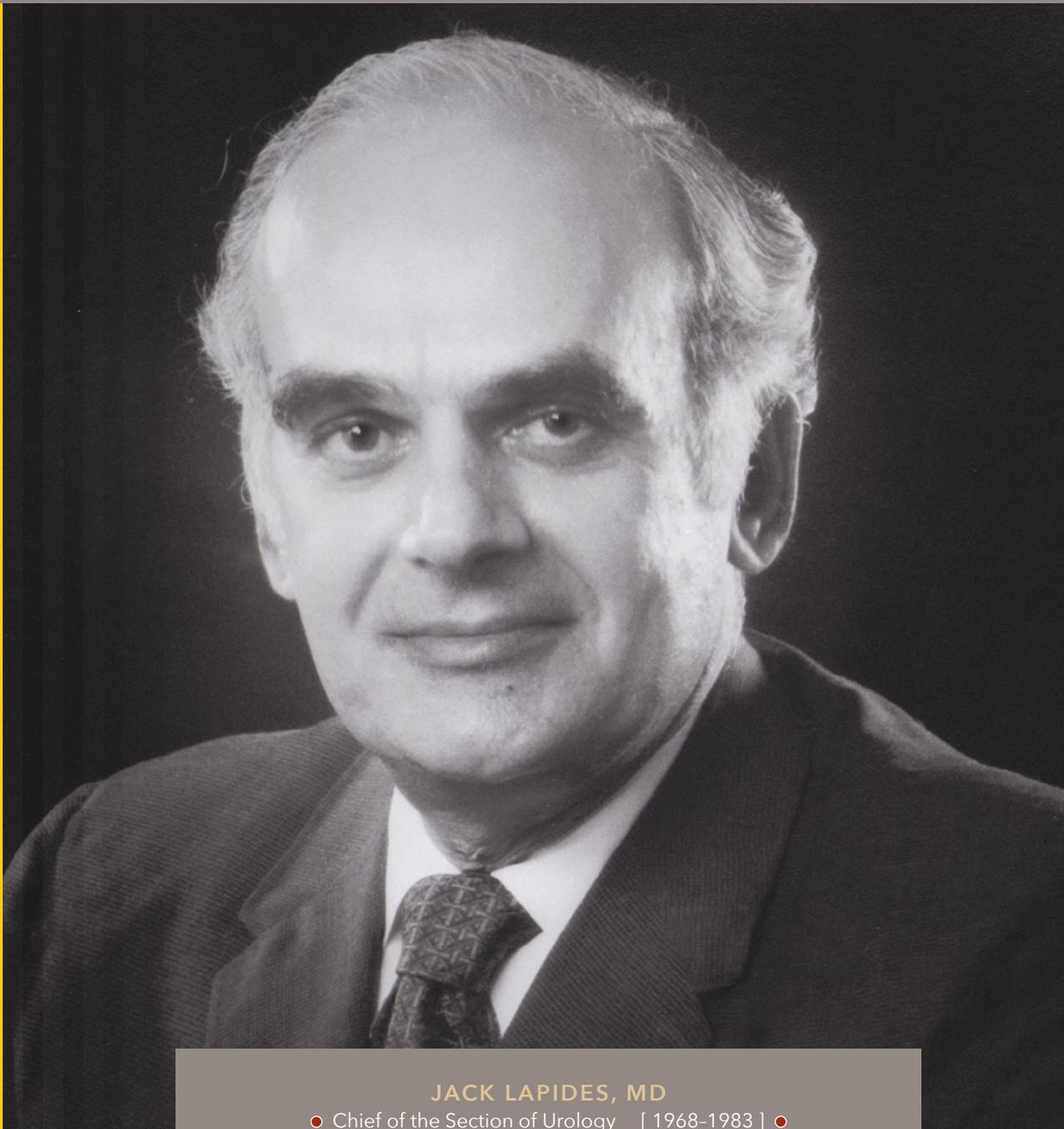
The U-M Burn Center is created - the first dedicated burn unit in Michigan and one of the first in the U.S.

1959



Dr. Nesbit performing surgery

Nesbit is
president of the
American
College of
Surgeons (1967)



JACK LAPIDÈS, MD

◉ Chief of the Section of Urology [1968-1983] ◉
Department of Surgery, U-M Medical School

1968



Lyndon Johnson was the 36th president of the United States



Apollo 8, the second manned spaceflight mission flown in the United States, was launched for manned lunar orbit



Civil rights activist Martin Luther King, Jr., and U.S. Senator Robert F. Kennedy were assassinated just two months apart



Modern medicine saw advancements in cancer detection, radiotherapy and chemotherapy

A NEW ERA BRINGS INNOVATION AND CHANGE

Novel methods emerge in the management of urological conditions

In 1968, Jack Lapidès, MD, a native of Rochester, New York, became chief of the Section of Urology, a position he held until 1983. Trained by former chair Reed Nesbit, MD, Lapidès proved to be one of the most influential figures in urology in the century. His contributions to basic and clinical research led to seminal changes in the treatment of many urological conditions, including the development of clean intermittent self-catheterization in the management of neurogenic bladder, an approach that ran counter to established medical practice at the time but proved to be one of the most important offerings to the field.



A prominent force in academic research and scholarship, Lapidès is the author of 198 scientific papers and two textbooks on urology,

In 1971, Jack Lapidès introduced clean intermittent self-catheterization

including the *Fundamentals of Urology* published in 1976. He is also the author of 28 chapters in textbooks. Lapidès' contribution of clean intermittent self-catheterization was listed by the *Journal of Urology* as one of the 100 major urologic contributions of the 20th century.

During his tenure, he received numerous honors and awards, including the prestigious Ramon Guiteras Award in 1987,

and the Pediatric Urology Medal in 1989. Lapidès also participated actively in national and international urologic societies.

Carol Bennett, MD, becomes the first female urologist trained at the University of Michigan (1983)



Peter Knapp [Nesbit 1985] and Carol Bennett [Nesbit 1983]

U-M physicians performed the first heart transplant in Michigan at University Hospital

1968

C.S. Mott Children's Hospital opens as U-M's first separate children's hospital

1969

"When Jack Lapidès came he united the whole group into one section under him. He was very strong willed, and very much a disciplinarian. And therefore, to some degree, he instilled fear in a lot of the residents and even some of the junior faculty. Ultimately, everyone got in line with his thoughts and his policies. And from that point on, we became a very unified unit. He strongly supported his faculty, most of whom were university trained, so it was much easier to develop a cohesive team."

Ananias Diokno, MD [Nesbit 1970]

He was a Rockefeller Research Associate in the U-M Department of Physiology from 1936–38 and completed his surgical and urologic training at the U-M, interrupted by military service as a flight surgeon in the Pacific Theatre from 1941–46.

In 1983, under Lapidès' guidance, Carol Bennett, MD, an African American woman, completed her residency at U-M, making her the first female urologist trained at the Medical School. Bennett went on to help a patient achieve the first pregnancy in the United States from a paraplegic man

with a semen sample produced by electroejaculation.

In 1984, following a long career as a surgeon, educator and researcher, Lapidès retired from active faculty status. The U-M Regents honored him with the distinction of Professor Emeritus of Surgery. ●

"The Department of Urology was like a family in the early years. It was just a whole bunch of good people. We socialized and had parties now and then."

Gary Wedemeyer, Senior Biomedical Engineering Technician, Department of Urology (1971–2011)

"I made the decision to become a urologist before I realized there were so few women. I think there were maybe 12–13 female urologists in the country at that time. It really didn't faze me, and for our department the feeling was mutual. Although I was the only woman in the department, I never felt secluded or isolated. Everyone always made me feel welcome and a part of the team."

Carol Bennett, MD [Nesbit 1983]

U-M builds the James and Lynelle Perinatal Holden Hospital to care for premature and critically ill infants

1972

The PhD program in nursing is one of the first in the nation

1972

U-M establishes the W.K. Kellogg Eye Center, to provide patient care, education and research on eye diseases

1976



David Harold [Nesbit 1978], Surendra Kumar [Nesbit 1981], Dan Piazza [Nesbit 1979], C. Peter Fischer [Nesbit 1979]

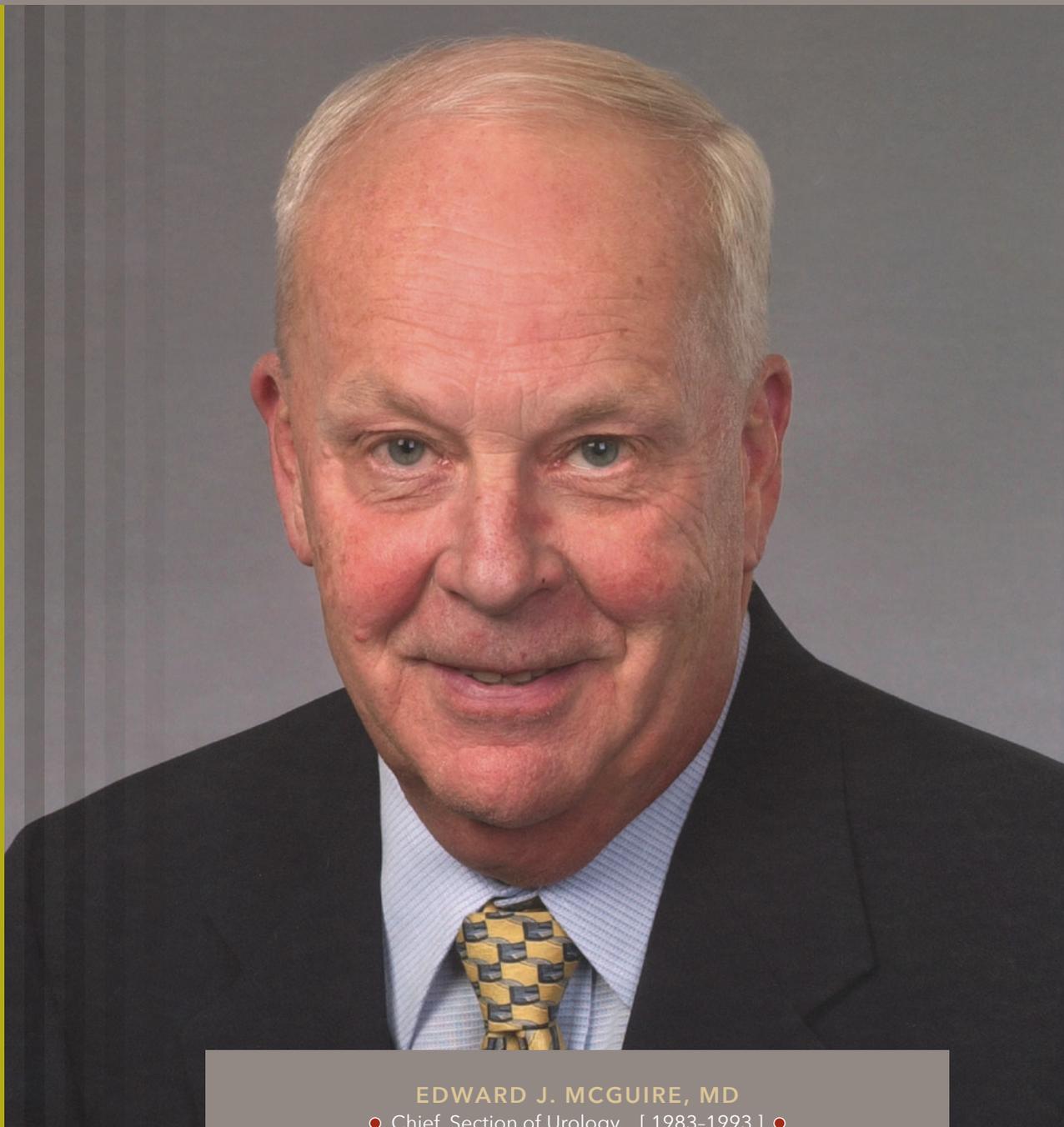


Kenneth Croft and roommate Gary Pittman in C.S. Mott Children's Hospital, October 1969.

"I still look at my residency program at the University of Michigan as one of my favorite times. I mean you go from medical school and you're sort of chomping at the bit. In my internship year, and in my general surgery residency year, I had two weekends when I did not have to go in and round or see patients. It was pretty much 52 weeks, 365 days a year. We did have two weeks of vacation, but you had to take it at one time, which was intended so that services could be covered appropriately."

C. Peter Fisher, MD [Nesbit 1979]

▶ 1983



EDWARD J. MCGUIRE, MD

● Chief, Section of Urology [1983-1993] ●
Department of Surgery, U-M Medical School

1983



Ronald Reagan was the 40th President of the United States



The Organization of the Petroleum Exporting Countries cut oil prices for first time in 23 years



Sally Ride became the first American woman in space on the shuttle Challenger



Magnetic resonance imaging and computerized tomography revolutionized medical imaging



Urology witnessed advances in the treatment of kidney stones and prostate cancer

A DECADE OF DISCOVERY

Advances in the understanding of urinary tract infection, urodynamics and pelvic surgery

Edward McGuire, MD, was recruited from Yale University to become the chief of the Section of Urology in 1983, following retirement of his predecessor Jack Lapedes, MD. An accomplished and innovative surgeon, McGuire was one of the contemporary forces in the areas of urinary tract infection, urodynamics and pelvic surgery. His clinical and basic research led to greater understanding of the way lower urinary dysfunction can damage kidney function, and the mechanisms enmeshed in that process. McGuire also helped to develop injectable agents for incontinence with his team of U-M researchers.



An active member of national and international organizations and societies, he was a founding member and former

In 1978, Edward McGuire, MD, popularized the use of the rectus fascia pubo-vaginal sling for stress urinary incontinence

president of the Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction, associate editor of the *Journal of Urology* and the *Journal of Pelvic Surgery* and a feature editor of the *Journal of Neurobiology and Urodynamics*. McGuire was also a member of the Society of Gynecologic Surgeons and American Association of Genitourinary Surgeons.

During his tenure, McGuire played a key role in international outreach and collaboration for residents

The University Hospital and Taubman Health Care Center opens (1985)



"We were always challenged to develop confidence because you had to be in the trenches to fight for the patients. And, for that, you could not be weak."

John Park, MD [Nesbit 1995]

M-CARE is created by U-M and licensed by the state of Michigan; it is one of the first university-owned HMOs in the U.S.

1986

1983



to travel to Haiti and trainee exchanges with Ireland. He eliminated the partition between the staff and residents' clinics, which resulted in greater oversight of residents.

A native of East Lansing, Michigan, McGuire earned his medical degree from Wayne State University in Detroit,

and completed his surgery and urology training at Yale University with a one-year fellowship at the London Hospital in England. Drafted into the army following his internship, McGuire was sent to San Antonio, Texas for basic training. Four weeks later he was in an infantry battalion in Vietnam. During his service he received an Army Commendation Medal and four Bronze Stars. McGuire's decision to specialize in urology came to him while in Vietnam.

He loved the ability to recruit new residents and watch

them grow, as well as see the faculty grow up over the years.

McGuire left the university in 1993, unhappy with the sectional status of urology in the Department of Surgery, to assume leadership of the Department of Urology at the University of Texas in Houston. He returned to the

U-M in 1999, and in 2007 was appointed the Reed Nesbit Professor of Urology. In 2013, he received the title of professor emeritus of urology and had an active appointment until August 2017. ●

The field of urologic oncology stepped into the forefront of medicine (1985)

McGuire initiated pressure-based management of neurogenic bladder, especially in children with spina bifida, with his identification of the leak point pressure (1989)

The expansion of U-M Hospitals continues with the opening of integrated services for children and women in 221,000 square feet of new space and renovated units in existing hospitals

1990

The School of Nursing celebrates the 100th anniversary of nursing at U-M

1991



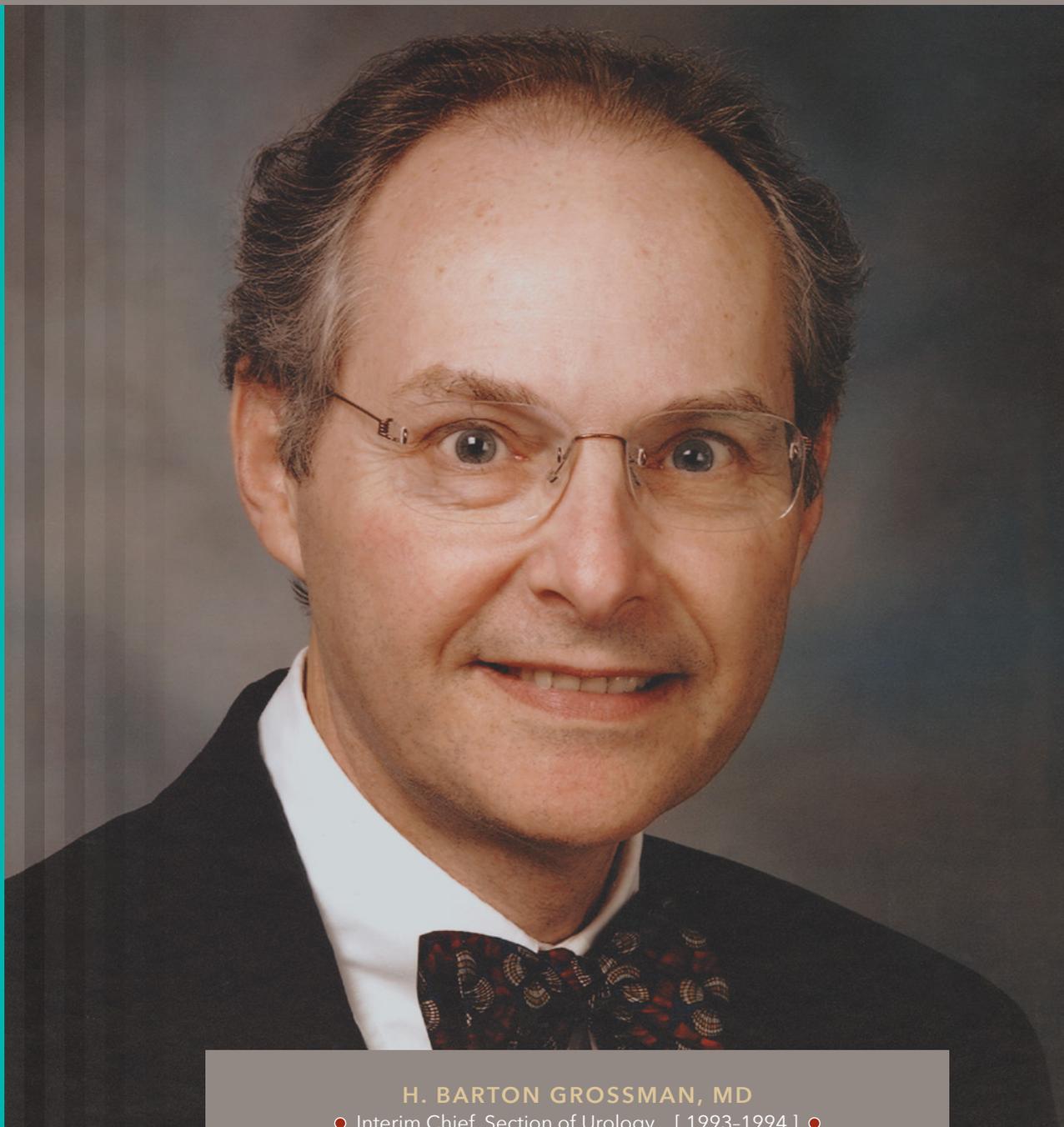
First annual McGuire Society meeting, February 2020; our alumni network of NPR trainees and faculty



Dana Ohl [Nesbit 1987] and Jens Sønksen [Nesbit 1996]

“Our landmark achievements with the spinal cord injury fertility program at the University of Michigan are probably what stands out the most throughout my time. Men with spinal cord injuries, and paraplegics and quadriplegics are not able to function properly sexually, and one of the biggest downfalls of this is the inability to have children. In the early 1980s, one of our faculty, Carol Bennett, started working with induced electrical stimulation and was able to collect sperm from men. And, actually through artificial insemination, she created the first pregnancy in the United States from a man with a spinal cord injury via this induced procedure. Carol left and I took over the program in 1988 and started working with our colleagues in Denmark. We had a multiple year collaborative effort of refining and defining the entire field of spinal cord injury fertility. That continues to this day.”

Dana Ohl, MD [Nesbit 1987]



H. BARTON GROSSMAN, MD

● Interim Chief, Section of Urology [1993-1994] ●
Department of Surgery, U-M Medical School

1993



Bill Clinton was inaugurated as 42nd president of the United States



The militant Islamist organization Al Qaeda bombed the World Trade Center in New York City, killing six



President Clinton appointed Janet Reno as the first female attorney general



Modern medicine watched as a vaccine was developed for hepatitis A



The field of urology saw the evolution of laser technology in treating urological conditions

SHIFTING LEADERSHIP

H. Barton Grossman, MD, is appointed interim chief of the section

H. Barton Grossman, MD, a Lapedes trainee and world-class urologic oncologist, became interim chief of the Section of Urology in 1993, until Joseph Oesterling, MD, also a urologic oncologist, was selected as section head in 1994. Despite his limited tenure, Grossman kept the section on solid footing, providing continued excellence in urologic cancer care.



With the aid of his staff, he developed a thriving practice in surgical oncology to provide a full spectrum of care, including nerve-sparing radical prostatectomies and continent urinary diversion in bladder cancer. Radiation oncology and medical oncology rounded out treatment for urologic oncology patients, including conformal radiation therapy, seed implantation and chemotherapy.

Grossman set an example for vigorous research. Collaborating with surgical technician Gary Wedemeyer, he and his team developed 14 bladder tumor cell lines, as well

as cell lines in renal and testis cancer. Grossman also served as principal and/or co-investigator on a number of grants from the National Institutes of Health, American Cancer Society and Centers for Disease Control while at U-M. In 1987, he recruited Monica Liebert, PhD, an immunologist working in nuclear medicine under Richard Wahl, MD, at the U-M Rogel Cancer Center.

A native of Tampa, Florida, Grossman earned an MD degree from Temple University in 1970. He completed a surgical internship at U-M, followed by two years in the Air Force.

Grossman returned to Ann Arbor in 1973, and finished a year in general surgery residency at St. Joseph Mercy Hospital before beginning his urology residency in Lapedes' program at University Hospital. After completing his residency in 1977, Grossman stayed on with the urology staff. He also completed a fellowship in urological oncology at Memorial Sloan Kettering Cancer Center in New York.

In 1994, Grossman left the U-M for the University of Texas M.D. Anderson Cancer Center in Houston, Texas, where he spent the rest of his career. ●



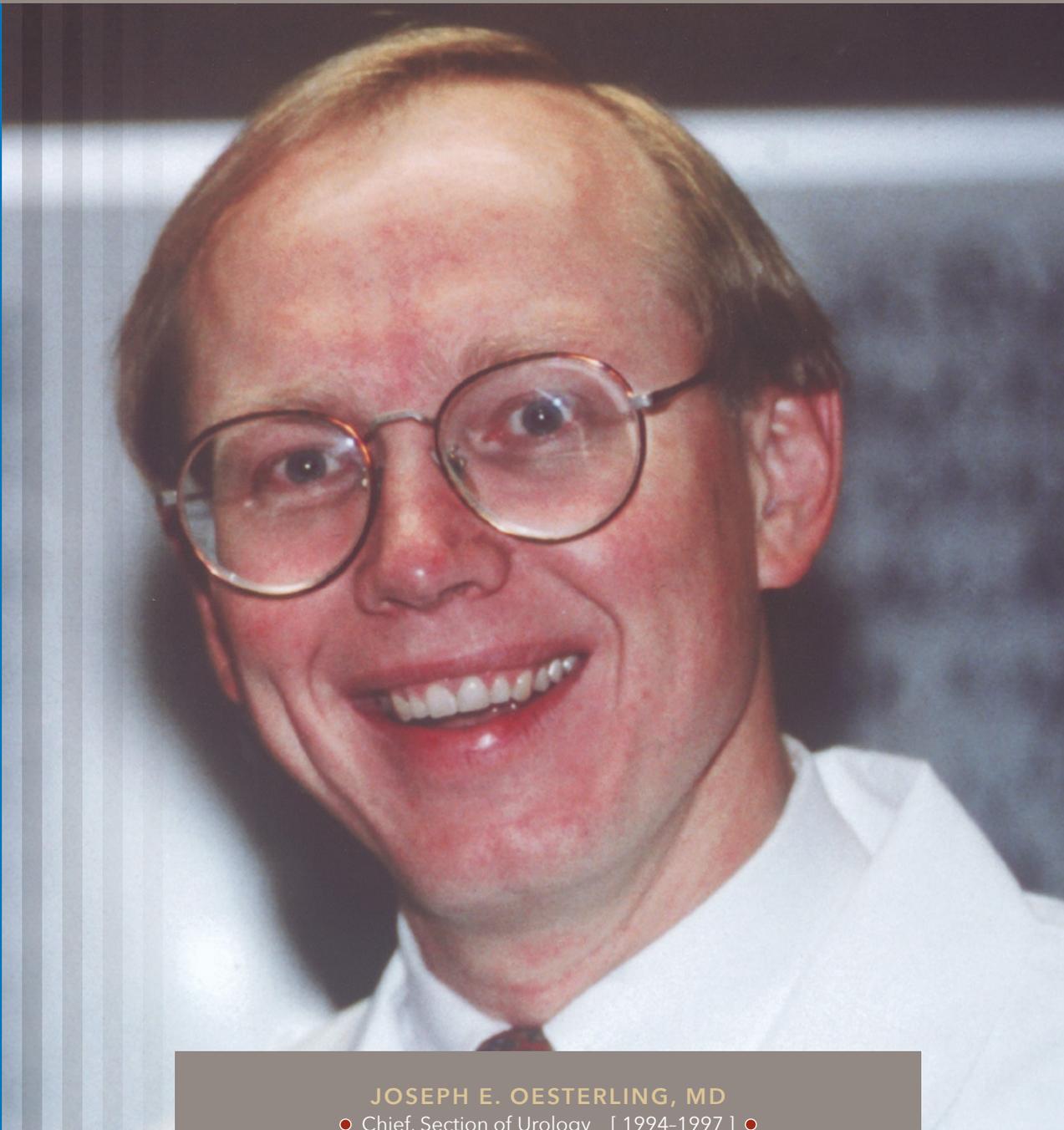
"I think I learned the most while working in Dr. Grossman's laboratory. That was a real special place, and a highlight of my career. Dr. Grossman was a pioneer for basic cellular research in urology."

Gary Wedemeyer, Senior Biomedical Engineering Technician, Department of Urology (1971-2011)

Horace W. Davenport, William Beaumont Distinguished Professor of Physiology, University of Michigan, authored *University of Michigan Surgeons, 1850-1970: Who They Were and What They Did*.

1993

1994



JOSEPH E. OESTERLING, MD

● Chief, Section of Urology [1994-1997] ●
Department of Surgery, U-M Medical School

1994



U.S. troops invaded Haiti to restore power to deposed President Aristide



AIDS became the leading cause of death for Americans ages 25 to 44



Urology witnessed the identification of sildenafil (Viagra) for treating erectile dysfunction



Jeff Bezos launches Amazon in his garage in Bellevue, Washington

UROLOGY RANKED #14 IN THE NATION

In just one year, the section advances from #24 to #14 in national rankings

In 1994, Joseph Oesterling, MD, assumed the role of chief of the Section of Urology, having trained at Johns Hopkins and served on the Mayo Clinic staff. Urologic research grew under Oesterling and he attracted numerous clinical trials for a range of drugs and techniques such as transurethral microwave ablation of the prostate.



Oesterling recruited new faculty, including Johns Hopkins-trained Kenneth Pienta, MD, in 1994, who came from the oncology faculty at Wayne State University Medical School

U-M is the recipient of an NIH/NCI SPORE grant in prostate cancer (1995)

in Detroit. Two years later, Oesterling recruited Stuart Wolf, MD, to develop a program in laparoscopy and minimally invasive surgery in urology.

Oesterling garnered attention for his support of the nerve-sparing radical prostatectomy as the procedure of choice in the treatment of localized prostate cancer. His practice grew rapidly and soon he was performing three to four radical prostatectomies per day.

By the time Oesterling arrived at U-M in 1994, he had published over 100 technical journal articles focused largely on prostate cancer and prostate-specific antigen. In 1991, he became editor of

U-M Section of Urology is ranked #14 nationally by *U.S. News & World Report* (1996)



Theodore Chang [Nesbit 1996], Cheng-Yang Chang [Nesbit 1967], Robert McLaren [Nesbit 2016], Ian McLaren [Nesbit 2017]

"We were always very much on the cutting edge. We were always looking at what other folks around the country were doing and made sure we were doing the right thing, and keeping up when it made sense."

*Theodore Chang, MD
[Nesbit 1996]*

Giles Bole, MD, served as dean of the University of Michigan Medical School

1994

U-M Regents approved "University of Michigan Health System" as a designation for U-M Hospitals and Health Centers, Medical School, M-CARE and Michigan Health Corp

1997

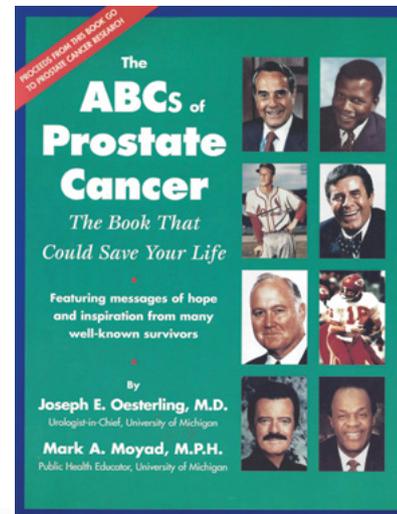
Urology, one of the two major urologic journals published in the United States.

Oesterling found the section on a trajectory of innovation and growth when he stepped into the role. In 1995, the U-M Urology program was ranked 24th in the nation by *U.S. News & World Report*. Just one year later, in 1996, that ranking catapulted to #14 nationally.

In 1997, Oesterling was abruptly relieved of his position

due to "administrative and financial irregularities."

Note: He was found to be misrepresenting travel expenses and payments and providing misleading research data. Oesterling resigned as section head and from faculty and pleaded guilty to felony charges. (per Jim Montie) ●



U-M moves its cancer and geriatrics clinical and research programs into the \$88 million Cancer Center and Geriatrics Center Building

1997



"We listen to patients' concerns and then just fight like crazy to find the answer, working collaboratively with other providers in different specialties. We never stop looking for a solution and then we find it. And in the middle of all of that, we have created a culture for the patients and families in that they know we care about their kids like we care about our own kids. And that's not sexy and fancy, but we do it better than anybody. That goes for the physicians, but we also have a team of nurses who are incredibly dedicated. We care constantly about the quality of care that we provide which is really second to none."

John Park, MD [Nesbit 1995]



Harris Foster, Jr. [Nesbit 1992], Julian Wan [Nesbit 1990], Theodore Chang [Nesbit 1996]

"During my time, our experience improved dramatically because we transitioned to video cameras to be able to view all the surgeries. You could directly see what other people (surgeons/residents/attendees) were doing because of the videos. These were cameras that hooked to the instruments and allowed us to see the surgeries directly. Before that, you were just sort of looking over someone's shoulder, and not necessarily seeing what they were doing inside the patient. So this was a big advance in terms of learning."

Theodore Chang, MD [Nesbit 1996]

U-M establishes the Center for Gene Therapy and enhances resources for the Center for Organogenesis

1997

→ 1997



JAMES E. MONTIE, MD

- Interim Chief, Section of Urology [1998-2001] ●
Department of Surgery, U-M Medical School
- Founding Chair, Department of Urology [2001-2007] ●
U-M Medical School

1998



Missile attacks were launched by the U.S. against Al-Qaeda camps in Afghanistan in retaliation for bombings of American embassies in Kenya and Tanzania



Google Inc. was founded by Stanford University PhD candidates Larry Page and Sergey Brin



Senator John Glenn traveled into space on space shuttle Discovery, making him, at age 77, the oldest astronaut



Exxon bought Mobil in a \$73.7 billion deal, creating Exxon-Mobil, the world's largest corporation



James Thomson, PhD, and John Gearhart, MD, University of Wisconsin-Madison, isolated and grew human embryonic stem cells



Less invasive procedures continued to replace open surgery for many urological conditions

UROLOGY EMERGES AS INDEPENDENT ENTITY

The creation of the U-M Department of Urology

In 1998, James Montie, MD, took over as interim head of the Section of Urology, and, in 2001, became inaugural chair of the new Department of Urology when the sections of urology, neurosurgery and orthopaedic surgery emerged from the Department of Surgery as independent entities. Montie was known for his outstanding leadership in the field of urologic oncology, and his lifelong commitment to the advancement of urological education.



In 2007, Montie established the Division of Health Services Research in the U-M Department of Urology, which has grown to be the largest urologic health services research group in the world. He is a founding

co-director of the Michigan Urologic Surgery Improvement Collaborative, which has 240 participating urologists in the state of Michigan contributing prospective data on quality improvement interventions for prostate cancer care. Montie also served as co-principal investigator in the U-M Specialized Program of Research Excellence (SPORE) in prostate cancer from 2000-2012.

Active in a number of national and international organizations, he was a founding member and past

president of the Society of Urologic Oncology, a member of the American Association of Genitourinary Surgeons and the Clinical Society of Genitourinary Surgeons. Montie became the Valassis

The U-M Section of Urology becomes an independent department (2001)

Montie reorganizes preceptor-type resident rotations and adds research year (1999)



David Miller [Nesbit 2005], Gary Faerber [Nesbit 1989], John Bacon (U-M 1986)

"Dr. Montie will always be my moral compass as a physician and scientist. Whenever I'm not sure what to do, I always ask myself, 'what would Jim Montie do in this situation?' I think that says something about his principles as a leader."

David Miller, MD [Nesbit 2005]

The U-M Department of Emergency Medicine is created

1999

U-M establishes the nation's first comprehensive Depression Center

2001

"The most important thing I took with me from my training at the University of Michigan was good judgment. Our faculty taught us how to make decisions that were in the best interest of our patients, and which were grounded in integrity and compassion. Gary Faerber, Jim Montie and Stuart Wolf were outstanding mentors. And the residents that I completed my training with made the experience so outstanding. It was clear that our department recruited aspiring urologists who not only had brains and skill, but also collegiality and true concern for people."

Brian Seifman, MD [Nesbit 2002]

Professor of Urologic Oncology in 1996 after a generous gift from George and Sandra Valassis. He received a Lifetime Achievement Award from the American Urological Association in 2016.

Montie received his MD degree in 1971 from U-M. He completed his urologic surgical residency at the Cleveland Clinic in 1976 and, after two years in the Air Force, went to Memorial Sloan-Kettering Cancer Center in 1978 to study urologic oncology. After posts at the Cleveland Clinic in Ohio and Florida, and Wayne State University in Detroit, he joined U-M as professor of surgery in 1995.

continue his research on the quality of care for patients with urologic cancer at U-M. He retired in May 2015 as emeritus professor of urology and has held an active appointment since. ●

Additional endowed chairs are created: Lapidus Professorship (2002) and Bloom Professorship (2006)

In 2007, after nearly 10 years of leadership, Montie stepped down as chair to

Creation of an outcomes research group that becomes the Health Services Research Division (2007)



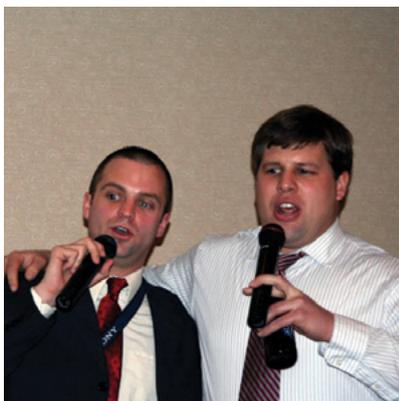
Jim Montie and Kris Kringle

U-M's Medical School integrates biomedical, clinical and psychosocial sciences with clinical skills and professionalism

2003

The U-M Health System announces its largest gift – \$44 million from Bill and Dee Brehm for the Brehm Center for Diabetes Research

2004



David Morris [Nesbit 2009],
Jeff Montgomery [Nesbit 2007]



Ian Thompson, Jr.
and Jim Montie



Brent Hollenbeck [Nesbit
2003] and Jim Montie

The Health Services Research Division is renamed Dow Health Services Research, thanks to a generous gift from the Herbert H. and Grace A. Dow Foundation (2008)

"Jim Montie was the best thing that could've happened to the Department of Urology. He was a great leader. He recruited outstanding faculty. I always hold myself to the Montie standard and ask, 'What would he have done?' We were both no-nonsense and tell it like it is. I have nothing but fond memories."

Stephanie Kielb, MD [Nesbit 2002]

The East Ann Arbor Ambulatory Surgery and Medical Procedures Center, Rachel Upjohn Building (including the U-M Depression Center) and Biomedical Science Research Building open

2006

2007



DAVID A. BLOOM, MD

- Chair, U-M Department of Urology [2007-2019] ●
- Associate Dean for Faculty Affairs, U-M Medical School [2000-2007] ●
- Chief of Pediatric Urology, U-M Department of Surgery [1984-2001] ●
- Jack Lapides Professor of Urology [2002-Present] ●

2007



George W. Bush served a second term as president of the United States



The Great Recession began in the United States



Apple introduced the first smartphone, the iPhone



The hashtag was created and first used in a tweet



Modern medicine watched as researchers discovered a gene involved in rheumatoid arthritis



Urology observed the publication of the first histotripsy survival preclinical animal study

FORGING A NATIONAL REPUTATION

Advancing urological research, patient care and education

David Bloom, MD, presided over the Department of Urology for over a decade. Under his chairmanship, from 2007 to 2019, the department made notable contributions along every dimension of its mission in clinical care, research and education.



Bloom supported robust approaches to innovation, collaboration and expansion, formalizing the divisions: Andrology and Urologic Health; Ann Arbor VA Urology; Dow Health Services Research; Endourology; Neurourology and Pelvic Reconstructive

Surgery; Pediatric Urology; Urologic Oncology; and Laboratory Research. Today, the department has the largest urologic health services research division in the country among its peer institutions, and was one of the initial members of the U-M Institute for Health Policy and Innovation.

advancing the management and understanding of numerous pediatric urological conditions, including laparoscopic management of cryptorchidism, and the hostile bladder in spina bifida.

Under Bloom, the department grew by leaps and bounds.



"David Bloom was a good example of what was to come with specialty trained people with excellent clinical and surgical expertise. The biggest trajectory and growth probably happened under Bloom."

Cheryl Lee, MD [Nesbit 1997]

Bloom receives the Jack Lapides Endowed Professorship in Urology (2002)

An accomplished pediatric surgeon, Bloom set his focus on the areas of genitourinary reconstruction, lower urinary tract dysfunction, genital anomalies, neurogenic bladder and laparoscopy. During his tenure, Bloom and his team were instrumental in

West Shore Urology practice in Muskegon joins U-M Department of Urology (2017)

The U-M Samuel and Jean Frankel Cardiovascular Center opened for heart, vascular and stroke care for adult patients

2007

U-M purchases the former Pfizer campus, names it the North Campus Research Complex, and begins converting it into a vibrant hub for staff and scientists

2009

"Another thing that stands out for me, which is maybe a tribute to educational and departmental leadership of Jim Montie, David Bloom and Gary Faerber [as program director], was that the University of Michigan was the only place that had a resident and faculty dinner which was hosted at Dr. Bloom's house. It was very much an example of how well everyone got along and how the department valued that interaction between faculty and residents, beyond the clinic and operating room. This set Michigan apart."

Jonathan Ellison, MD [Nesbit 2013]

When he began as chair in 2007, faculty numbered 24. In 2019, the department highlights a roster of 51 faculty members, of which 45 are clinical and six are research.

Enhancing the research environment was also a priority for Bloom. He was steadfast in recruiting and retaining

U-M Department of Urology ranks #5 in nation, *U.S. News & World Report* (2018)

visionary clinical researchers to ensure the department remained at the forefront of scientific discovery, most notably Drs. Palapattu, Morgan, Day, Keller, Roberts, Salami, Chinnaiyan and Tomlins. Currently, the unit supports six basic science laboratories.

During this time, the residency program changed from a six-year program with a mandated research year during the fourth year to a five-year program with an elective sixth year of research.

On a philosophical level, Bloom believed strongly in having a clear vision for the department's goals, but not in

micromanaging every step. He was noted for asking people, "what do you think and what do you want to do" when discussing complex issues.

A generous gift from Brian and Mary Campbell (in 2006) established the Bloom Professorship. During his term as chair, five additional endowed chairs, including the Nesbit Professorship (2007), Chang Professorship (2007), G. & S. Valassis Professorship (2008), Moyad Professorship (2010) and McGuire Professorship (2013) were created by other generous donors.

Bloom was instrumental in developing the U-M and

urology outreach programs to provide patient care to the underserved through the Hamilton Community Health Network in Flint. This built on his earlier general outreach efforts in Grayling, Michigan, which were later expanded to include Marquette, Kalamazoo, Brighton and Northville, Michigan.

Bloom published more than 160 papers and 68 book chapters, and served on the editorial boards of the *Journal of Pediatric Urology*, *British Journal of Urology*, *Urology*, *Contemporary Urology* and the *Journal of Endourology* and was a consultant for Stedman's Medical Dictionary.

U-M Regents approve an independent Department of Cardiac Surgery and a new Computational Medicine and Bioinformatics Department, as well as a new Institute for Healthcare Policy & Innovation

2011

Bloom served as a trustee of the American Board of Urology, president of the American Academy of Pediatric Section on Urology, a director of the American Board of Medical Specialties, president of the American Association of Genitourinary Surgeons and was a governor of the American College of Surgeons.

In February 2019, he stepped down as chair and remains on the faculty. As an amateur medical historian, Bloom plans to complete two volumes of departmental history. He also plans to continue to see patients in Flint at Hamilton Community Health Network and complete projects for the U-M Medical School and Michigan Medicine. ●

Bloom earned his medical degree from the State University of New York at Buffalo in 1971. After serving an internship in surgery at UCLA, he completed dual residencies in general surgery 1971-76 and urology in 1976-80, at UCLA Medical Center, in addition to a fellowship in pediatric urology at the Institute of Urology of the University of London. After four years in the U.S. Army at the Walter Reed Army Medical Center and Uniformed Services University of Health Sciences in Washington, DC, Bloom separated as a lieutenant colonel, and joined the U-M Medical School as an assistant professor and chief of pediatric urology in 1984.



West Shore Urology
Kevin Stone, Joseph Salisz, Jennifer Phelps, Brian Stork



Pediatric Urology Team 2020

The first phase of the comprehensive electronic health information system known as MiChart goes online and makes possible a new web-based patient portal

2012

▶ 2019

NESBIT FAMILY AROUND THE WORLD

UNITED STATES

CANADA

UNITED STATES

EXPANDING OUR GLOBAL REACH

Advancing urological research, patient care and education

The U-M Department of Urology is committed to enhancing global opportunities for educational exchanges, facilitating international research collaborations, providing opportunities for visiting scholars to benefit from expertise at U-M and growing a global network of faculty focused on health issues in urology.

The U-M Department of Urology's Residency Program is consistently regarded as one of the top in the nation by *U.S. News and World Report* and *Doximity* 2020-21 residency program rankings. The University of Michigan urology residency program remains ranked #6 among 142 accredited urology residency training programs nationwide.



View an interactive map of residents and fellows through the years

Hawaiian Islands (USA)



IN

6
COUNTRIES

AND

30
STATES

IRHAIL

SAUDI
ARABIA

Ryukyu
Islands
(JAPAN)

JAPAN



IN

24
STATES

AND

9
COUNTRIES

THAILAND





UROLOGY RESIDENCY PROGRAM

The University of Michigan Urology Residency Program is consistently ranked among the top in the nation. We continue to grow the program with our mission in mind: to train clinically well-rounded urologists who are uniquely poised and motivated to become the next generation of leaders in the field of urology. As we train these future leaders, we remain steadfastly committed to our tripartite mission of excellence in clinical care, research and education.



Kate H. Kraft, MD
Residency Program Director
Associate Professor of Urology

Our residents have abundant opportunities to gain experience in all urologic subspecialties by working in a collaborative environment with multiple faculty members who have received national and international recognition in their respective areas of expertise. In addition to traditional didactics, our residency curriculum is enhanced by on-site and extracurricular surgical skills labs, point-counterpoint debates and mock oral board examinations.

We value the commitment to urologic patients on a broader scale through scientific inquiry. As such, our residents participate in basic science, health services and surgical education research,

sharing their work at regional and national conferences each year. Our residency program was privileged to match the inaugural American Urological Association Physician-Scientist Residency Training Award recipient in 2018, a testament to the rich training opportunities we offer in both clinical urology and scientific research. In 2021, we expanded our program and launched a new six-year surgeon-scientist track, with a year of protected time to conduct research during residency training.

Our program sits on the cutting edge of urology residency education, with the primary goal of ensuring our residents' readiness for safe,

independent urologic practice. In collaboration with the Center for Surgical Training and Research, we employ innovative performance assessment tools as we lead the way in this sphere among urology residency programs.

With the development of our Urology Residency Wellness program, we recognize that managing stress and devoting time to personal well-being is vital in our field. We center our program around five domains: physical health, mental health, social connection, work-life balance and humanitarianism. Adhering to these domains is critical to the wellness of our residents, from body to mind, so they can deliver the best



urologic care. We also value the importance of training the next leaders and best in urology. Our new Michigan Academy for Training in Urology Leadership and Advancement (MATULA) Program is designed to foster leadership skills early in residency to prepare for future contributions to urology.

We recognize the importance of developing a urologic workforce that resembles the patients for whom we provide care. To fulfill this mission, we support programs such as UroVersity, a pipeline program developed by our urology trainees that recruits and mentors underrepresented medical students into the field of urology. In addition, we support Michigan Urology Academy to encourage underrepresented med students across the country to consider

urology as a career. Thanks to generous philanthropic support, our residents are also able to team with faculty on global mission trips and participate in an enriching educational experience while providing urologic care for underserved communities beyond the borders of Michigan.

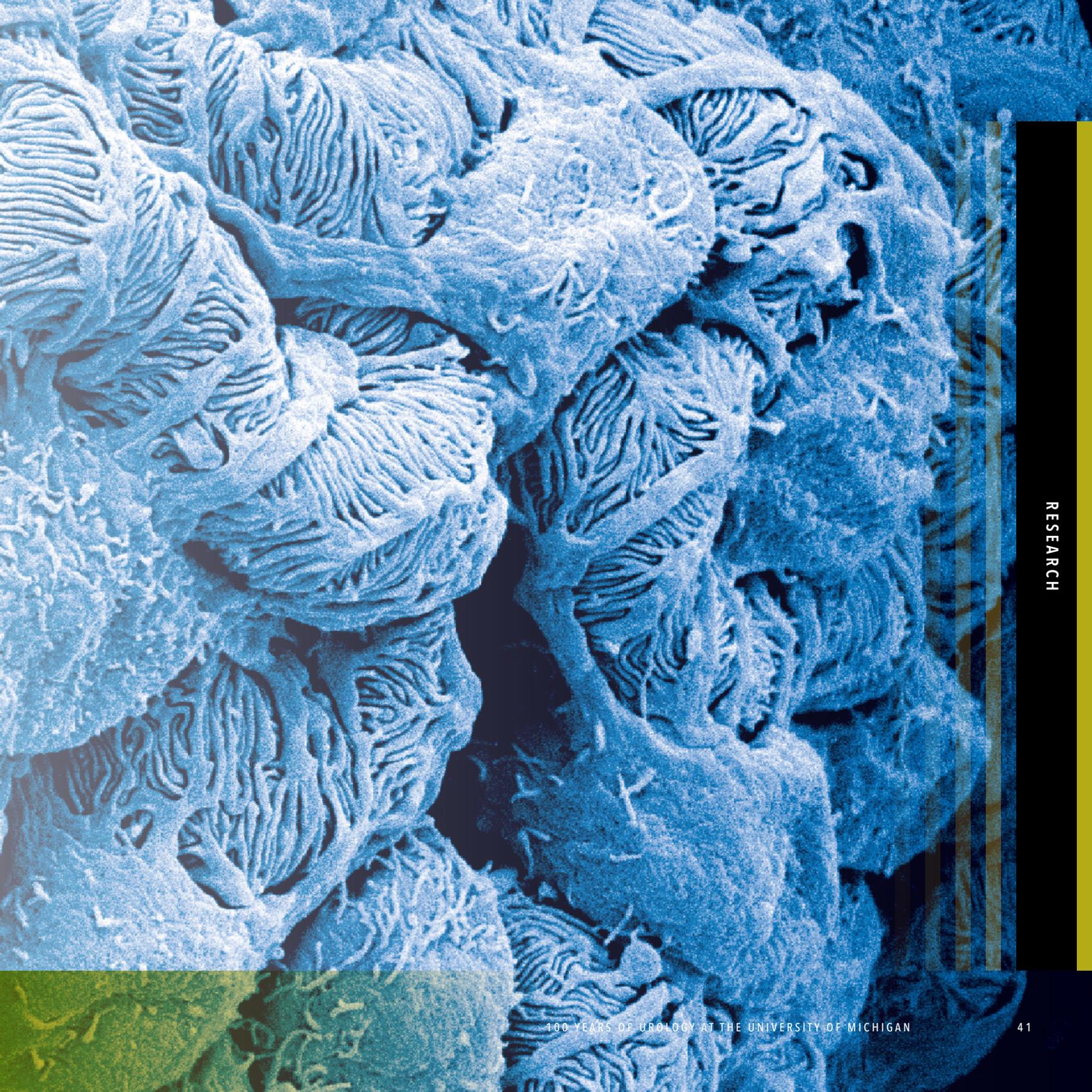
As urology residency training continues to evolve, our goal for residents is mastery in safe and skillful execution of innovative surgical procedures; better delivery of care through quality improvement initiatives; broadly improving the lives of others through scientific discovery; protecting the urologic workforce with focus on physician wellness; and strengthening the diversity, equity and inclusivity of urologic practice. We thank the Nesbit

Society for their generous support and partnership as we train the next leaders in urology. Go Blue!

– Kate

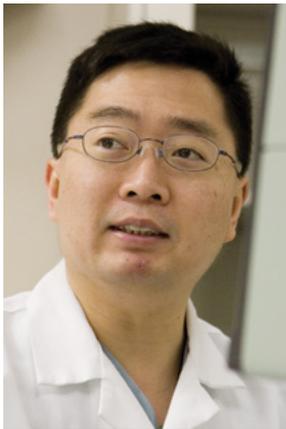






ANDROLOGY, GENERAL AND COMMUNITY UROLOGY

The Division of Andrology, General and Community Urology (AGC), U-M Department of Urology, covers a wide breadth of practice, both geographically and in research. John Wei, MD, David A. Bloom Professor of Urology, and medical director of Brighton Center for Specialty Care, has focused his research on benign urology, such as prostate cancer detection and pelvic floor disorders, while Dana Ohl, MD, professor, has focused his research on infertility.



John T. Wei, MD, MS
Chief, Division of Andrology,
General and Community
Urology
David A. Bloom Professor of
Urology
Medical Director of Brighton
Center for Specialty Care

As the division grew, its research portfolio expanded to include health policy research. In 2016, James Dupree, MD, MPH, FACS, associate professor, established a research program to investigate the impact of insurance policies on access to, and use of, advanced infertility care. Dupree's research team examined the University of Michigan's 2015 decision to pilot insurance coverage for *in vitro* fertilization (IVF) in most of its insurance plans. Such findings informed the university's 2018 decision to continue to offer insurance coverage for IVF, and this work culminated in an article in

the *Journal of the American Medical Association* in 2019. Moreover, Dupree's recent R01 submission garnered a 2nd percentile score and is likely to get funded.

Likewise, the research agenda of assistant professor Chad Ellimoottil, MD, MS, has focused on optimizing the delivery of telehealth for urology and beyond. Ellimoottil's research projects are specifically focused on evaluating federal telehealth policies and uncovering barriers to telehealth implementation. In 2020, he was funded by the Federal Communications Commission to expand

Michigan Medicine's video visit capacity, provide remote patient monitoring for patients with COVID-19 and to further deploy telehealth to serve our community.

AGC also has a strong interest in the health and well-being of the communities we serve. Brian Stork, MD, assistant professor, Department of Urology, is a leader in research surrounding the impact of adverse childhood experiences on physician burnout and patient outcomes. Stork's collaborative work, together with the longstanding work of Ohl, have involved urologists in Denmark. As an outgrowth of such tremendous collaboration



Chad Ellimoottil [Nesbit 2016]



AGC Team: Faculty and PAs

efforts, Ohl and Jens Sønksen, MD, PhD, DMSci, professor of urology, University of Copenhagen, Denmark, established the ongoing biennial COPMICH symposium.

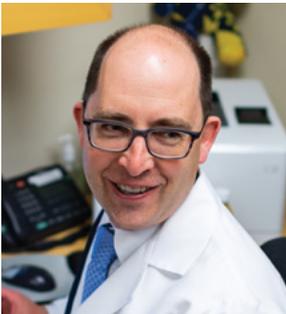
Susanne Quallich, PhD, ANP-BC, NP-C, CUNP,

FAANP, assistant professor, Department of Urology, continues to conduct research documenting and defining the nursing practices role in urology domestically, while working to document advanced urology nursing practices in Denmark. ●

ENDUROLOGY RESEARCH

The Division of Endourology has an active research program with a specific focus on:

- Technology development, innovation and refinement of new techniques for treatment of urinary stone disease.
 - Use of health services research methods to improve the quality of care delivery and optimize outcomes for patients with urinary stone disease and benign prostatic hyperplasia (BPH).
 - Leadership of the Michigan Urological Surgery Improvement Collaborative – Reducing Operative Complications from kidney stones (MUSIC ROCKS).
-



William W. Roberts, MD
Chief, Division of
Endourology
Professor of Urology and
Biomedical Engineering

The Endourology Translational Research Lab

is recognized as a premier research laboratory within the Endourology community. Our mission is to develop, rigorously evaluate and refine urologic and surgical technology, techniques and devices in order to improve knowledge and advance endourological treatment. The laboratory is embedded within one of the busiest clinical endourology groups in the world, which facilitates our strategy for discovery and innovation, through:

- 
- Thoughtful identification of substantial, meaningful clinical and surgical unmet needs (bedside-to-bench paradigm).
 - Scientific discovery, directed development, early clinical testing and implementation of novel technologies, devices and innovative techniques (bench-to-bedside paradigm).

Areas of particular focus include:

Histotripsy: In collaboration with colleagues in Biomedical Engineering, we developed a new technique of tissue ablation called histotripsy – noninvasive, non-thermal, mechanical focused ultrasound tissue ablation. By applying pulses of intense acoustic energy to a targeted volume, controlled cavitation (microbubble formation and collapse) can be produced. This leads to precise mechanical fractionation of targeted tissues with negligible thermal effects and immediate ultrasound imaging feedback. Our lab pioneered the



development of histotripsy in pre-clinical models and facilitated the translation of histotripsy for BPH and other urological applications. Furthermore, this research was foundational in establishing a startup company, HistoSonics, Inc., in 2009.

Laser Lithotripsy: We are exploring new techniques utilizing high-power laser energy to more efficiently fragment and disintegrate kidney and ureteral stones. We are actively researching laser parameters and techniques to optimally and reliably produce smaller and more uniform

fragments – stone dust. We are also working to understand the pathophysiologic response to elevated temperature and pressure during ureteroscopy with laser lithotripsy (URS LL) and to determine the etiology of pain and morbidity following URS LL. These findings will guide



Khurshid Ghani, Sapan Ambani [Nesbit 2014], Casey Dauw [Nesbit 2015], William Roberts

development of techniques that better control temperature and pressure during URS LL to minimize tissue injury, inflammation and potential long-term negative effects on kidney function. This research will improve clinical care by reducing postoperative pain, morbidity and readmission rates for patients after URS LL. Additionally, efforts are underway to characterize laser-stone interactions with high-speed imaging and to develop

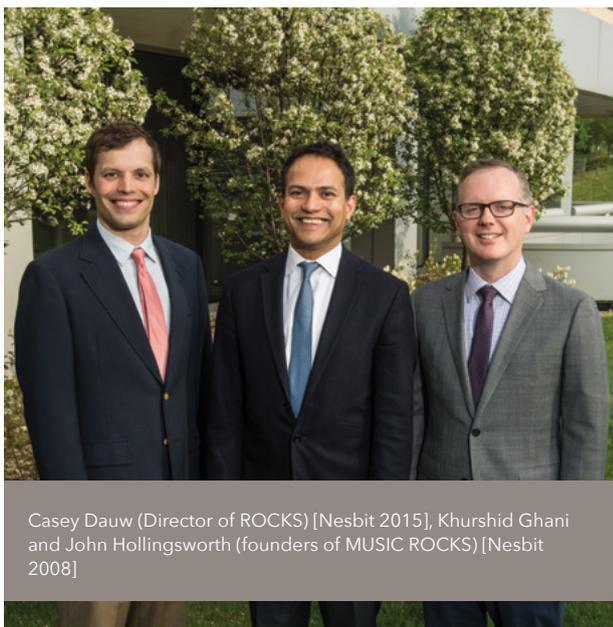
new devices to facilitate clearance of stone debris. We have a strong collaboration with Prof. Adam Matzger, professor of chemistry, to understand structural stone factors that affect holmium laser fragmentation efficiency and to develop improved stone models that can be used for urinary stone research.

Augmented Shockwave Lithotripsy: We are conducting research to enhance conventional shockwave lithotripsy (SWL). Together with Dr. Tim Hall in Biomedical Engineering, we are applying low amplitude acoustic bursts between therapeutic lithotripsy pulses to alter the cavitation environment surrounding urinary stones. The resulting coalescence and clearing of residual nuclei and bubbles

from the acoustic path improves efficiency of each lithotripsy pulse. Application of this technology for SWL has the potential to markedly improve stone fragmentation, increase stone free rates and decrease surrounding tissue injury, thereby producing better outcomes for patients. As implementation of this technology can likely be accomplished without altering commercial SWL systems, diffusion of this technology is expected to be rapid, affording urologists and their patients improved options for urinary stone treatment.

Surgical Device

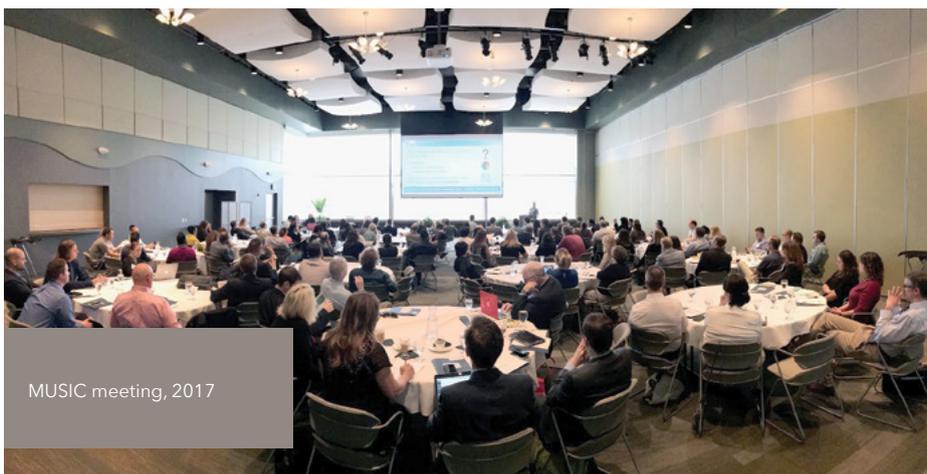
Development: We are developing devices to improve the efficiency of ureteroscopic stone surgery. These include ancillary instruments to stabilize the stone for laser lithotripsy, as well as a project with Dr. Jeff Plott in Biomedical Engineering to create a new ureteroscope to clear stone fragments with suction. ●



Casey Daww (Director of ROCKS) [Nesbit 2015], Khurshid Ghani and John Hollingsworth (founders of MUSIC ROCKS) [Nesbit 2008]



Ali Aldoukhi [Nesbit 2019]



MUSIC meeting, 2017

NEUROUROLOGY AND PELVIC RECONSTRUCTION

Research from the Division of Neurourology/Pelvic Reconstruction (NPR) today draws on a legacy of the ground-breaking discoveries by previous departmental luminaries such as Reed Nesbit, Jack Lapides and Edward McGuire.



John Stoffel, MD
Chief, Division of
Neurourology/Pelvic
Reconstruction
Professor of Urology

Much of the current foundation of modern urology regarding clean intermittent catheterization, neurogenic bladder management and surgical treatment of stress incontinence directly stems from their collective works. Current NPR research focuses on phenotyping patients who are at risk for bladder safety issues and/or low quality of life because of underlying bladder physiology. Some of this work is done through leadership in national research collaborative.

Members of the division have helped found and lead a now 13 site collaborative, the Neurogenic Bladder Research Group (NBRG), which received federal PCORI funding to prospectively develop a spinal cord injury neurogenic bladder

patient registry. Publications from this registry have identified new information about how patients view and use of indwelling catheters, effectiveness of reconstructive surgery, indications for onabotulinum treatment and bowel management. Additionally, NPR members are primary investigators and leaders of the NIH sponsored national Symptoms of Lower Urinary Tract Dysfunction Research Network (LURN) collaborative. The LURN network has significantly advanced knowledge related to presentation, pathophysiology and clustering of lower urinary tract symptoms in men and women seen for these symptoms in urology and urogynecology clinics.

NPR members have also led the NIH funded Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) Research Network. This network is the leading research authority devoted to understanding subtypes and pathophysiology of urologic chronic pelvic pain syndrome. In addition to these federally funded network studies, NPR investigates new treatment options for refractory urinary bladder physiology. NPR was among the first in the U.S. to study implantable adjustable balloons for the treatment of post prostatectomy incontinence, is investigating novel neuromodulation treatments for urinary incontinence and has published extensively on its outcomes regarding urinary diversion and ureteral reconstruction.

Building on its predecessors' work, the division looks forward to continuing to push research boundaries into new spaces. ●



Front Row: Jessica Ball, Janice Rushton, Quentin Clemens [Nesbit 2000], Priyanka Gupta, Paholo Barboglio Romo [Nesbit 2017]
Back Row: Bahaa Malaeb, John Stoffel [Nesbit 2004], Anne Cameron [Nesbit 2009]

PEDIATRIC UROLOGY RESEARCH

Research in the Division of Pediatrics is unique in its diversity of topics: from evaluation processes and systems to improve resident education, to the creation of computational models to improve surgical reconstruction, and establishing programs to improve/understand the transitions that children with spina bifida encounter as they become adults.



John M. Park, MD
Chief, Division of Pediatric
Urology
Cheng-Yang Chang Professor
of Pediatric Urology
Professor of Urology

Courtney Streur, MD, clinical assistant professor, U-M Department of Urology, continues to work on improving the transition to adulthood for adolescents with spina bifida, with a focus on sexual and reproductive health education. This past year, Streur published several papers on the topic, including a practical guide explaining how a pediatric urologist can discuss sexual health with their spina bifida patients.

Related work:

- How to Discuss Sexual Health with Girls and Young Women with Spina Bifida: a Practical Guide for Urologists, *Urology*, July 2020

- "I Tell Them What I Can Feel and How Far My Legs Can Bend": Optimizing Sexual Satisfaction for Women with Spina Bifida, *The Journal of Sexual Medicine*, September 2020

Bryan Sack, MD, clinical assistant professor, U-M Department of Urology, and his research team are using computational modeling to improve surgical reconstruction. They have focused their efforts on understanding the mechanism of the ureterovesical junction to prevent vesicoureteral reflux. In a benchtop bladder phantom model, they have also optimized a patient-based protocol using ultrasound contrast technology to measure pressure in order to

eliminate the need for catheter-based pressure measurement.

Related work:

- Ureterovesical Junction Deformation During Urine Storage in the Bladder and the Effect on Vesicoureteral Reflux, *Journal of Biomechanics*, December 2020
- The 5:1 Rule Overestimates the Needed Tunnel Length During Ureteral Reimplantation, *Neurourology Urodynamics*, October 2020

Kate Kraft, MD, associate professor, and director of the Residency Program, U-M Department of Urology, is a national leader in educational



Kate Kraft, Bryan Sack, Vesna Ivancic, Julian Wan [Nesbit 1990], Courtney Streur [Nesbit 2018], John Park [Nesbit 1995]



Adam Cole [Nesbit 2021] and Vesna Ivancic

innovation. Under her leadership, Michigan Medicine holds the first urology training program to launch SIMPL (the System for Improving and Measuring Procedural Learning), a validated intraoperative assessment tool that measures trainee

autonomy, performance and case complexity while providing a vehicle for timely, specific and actionable feedback immediately following a surgical case. The team is leading a national trial of SIMPL, launching this tool in more than a dozen training

programs, including pediatric urology fellowship programs. The trial aims to evaluate how well we prepare our learners for independent practice following completion of their training. ●

UROLOGIC ONCOLOGY

Ongoing research in the Division of Urologic Oncology, U-M Department of Urology, spans numerous disciplines, including basic science, translational research, clinical trials, health services research, sexual health and implementation science. With national leaders in each of these domains, the division works with collaborators across the entire institution to advance practice-changing research to improve patient lives.



Todd M. Morgan, MD
Chief, Division of Urologic
Oncology
Professor of Urology

On the pre-clinical front, Evan Keller, DVM, PhD, professor of urology, continues to lead a major research program focused on prostate cancer bone metastasis. As principal investigator of a multimillion-dollar NIH program project grant, his work has facilitated greater understanding of the relationship between prostate cancer cells and the bone microenvironment, and how this promotes metastasis.

In addition, the translationally focused laboratories of Ganesh Palapattu, MD, FACS, the George F. and Sandy G. Valassis Professor of Urology, and chair of the U-M Department of Urology; Simpa Salami, MD, MPH, assistant professor of



urology; and Todd Morgan, MD, professor of urology, and chief of the Division of Urologic Oncology, are all funded by the NIH and look at key aspects of prostate cancer heterogeneity, mechanisms of metastasis, and liquid biomarkers using blood or urine to detect cancer cells and their DNA or RNA.

Sethuramasundaram Pitchiaya, PhD, assistant professor, U-M Department of Pathology, is a recent addition to the division and runs a laboratory centered on his innovations in high throughput single cell analysis and spatial transcriptomics that is poised to lead to important discoveries in prostate cancer and other malignancies.

All of these laboratories are

closely integrated with the Michigan Prostate SPORC, a prestigious NIH funding mechanism awarded to only a small handful of institutions. Co-led by Arul Chinnaiyan, MD, PhD, the S.P. Hicks Endowed Professor of Pathology, and director of the Michigan Center for Translational Pathology; Palapattu; and Elisabeth Heath, MD, FACP, associate center director of translational sciences and leader of the Genitourinary Oncology Multidisciplinary Team at Karmanos Cancer Institute, SPORC continues to drive discoveries related to prostate cancer prevention, diagnosis, treatment and survivorship.

The division also has a number of national leaders in health



services research. Brent Hollenbeck, MD, MS, professor of urology, and vice chair of the U-M Department of Urology; Daniela Wittmann, PhD, LMSW, associate professor of urology; Lindsey Herrel, MD, MS, assistant professor of urology; and Ted Skolarus, MD, MPH, associate professor of urology, lead research teams funded by the NIH and other notable sponsors (e.g. Movember) studying a range of topics pertaining to health policy, implementation science and sexual health.

A large grant led by Hollenbeck and Vahakn Shahinian, MD, MS, professor, Division of Nephrology, U-M Department of Internal Medicine, for example, seeks to understand how urologist practice organization (such as practicing alone or in

multi-specialty groups) impacts cancer treatment, quality of care and payment.

Finally, clinical research continues to be a major priority. Much of this is focused around the Michigan Urological Surgery Improvement Collaborative (MUSIC), with David Miller, MD, MPH, professor of urology, president of the University of Michigan Health System, and executive vice dean of clinical affairs; James Montie, MD, Professor Emeritus; and Arvin George, MD, assistant professor of urology, helping to bring this collaborative to the prominent, internationally recognized leader in physician-led quality improvement that it is today. Additionally, clinical trials led by Samuel Kaffenberger, MD, assistant professor of urology; Jeffrey Montgomery, MD,



Urologic Oncology Team

MHSA, professor of urology, director of the Society for Urologic Oncology Fellowship, and associate chair for finance, U-M Department of Urology; together with George, Morgan, Salami and others continue to bring state-of-the-art diagnostic and treatment modalities into the clinics of the Division of Urologic Oncology. ●



DOW DIVISION OF HEALTH SERVICES RESEARCH



Aruna Sarma, PhD, MHA
Chief, Dow Division of
Health Services Research
Research Professor of
Urology

The University of Michigan Department of Urology's Dow Division of Health Services Research was established in 2007 by former department chair James Montie, MD. Since 2008, due to the generous support of the Herbert H. and Grace A. Dow Foundation, the division (known as "The Dow") has undergone rapid expansion, training and adding a number of urology health services researchers.

Efforts of faculty have positioned the division as the nation's premier health services research group in urology, resulting in the establishment of a cutting-edge quality improvement collaborative, and allowing development of research training programs to produce future leaders in the field.

Closely integrated with the university's Institute for Healthcare Policy and Innovation (IHPI), the division leverages its resources to ensure research findings realize the impact necessary to tackle the challenges facing patients with urological diseases in the 21st century.



Vahakn Shahinian, MD
Chief, Dow Division of
Health Services Research
Associate Professor of
Internal Medicine and
Urology

Research

With 15 physician-scientists, four doctoral-level scientists and a data analytic core, The Dow is among the largest and most comprehensive enterprises of its kind in the nation. Its research portfolio is thematically broad, yet unified by the singular goal of ensuring every patient gets the right care, in the right place, at the right time.

This agenda is facilitated by the financial support of numerous

research partners, including the National Institutes of Health, Agency for Healthcare Research and Quality, Veterans Health Administration, American Cancer Society and Blue Cross Blue Shield of Michigan.

Over the past decade, division investigators and collaborators have published more than 800 papers in peer-reviewed medical journals, including *The New England Journal of Medicine*, *JAMA* and *Health Affairs*, and have received more than \$50 million in external funding.

Michigan Urological Surgery Improvement Collaborative (MUSIC)

In 2012, building on the urological surgery collaborative initiated in 2009, David Miller, MD, MPH, professor, Department of Urology; president, University of Michigan Health System; and executive vice dean of clinical affairs; and Montie established the Michigan Urological Surgery Improvement Collaborative (MUSIC) with generous

support from Blue Cross Blue Shield of Michigan.

The statewide initiative, involving over 44 urology practices, focuses on aspects of management of prostate cancer, kidney masses and kidney stones. Using data captured through a clinical registry, coupled with comparative performance feedback and physician-led learning, it has become a benchmark of quality improvement in urology.

Benefits of MUSIC initiatives include avoiding unnecessary imaging for staging of prostate cancer, reducing prostate biopsy-related complications and ensuring appropriate use and implementation of active surveillance. Collectively, MUSIC efforts have improved the quality of care for urological diseases in

Michigan, and informed the broader urologic community through more than 40 peer-reviewed publications. ●

The mission of the Dow Division of Health Services Research is to improve the lives of patients through innovative research and collaborative quality improvement; shape local, state and federal health care policy; and train the next generation of health care leaders.





David Miller [Nesbit 2005]

Education

Building on the strengths and successes of its faculty, the division plays a central role in training leaders in the field through three federally funded fellowship programs – the first of its kind in urology. With faculty expertise across all domains of health services research, including health care policy, biostatistics, epidemiology, clinical trials, implementation science and

quality improvement, trainees have the opportunity to receive committed mentorship from a wide variety of established investigators.

There is significant emphasis on the personal and professional development of trainees, including acquisition of expertise in study design and research methodology, data management and programming and drafting and submitting manuscripts and

grants. Many previous trainees have successfully competed for external funding—both during and beyond their fellowship—and several have established themselves as independent researchers with R01 (or equivalent) funding. Prior graduates have transitioned to prominent academic positions in the discipline of urology, further amplifying the impact and legacy of the division. ●

TRAINEES

Current Fellows

Giulia Lane, MD
2021-current (K12)
University of Michigan

Former T32 Fellows/ K12 Scholars

Giulia Lane, MD
2018-2021 (T32)
University of Michigan

Courtney Streur, MD, MS
2016-2018 (T32),
2019-2021 (K12)
University of Michigan

Nnenaya Agochukwu, MD, MS
2017-2019
New York University

Karandeep Singh, MD, MS
2016-2018
University of Michigan

Lindsey Herrel, MD, MS
2014-2016
University of Michigan

Chad Ellimoottil, MD, MS
2013-2014
University of Michigan

Sara Lenherr, MD, MS
2013-2015
University of Utah

Anne Suskind, MD, MS
2011-2013
University of California, San
Francisco

Florian Schroeck, MD, MS
2011-2013
Dartmouth University

Bruce Jacobs, MD, MPH
2010-2012
University of Pittsburgh

Christopher Filson, MD, MS
2009-2010, 2012-2013
Emory University

Ted Skolarus, MD, MPH
2008-2010
VAMC/University of Michigan

Ryan Hedgepath, MD, MS
2007-2009
OhioHealth Physician Group

Seth Strobe, MD, MPH
2006-2008
Baptist MD Anderson Cancer
Center, Jacksonville FL

Scott Gilbert, MD, MS
2005-2007
Moffett Cancer Center, Tampa
FL

Jeffrey Montgomery, MD,
MHSA
2004-2005
University of Michigan

David Miller, MD, MPH
2002-2003, 2005-2006
University of Michigan

Caleb Nelson, MD, MPH
2000-2001, 2003-2004
Boston Children's, Harvard
University

DIRECTORS

Current

Aruna V. Sarma, PhD, MHA
2018-present

Vahakn Shahinian, MD, MS
2018-present

Former

David Miller, MD, MPH
2013-2018

Brent Hollenbeck, MD, MS
2009-2013

John T. Wei, MD, MS
2007-2009



CREATING A VISION AND A LEGACY IN SURVIVORSHIP CARE

The David and Jan Brandon Prostate Center Survivorship Program

When Dave Brandon (AB '74) was diagnosed with prostate cancer in February, 2002, he and his wife, Jan Brandon, began traveling around the country to interview doctors and study potential treatment plans. "A cancer diagnosis is emotionally taxing and figuring out the next step is difficult," explained Dave. As the couple visited with potential surgeons they asked a critical question: "If you had what I have and you needed this operation, who would you want to perform it?" The response was harmonious – Dr. James Montie.



From Diagnosis to Cancer Free

Fast forward more than a decade and the Brandons will tell you that they couldn't be happier with the care they received at U-M. With the best of all outcomes, Dave was declared cancer-free, and he and Jan were able to resume their normal life and activities. Still, the couple couldn't help reflecting on the frightening, early days of the diagnosis. "The internet was not a good place to go to gain confidence or improve prognosis," he said. "Also, there was an element of care that was missing from the clinic experience."

With such gaps in mind, the Brandons turned their focus to the notion of providing a more balanced education about prostate cancer, including relevant information about treatment side effects and post-treatment quality of life for patients and partners. It wasn't long before they took their idea directly to Dr. James Montie. "It was a unique situation where you have a world-renowned surgeon who, after the entire process was over, was willing to listen to us about our experience," said Jan. "We are grateful for Jim's willingness to hear about parts

of the experience that he didn't actually see."

Generosity + Vision +
Collaboration
Improve Patient Care

The Brandons generously offered to partner with the U-M Department of Urology to develop a patient and partner resource that extended beyond the surgical procedure to consider the well-being of the whole patient and their family. "The university tends to be focused on clinical outcomes," explained Dave. "These measures are, of course,



Vince Cavataio,
Ganesh Palapattu, Jim Montie,
David Brandon, Jan Brandon,
Daniela Wittmann

very important, but I was just as interested in the entirety of the experience. I wanted patients to gain peace of mind, have greater quality of life and for partners to be supported, too. I wanted the diagnosis to be less frightening and painful so that individuals, in the midst of navigating this complicated and stressful time, could live better lives.”

The Creation of The David and Jan Brandon Prostate Cancer Survivorship Program

In 2007, thanks to a generous gift from the couple, the David and Jan Brandon Prostate Cancer Survivorship Program was established. In its infancy, the program consisted only of a one-half-day clinic staffed by nurse practitioner Staci Mitchell, MSN, RN, FNP and social worker and certified sex therapist, Daniela Wittmann, PhD. Together, they developed a program of survivorship care and research which has grown in size and scope to be an international leader.

Today, the David and Jan Brandon Survivorship Program

supports more than 1,600 clinic visits annually, and serves more than 400 men and their partners. It is the only program of its kind in the United States. U-M faculty have led the development of patient education resources through the Michigan Cancer Consortium, American Urology Association Urology Care Foundation, American Cancer Society’s Prostate Cancer Survivorship Care Guidelines and are co-leading the TrueNTH-Movember Foundation International Guideline for Sexual Health Care in Prostate Cancer Survivorship. ●



DAVID AND JAN BRANDON

GETTING AHEAD OF KIDNEY CANCER

The Clark Family Fellowship in Kidney Cancer Research

Larry Clark and his children, Mark and Melissa, were stunned when their seemingly healthy wife and mother, Marty, was diagnosed with advanced kidney cancer. Suddenly, the family was faced with finding the best medical care available for Marty, a challenge that made the startling diagnosis all the more daunting.



Clark boys presenting Orange Crush Campaign check to Jeff Montgomery.

What followed were consultations with specialists across the state of Michigan to look for viable options for care. The Clark family ultimately turned to the University of Michigan Department of Urology, where they met with Jeffrey Montgomery, MD, associate professor of urology. "We were finally heard and treated as Marty Clark and her family, not just another patient with kidney cancer," said Melissa. "Mom was very proud to be a nurse and she knew how to recognize good care."

Sadly, because the cancer had become too advanced for any treatment, Marty passed away in 2015, yet her legacy lives on at U-M. After Marty died, Mark Clark and his wife Kyria,

Northville, Michigan, along with Melissa Clark, PhD, and her partner Laura Ofstead, MD, Pawtucket, Rhode Island, began their commitment to finding a cure for kidney cancer by organizing a fundraiser, called Orange Crush. This involved the local youth baseball teams of Mark and Kyria's sons' (Christian and Gabe) wearing orange shoelaces (the symbolic color of kidney cancer awareness) during tournament. With the help of their grandfather, parents, aunts and friends, the boys set out to raise much needed research funds for the physician-scientists at U-M. After success with the Orange Crush events, the Clark family decided to make an even stronger commitment to finding a cure.

The Creation of the Clark Family Fellowship in Kidney Cancer Research

In 2018, with Larry at the helm, the Clarks endowed the Clark Family Fellowship in Kidney Cancer Research within the U-M Department of Urology and the U-M Rogel Cancer Center, with the aim of fostering innovation and cutting-edge research in urologic oncology. The fellowship addresses numerous elements of kidney cancer, such as early diagnosis, genetics and novel therapies, and was created with one goal in mind – to eliminate suffering from kidney cancer, forever. "Unfortunately, we could only react to Mom's diagnosis;

we didn't have time to get ahead of it," said Mark. "Our gift will find better tools for early detection and treatment of kidney cancer. We will find ways to help patients and their families who don't yet know they may suffer from this horrible disease."

It was also important to the family that the physicians supported by the fellowship learn to care for patients with kidney cancer with the same humanity that Marty received at U-M. "When a person with kidney cancer does need treatment, we want

every physician to treat that patient with the same bedside manner as Dr. Montgomery," said Melissa.

In 2018, Jeff Tosoian, MD, MPH, U-M Department of Urology, was named the inaugural Clark Family Fellow.

Regrettably, Larry, who resided in Three Rivers, Michigan, passed away shortly after the fellowship was established. Today, the family recalls this commitment as one of his proudest moments. ●



Clark family

HONORING A LIFETIME OF DEDICATED SERVICE

The Cheng-Yang Chang Professorship in Pediatric Urology

For more than 33 years, until he retired in 2000, Cheng-Yang Chang, MD (RES '67) led a distinguished career in the practice of urologic medicine. An Ann Arbor, resident and urologist, Cheng-Yang graduated with an MD from the National Defense Medical Center in Taipei, Taiwan, where he earned the rank of major. Cheng-Yang went on to complete a residency in urology at the University of Michigan, and, after many decades, retired from a thriving Flint, Michigan, private practice with his wife Shirley Chang (MBA '66, MPH '75), who managed the clinic. Through all of the decades of private practice they both retained a teaching relationship with their beloved university.



Park family

In 1964, Cheng-Yang was recruited to the U-M Medical School by Reed Nesbit, MD, inaugural chief of the Section of Urology, Department of Surgery, while Nesbit was providing medical care for the legendary Chinese military and political leader, Chiang Kai-shek. President Chiang Kai-shek looked to the two physicians for specialized expertise. Cheng-Yang embraced the call to service which ignited what would become a longstanding and prominent career in medicine at the U-M, serving on the faculty for the Section of Urology.

During his tenure, Cheng-Yang established a pediatric focus within the department, now the Division of Pediatric Urology, which has since prospered and expanded care for so many children in the state of Michigan. "We feel incredibly fortunate that Dr. Nesbit recruited our father to U-M, eventually making him the first residency-trained urologist in Taiwan," said Theodore Chang (MD '91, MDRES '96).

Adding to his many accomplishments in medicine and teaching, philanthropy remains a priority for Cheng-Yang. He and his

wife established numerous educational endowments on multiple continents. "Our family foundation, established in honor of my father, Ku-Nien Chang, a world-renowned painter, has funded scholarships for more than 100 art students across Taiwan," he said.

As a couple, Dr. and Mrs. Chang made "giving back" a constant thread among the Chang family, including their two sons, Theodore and Hamilton (BGS '89). Ardent supporters of the U-M, the family has generously sustained programs and initiatives of the Medical

School, Michigan Ross and Museum of Art, among other units.

In 2006, Cheng-Yang made a generous gift to the U-M Museum of Art, which resulted in the naming of the Shirley Chang Gallery of Chinese Art in the museum's new addition. "It is a pleasure to honor my wife's lifelong appreciation and sharing of the arts," he explained.

Shirley, who passed away in 2006, was a proud graduate of the U-M and taught accounting and statistics in both Taipei and at U-M Flint. As the wife of a busy surgeon, Shirley helped raise their two sons, taught university level courses part-time, and managed the business, reimbursement and staffing aspects of a thriving medical practice.

Shirley was also a musician – she played the Chinese long zither and Chinese hammered dulcimer and was featured on the first broadcast of the national television network

in Taiwan. She founded the Heavenly Chord orchestra group in Ann Arbor to help promote cultural exchange between the United States and Asia via the universal language of the arts. With the art museum gift to honor their mother, the "Chang Boys" couldn't help but see the inherent sadness in making the gift after she had passed.

In 2007, Theodore and his wife, Mary Gallant Chang, and Hamilton and his wife, Lilly Chang, expanded the Chang family legacy by making a gift to honor their father, endowing the Cheng-Yang Chang Professorship in Pediatric Urology. "We wanted to honor our parents' contributions to the University of Michigan and acknowledge all that Michigan has given us," said Hamilton. "The Cheng-Yang Chang Professorship in Pediatric Urology will forever carry the Chang legacy through the Department of Urology at Michigan." John Park, MD, professor and chief of the

U-M Division of Pediatric Urology, proudly holds the professorship. ●

"The Cheng-Yang Chang Professorship in Pediatric Urology will forever carry the Chang legacy through the Department of Urology at Michigan."

Hamilton Chang (U-M 1989)



Chang family

ENDOWED PROFESSORSHIPS

Valassis Professorship in Urologic Oncology

Established: February 1996

Generously supported by Mr. George F. and Mrs. Sandy G. Valassis in honor of James E. Montie, MD

Valassis Professors of Urologic Oncology:

James E. Montie, MD (1996 – 2014)
Khaled Hafez, MD, PhD (2014 – Current)

Jack Lapides Professorship in Pediatric Urology

Established: March 2002

Generously supported by Jack Lapides, MD

Jack Lapides Professor of Urology:

David A. Bloom, MD (2002 – Current)

David A. Bloom Professorship in Urology

Established: March 2006

Generously supported by Mr. Brian P. and Mrs. Mary L. Campbell in honor of David A. Bloom, MD

David A. Bloom Professors of Urology:

J. Stuart Wolf, MD (2006 – 2016)
John T. Wei, MD, MS (2017 – Current)

Reed Nesbit Professorship in Urology

Established: May 2007

Generously supported by Dr. Roy J. Correa Jr. and Mrs. Mabelan N. Correa, The Youmans Family, Dr. Richard P. and Mrs. Jane F. Dorr, Dr. James E. and Dr. Jeanne E. Montie, Dr. Joseph C. and Mrs. Patti B. Cerny, Dr. John W. and Mrs. Betty L. Konnak, Dr. Theodore T. Chang and Dr. Mary P. Gallant-Chang, Mrs. Shirley L. Straffon, Dr. Tomohiko and Mrs. Kiyoba Koyanagi, Dr. Elizabeth A. Newsom and Mr. Mark Calkins, Dr. Thomas E. and Ms. Caren Newman, Dr. David

L. and Mrs. Susan L. Harold, Dr. Cheng-Yang Chang, Dr. Ananias C. and Mrs. Lourdes H. Diokno, Dr. Surendra M. and Dr. Neelam M. Kumar, Dr. Julian H. Wan, Dr. David A. and Ms. Jacqueline C. Burks, Dr. C. Peter and Mrs. Beverly A. Fischer, Dr. Ann L. Oldendorf and Dr. Douglas M. Portz, Dr. Gary J. Faerber and Dr. Kathleen A. Cooney, Mrs. Carol Karsch, Mrs. Kimberly and Mr. Kenneth Whipple Jr.

Reed Nesbit Professors of Urology:

Edward J. McGuire, MD (2007 – 2013)
Julian Wan, MD (2013 – Current)

Cheng-Yang Chang Professorship in Pediatric Urology

Established: July 2007

Generously supported by Dr. Theodore T. Chang and Mr. Hamilton Chang in honor of their parents Shirley S. and Cheng-Yang Chang, MD

Cheng-Yang Chang Professor of Pediatric Urology:

John M. Park, MD (2007 – Current)

George F. and Sandy G. Valassis Professorship in Urology

Established: May 2008

Generously supported by Mr. George F. and Mrs. Sandy G. Valassis in honor of David P. Wood, MD

George F. and Sandy G. Valassis Professors of Urology:

David P. Wood, Jr., MD (2008 – 2012)
Ganesh S. Palapattu, MD (2012 – Current)

Dr. Robert and Eva M. Moyad Research Professorship in Urology

Established: March 2010

Generously supported by Mr. Phil F. Jenkins, Mr. Robert M. and Mrs. Ellen A. Thompson, Mr. David S. and Mrs. Cyvia L. Snyder, Mr. Herman and Mrs. Sharon Frankel, Ms. Judith Sommers, Mr. David M. and Mrs. Lena B. Thrasher

Dr. Robert H. and Eva M. Moyad Research Professors of Urology:

Cheryl T. Lee, MD (2010 – 2016)
Brent K. Hollenbeck, MD, MS (2017 – Current)

Edward J. McGuire, MD, Research Professorship in Urology

Established: March 2013

Generously supported by Mr. Brian P. and Mrs. Mary L. Campbell, Dr. Ann L. Oldendorf and Dr. Douglas M. Portz, Mrs. Rose Marie Battey, Dr. Mike and Ms. Linda A. Kozminski, Mr. Frederick W. Kreye, Mrs. Katherine L. and Dr. Avrum M. Novitch, Mr. Ronald and Mrs. Donna L. Plamondon, Mr. Shane M. and Mrs. Kelly L. Duquet, Mrs. Linda C. and Mr. Roscoe A. Pudlik, Mrs. Margaret and Mr. Anthony Catanese, Dr. William W. and Dr. Wendy B. Roberts, Mr. Richard P. Dahling and Mrs. Nancy L. Sanborn, Dr. Hugh and Mrs. Margaret Flood, Mr. Edward Allen and Mrs. Jean Mrowka-Allen, Mr. James P. and Mrs. Christine L. Birmingham, Mr. R. William and Mrs. Linda L. Fralick, Mrs. Opal P. and Mr. Steven M. Lesse, Dr. Tomohiko and Mrs. Kiyoba Koyanagi, Dr. Elizabeth A. Newsom and Mr. Mark Calkins, Dr. Thomas E. and Ms. Caren Newman, Dr. Peter C. and Ms. Nicole Fisher, Sister Jodie Screes, Mr. Norman L. and Mrs. Judith A. Jones, Dr. Jon M. Richards, Mrs. Betsy S. and

Mr. Joel D. Kellman, Dr. Phillip B. and Dr. Susan Ruotsala Storm, Dr. James E. and Dr. Jeanne E. Montie, Dr. Denis B. Hart, Mrs. Maria A. and Mr. Eugene L. Chun, Dr. H. Barton and Ms. Amy C. B. Grossman, Dr. Monica Liebert and Dr. Hallie J. Kintner, Dr. Earl R. and Mrs. Helene L. B. Koenig, Dr. Surendra M. and Dr. Neelam B. Kumar, Ms. Mary R. Rounsifer, Dr. Mitchell L. and Ms. Stacy L. Wiatrak, Dr. Julian H. Wan, Dr. David A. and Ms. Jacqueline C. Burks, Dr. C. Peter and Mrs. Beverly A. Fischer, Dr. David W. Key, Dr. David A. and Mrs. Martha L. Bloom, Mr. David and Mrs. Jinet A. Tam, Dr. Stephen C. and Mrs. Rosa L. Wang, Dr. Gamal M. Ghoniem, Dr. Steven Steinberg, Dr. Richard E. Steinberger and Dr. C. Maria Riva, Dr. Michael B. Chancellor and Ms. Virginia M. Dato, Mrs. Kimberly and Mr. Kenneth Whipple Jr., Dr. George L. Kenyon and Dr. Lucy A. Waskell, Dr. Philip M. Sweetser, Mr. L. Eugene and Mrs. Janice K. Ezop, Dr. John Hollingsworth III and Mrs. Jane H. Hollingsworth, Dr. Toby C. and Dr. Amy F. Chai, Dr. David C. and Mrs. Inge S. Miller, Dr. David A. and Mrs. Rasheena E. Taub, Dr. Stephanie J. Kielb, Ms. Janey Key, Mr. Richard L. and Mrs. Patricia J. L. Bayless, Dr. Daniela A. Wittmann and Dr. Jonathan A. Cohn, Ms. Margaret A. Helms, Dr. Brent K. and Mrs. Ann T. Hollenbeck, Mr. Michael D. Gorzen, Mr. Joseph E. and Mrs. Antonia F. Grinnan, Ms. Margaret P. Duckett and Dr. George W. Drach, Mr. James Schultz, Mrs. Gloria A. and Mr. Adrian L. Kramer, Mr. Paul L. Bencil, Dr. Ronald S. Suh, Dr. Martin D. and Mrs. Susan H. Bomalaski, Dr. Robert and Ms. Anne Marcovich, Dr. Damon E. Davis, Ms. Theresa A. Hogan, Dr. Cheryl T. Lee and Mr. W. Joseph Amato

Edward J. McGuire, MD, Research Professors of Urology:

Gary J. Faerber, MD (2013 – 2016)
J. Quentin Clemens, MD, MSCI (2017 – Current)

S. Matthew Berge Research Professorship in Urology

Established: February 2020

Generously supported by an Anonymous donor in honor of S. Matthew Berge, MD

S. Matthew Berge Research Professor of Urology:

Kristin Chrouser, MD, MPH (2020 – Current)

James Montie, MD, Legacy Professorship in Urology

Established: June 2021

Generously supported by Mrs. Thomas C.

Shumaker, Regent Emeritus David A. and Mrs. Jan A. Brandon, Dr. Takahiro Osawa, Dr. Noah and Ms. Jennifer Canvasser, Dr. Ganesh and Ms. Anuradha Palapattu, Dr. Amy Luckenbaugh, Dr. John T. and Ms. May Wei, Dr. Todd Morgan and Ms. Wendy Lawrence, Dr. Khurshid Ghani, Mr. Vincent Cavataio and Mr. Adam Beeman, Mr. Steven Kay, Mr. Richard C. and Mrs. Judith L. Ronzi, Dr. Ryan C. and Mrs. Kristen Hedgepeth, Dr. Jim Dupree, Dr. Jeffrey S. and Mrs. Sonja Montgomery, Dr. Lawrence B. and Ms. Gale M. Schiamburg, Dr. Joseph Salisz, Mr. Charles F. and Mrs. Lynne D. Clippert, Dr. David P. Wood Jr. and Mrs. Amy E. Wood, Dr. Guilia Lane, Dr. Peter C. and Ms. Nicole Fisher, Dr. Emilie K. Johnson-Bell and Mr. Terence Bell, Dr. Arul M. and Dr. Kavitha Chinnaiyan, Dr. Eric A. Klein, Dr. Craig J. and Ms. Sheila Kozler, Mr. Robert V. and Mrs. Susan B. Peterson, Mr. Clark J. and Mrs. Mary A. Charnetski, Mr. Philip A. Grashoff Jr. and Mrs. Barbara S. Grashoff, Mr. Kenneth J. and Mrs. Phyllis J. Timmer, Mr. John J. and Mrs. Caren C. Cichon, Mr. Paul Biederman, Mr. Michael and Mrs. Linda E. Burke, Mr. Donald J. Dawson Jr. and Mrs. Mary Jo Dawson, Dr. Steven W. Kowalsky and Ms. Ilene L. Burk, Dr. Marc E. and Mrs. Ronna A. Taub, Dr. Ward R. and Mrs. Mary B. Gillett, Dr. Timothy A. and Mrs. Cathleen M. McHugh, Dr.

Michael W. McDonald, Dr. Julian H. Wan, Dr. John M. and Mrs. Helen Park, Mr. William and Mrs. Marjorie Sandy, Dr. C. Peter and Mrs. Beverly A. Fischer, Mrs. Betty L. Konnak, Dr. David A. and Mrs. Martha L. Bloom, Dr. Muzammil M. and Dr. Asra Z. Ahmed, Dr. Dee E. Fenner and Mr. Charles F. Moss, Dr. Gary J. Faerber and Dr. Kathleen A. Cooney, Dr. Abraham Slaim and Ms. Sheri Mark, Dr. Laurence H. and Mrs. Maxine V. Baker, Dr. Timothy G. Schuster and Dr. Katie E. Richards-Schuster, Dr. Kenneth J. and Mrs. Michelle M. Pienta, Dr. David C. and Mrs. Inge S. Miller, Dr. David A. and Mrs. Rasheena E. Taub, Dr. Daniela A. Wittmann and Dr. Jonathan A. Cohn, Dr. Aruna V. Sarma and Dr. Naresh T. Gunaratnam, Dr. Meidee Goh and Dr. David S. Fry, Dr. Caleb P. Nelson, Dr. Brent K. and Mrs. Ann T. Hollenbeck, Dr. Michael G. and Mrs. Lela M. Rashid, Dr. Herkanwal S. Khaira, Dr. Ronald S. Suh, Ms. Kathryn A. Burns, Dr. William K. Johnston III and Dr. Katie E. Johnston, Ms. Mary V. Gibbons, Dr. Cheryl T. Lee and Mr. W. Joseph Amato, Dr. J. Stuart Wolf Jr. and Mrs. Jennifer Wolf, Dr. Mark A. and Mrs. Mia M. Moyad

James Montie, MD, Legacy Professor of Urology:

Anne Pelletier Cameron, MD (2021 – Current)

Jack Lapides, MD, Research Professorship in Urology

Established: September 2021

Generously supported by Jack Lapides, MD

Jack Lapides, MD, Research Professor of Urology:

Todd M. Morgan, MD (2021 – Current)

THE NESBIT SOCIETY

The Reed M. Nesbit Urologic Society is the official alumni society of the U-M Department of Urology. Reed M. Nesbit was the head of the Section of Urology (which later became the Department of Urology in 2001) up until 1968 when he retired and Jack Lapides took over. Informal gatherings of alumni and supporters occurred sporadically in the 1960s as part of the overall Michigan Medical Center Alumni Association, but sufficient interest grew to form a urology-specific society. Founded by the residents and faculty who had worked with Reed Nesbit, the first meeting took place in Ann Arbor on October 27, 1972. The mission of the Society is to gather the alumni, faculty, friends and supporters of the Department to discuss scientific, professional and academic concerns in an atmosphere of warm fellowship and friendship.



The Society holds two official events each year. In the spring, in conjunction with the annual American Urological Association meeting, a cocktail reception is held on Sunday evening in the host city. In the fall, the annual reunion meeting, held

around a home football game weekend in Ann Arbor. This is a multi-day affair begins with Grand Rounds on Thursday and a full day session on Friday. The scientific program is open to the public and interested physicians and other health care

team members. The format of the program includes a visiting professor who will give talks on his or her area of urologic interest. The reunion concludes with a tailgate on Saturday before the football game. ●

Nesbit
Group
Photo,
October
2019



RESIDENTS: William Butler • Reed Nesbit • William Bromme • Walter Keitzer • Curtis McDonnell • Frederick McLellan • Rigdon Ratliff • Donald Douglas • Vernon Dick • William Gordon • Kyril Conger • William Valk • Robert Cummings • Inis Diez • Edgar Webb • Luis Delatte • Robert Plumb • Jack McGregor Lynn • A. Waite Bohne • Dolphus Compere • Stanley Glickman • William Miller • John Ryan • William Butler • Gabriel Llano-Escobar • J. Tate Mason • William Baum • Jack Lapides • Stuart Busby • Basil Page • Jack Taylor • Richard Thirlby • Robert Juzek • Austin Dodson • Charles MacKinney • John Murphy • John Withycombe • Guillermo Duffo • Tom Nesbitt • John Bobbitt • William Crenshaw • Robert McClellan • Bruce Linderholm • Livius Stroia • James Morrow • Russell Scott, Jr. • Sheldon Fellman • Norman Hodgson • Ronald McGrigor • James Pierce, Jr. • Arjan Amar • Alton Coppridge • Ralph Straffon • William Lakey • Carl Sauls • Marvin Woodruff • Barry Breaky • Bruce Stewart • John Wear, Jr. • Joseph Cerny • A. Richard Kendall • William Reus • Robert Bishop • Dewey Heetderks • Harold McDonald, Jr. • Richard Bourne • Mark McQuiggan • Charles Bourne • Roy Correa, Jr. • Stephen Sniderman • H. Dale Alkema • Lawrence McDonald • Karl Schroeder • J. Bernard Sloan • Cheng-Yang Chang • Karl Herwig • Mario Labardini • Richard Dorr • Gregor Emmert, Sr. • Jaime Gutierrez-Gongora • R. Thomas Costello • John Konnak • David Skeeel • Thompson Southwell • Rifaat Dagher • Ananias Diokno • John Hall • Tomohiko Koyanagi • Charles Adams • Sahir Cattan • John Gambee • Edward Tank • David Hardy • Charles Hyndman • Daniel Karsch • Carl Van Appledorn • R. Bruce Bracken • James Emmons • Richard McIlroy • Sherman Silber • Robert Barnett • Thomas Kub • Thomas Newman • Lee Underwood • Alex Finkbeiner • Frank Gould • Mark Kalish • Stephen Koff • Paul Bessette • Laurence Harewood • Evan Kass • Earl Koenig • Marc Taub • Paul DeRidder • H. Barton Grossman • Robert MacGregor • Phillip Storm • Robert Vinson • David Harold • Timothy McHugh • Alvaro Montealegre • Paul Sonda • Peter Federici • C. Peter Fischer • Charles Gershon • Michael McDonald • Daniel Piazza • Chin-Ti Lin • Leonard Zuckerman • Charles Eckstein • Barry Kogan • Surendra Kumar • David Perlow • M. Hugh Solomon • Paul Gleich • Ronald Lee • Charles Reynolds • Carl Smith • Carol Bennett • Fred Foss • John Heller • Daniel Murtagh, Sr. • Frank Begun • Jay Hollander • Steven Kowalsky • Richard Muncaster • Ward Gillett • Peter Knapp • Richard Mazo • Domingo Suatengco • Howard Usitalo • Stephen Wang • Gamal Ghoniem • Dana Ohl • Steven Steinberg • Michael Chancellor • Richard Steinberg • Richard Steinberger • David Burks • Gary Faerber • Mike Kozminski • William Letson • Elizabeth Newsom • Julian Wan • Jaroslava Zoubek • David Key • Philip Sweetser • Mitchell Wiatrak • Harris Foster, Jr. • Ann Oldendorf • Stephen Schwartz • Hans Stricker • Stanley Swierzewski, III • Michael Zaragoza • Toby Chai • Thomas Grimaldi • Michael Kennelly • John Park • Anvita Sinha • James Song • Richard Campo • Theodore Chang • Stephanie Meyers • Cheryl Lee • Thomas Richardson • Anita Tekchandani • Muzammil Ahmed • Keow Goh • Apoorva Vashi • David Kraklau • Armando Plata • Marie-Blanche Tchetgen • Robert Marcovich • Christopher Vallorosi • Jeffrey Williams • Stephanie Kielb • Michael Rashid • Brian Seifman • Brent Hollenbeck • Caleb Nelson • Atreya Dash • Khaled Hafez • Craig Kozler • Timothy Schuster • Herkanwal Khaira • David Miller • Ronald Suh • Bert Chen • Peter Fisher • David Taub • Damon Davis • Jeff Montgomery • Wendy Siu • Timothy Bradford • John Hollingsworth • Kathleen Kieran • Alison Christie • David Morris • Ryan Schulte • Christopher Hempel • Simon Kim • Rou Wang • Emilie Johnson Bell • Walter Parker • Jeffery Wheat • Nina Casanova • Christopher Filson • Robert Jackson • Nicholas Styn • Jonathan Ellison • George Schade • Hung-Jui Tan • Gareth Warren • Sapan Ambani • Daniel Miller • Jaclyn Milose • R. Matthew Smith • Noah Canvasser • Joanne Dale • Casey Daw • Rebekah Beach • Miriam Hadj-Moussa • Michael Kozminski • Amy Li • Galaxy Shah • Katy Konkle • Ian McLaren • Duncan Morhardt • Ryan Swearingen • Amir Lebastchi • Amy Luckenbaugh • James Tracey • Yooni Yi • Ella Doerge • Zachary Koloff • Ted Lee • Parth Shah • Michael Fenstermaker • Rita Jen • Matthew Lee • Christopher Russell • Adam Cole • Scott Hawken • Lauren Corona Johnson • Udit Singhal

FELLOWS: Karl Schroeder • Ananias Diokno • Alex Finkbeiner • R. Bruce Bracken • Charles Hyndman • M. Hugh Solomon • Gamal Ghoniem • Ronald Lee • Friedhelm Noll • Ted McDermott • Kazu Oshima • Ron Grainger • Hugh Flood • John Norbeck • Johan Denil • Wout Feitz • Philip Sweetser • Julian Wan • E. Ann Gormley • Thomas Rozanski • Michael Kennelly • Harry Koo • M. David Bomalaski • Nopporn Choeypunt • Jens Sonksen • Saumar Barah • Bharati Kulkarni • J. Quentin Clemens • Hong Suh • E. Oluwabunmi Olapade-Olaopa • David Glazier • Willie Underwood • Jennifer Gruenenfelder • Javid Javidan • Brian Seifman • William Johnston, III • Caleb Nelson • John Stoffel • Brent Hollenbeck • Daniel Morgan • Linda Ng • Timothy Schuster • Herkanwal Khaira • Rabii Madi • David Miller • Jennifer Sobol • Atreya Dash • Alon Weizer • Scott Gilbert • Wendy Siu • Yehoshua Gdor • Jeff Montgomery • Craig Nicholson • Anne Pelletier-Cameron • Seth Strobe • Ryan Hedgepeth • Ted Skolarus • Rou Wang • Christopher Allam • Allen Haraway • Robert Jackson • Christopher Filson • Bruce Jacobs • Nina Casanova • Florian Schroeck • Anne Suskind • Lindsey Cox • Sara Lenherr • Paul Womble • Abdulrahman Al Ruwaily • Sapan Ambani • Chandy Ellimoottil • Takahiro Osawa • Yahir Santiago-Lastra • Gregory Auffenberg • Paholo Barboglio Romo • Miriam Hadj-Moussa • Lindsey Herrel • Simpa Salami • Tudor Borza • Elizabeth Dray • Courtney Streur • Nnenaya Agochukwu • Ali Aldoukhi • Irene Crescenze • Deborah Kaye • Sami Majdalany • Parth Modi • Alyssa Gracely • Spencer Hiller • Nikta Rezakahn Khajeh • Guilia Lane • Judith Stangl-Kremser • Jeff Tosoian

