Department Of Urology

2009-2010 Annual Report
The Department of Urology at Ohio State University was again pleased to be named one of the top 50 urology programs by U.S. News & World Report.

This past year was a particularly successful year for us in our effort to build an endowment for our department. We were able to establish three new funds from good friends of the department: The Robert Cecil Walter endowment, The Michael and Janis Bloch endowment and the Irv and Bonnie Babbert endowment. A measure of our faculty’s conviction of the importance of endowment was their willingness to match the contributions from our generous donors.

We believe the educational platform for residency training at Ohio State has improved substantially. We have nine adult faculty members and four full-time pediatric urologists. Our two graduating chief residents both successfully passed the qualification exam for the American Board of Urology. Dr. Greg Lowe is completing a fellowship in men’s sexual health under the direction of Dr. Ray Costabile at the University of Virginia in Charlottesville. At the completion of his fellowship in July of 2011 he will return to join our faculty. Dr. Asha Shah is now in private practice in Springfield, Ohio. During the year our academic highlight was the visit of Dr. Peter Schlegel, Professor and Chairman of the Department of Urology at Cornell University Medical Center as our 13th Chester Winter visiting professor. In addition to Dr. Schlegel’s visit, Dr. Seth Lerner from Baylor College of Medicine delivered the Sara Lee Youngs bladder cancer lectureship. Dr. Philipp Dahm was our visiting scholar and presented a seminar on evidence based medicine. All of these individuals contributed to the spirit of investigation extant in our department.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.

The number of presentations and publications in peer-reviewed literature has improved dramatically over past years. Each of our faculty members has enjoyed invitations to present their work at national and international meetings. A robotic surgical program directed by Dr. Abaza is one of the best urologic robotic surgery programs in the world.

We very much look forward to the opportunity to build and extend the delivery of urologic services to central Ohio. We believe in the near future during our upcoming ACGME site visit that we have the educational rationale to increase from 12 to 16 total residents. We are encouraged by the invitation to participate in curriculum planning for medical students as we believe that urology represents an area of common patient problems that is underrepresented in undergraduate curricula.

Through the efforts of our administrative staff and our support staff we have developed a high-performance workplace of choice. It has been gratifying to observe the growth in our clinical service, educational endeavors, and scholarship.

During the year we were delighted to successfully recruit Dr. Christopher McClung to our faculty. Dr. McClung trained in urology at Loyola University in Chicago and completed fellowship training in trauma and reconstructive surgery under the direction of Dr. Hunter Wessels at the University of Washington in Seattle. We also welcome Dr. Daniel Mulligan, a graduate of the urology training program at Northeastern Ohio University, who will complete a one-year robotic fellowship under the direction of Dr. Romney Abaza.
“Robotic Urologic Surgery continues to be the flagship of robotics at OSU, which has one of the best robotic surgery programs in the World.”

Ronney Abaza, MD
Assistant Professor, Director of Robotic Urology Surgery, Co-Director of Ohio State’s Center for Advanced Robotic Surgery

Dr. Abaza has focused his efforts on working with surgeons within as well as outside the Department of Urology to continue to advance the applications of robotic surgery at Ohio State and the James. The past academic year has seen continued clinical growth of the robotics program as well as academic achievements in research and education.

The multidisciplinary robotics program achieved a milestone during the last quarter when it rose to become the second highest in robotic surgical volume in the entire United States. Currently, more than 70 different robotic procedures are offered by more than 30 surgeons across surgical disciplines representing one of the most diverse and well-rounded robotics programs in the World. OSU Urology continues to be the flagship for the robotics program with four robotic surgeons performing more than half of all robotic surgeries at OSU, where nearly 1200 were performed in the last academic year. As a dedicated robotic surgeon, Dr. Abaza performed 457 robotic procedures during that year alone.

In the arena of research, OSU Urology continues to generate significant contributions through publications and presentations at regional, national and international meetings. Dr. Tariq Khemees, research fellow working with Dr. Ahmad Shabsigh, presented several projects involving robotic kidney surgery performed by OSU urologists. In addition, Dr. Abaza gave 30 scientific presentations on his research in robotic surgery over the past year at conferences including the annual meetings of the American College of Surgeons, the American Urological Association, and the World Congress of Endourology, among others. Dr. Abaza was also an invited speaker at several conferences including state, national and international meetings. Most notable among Dr. Abaza’s recent publications is his experience with the first ever series of robotic procedures treating kidney cancers extending into the vena cava.

Dr. Abaza’s research regarding robotic lymph node dissections for bladder cancer was chosen as the best poster for Urology and best poster overall at the annual meeting of the Society of Laparoendoscopic Surgeons. Dr. Abaza was also awarded the “Distinguished Robotic Surgeon Award: Pioneer of da Vinci Urologic Surgery” this year by Intuitive Surgical, makers of the da Vinci robotic surgical system.

Education in robotic surgery continues to progress at OSU as well. This year, OSU Urology again hosted the only program designed specifically for residents from around the country in robotic surgery with plans for the third annual National Urology Resident Preceptorship in Robotic Surgery to be held at OSU again in April 2011. This past year, in addition to live surgeries and renowned guest faculty, a hands-on training was offered for visiting residents as part of the course. Trainees at OSU also continue to benefit from educational initiatives in robotic surgery including development of a web-based robotic surgery logging and evaluation tool that went into effect this year as well as a robotic surgery fellowship program under Dr. Abaza’s leadership.
Following a review from the Dean’s staff this past spring, Dr. Bahnson was reappointed for a four-year term as the Dave Longaberger Chair in Urology and as the Chairman of the Department of Urology. Dr. Bahnson continues his work in numerous national organizations. He currently serves as a trustee of the American Board of Urology and represents the board at the meetings for the American Board of Medical Specialties. He currently serves as the chair of the Advisory Council for Urology to the American College of Surgeons and was elected as the Chair of the Advisory Council Chairs. He recently completed his final term as vice chair of the program committee for the Clinical Congress of the American College of Surgeons. Dr. Bahnson serves on the milestones committee for the ACGME. This committee is developing measurable milestones in all of the core competencies which will ultimately be integrated into the program requirements for residency training in urologic surgery. This spring Dr. Bahnson was elected as President of the Society of University Chairpersons and Program Directors. He continues to serve on the Council for the American Association of Genitourinary Surgeons.

Dr. Bahnson was pleased to conclude an investigative study this past year on molecular imaging of clear cell renal cell carcinoma. This cooperative study with Wilex, A.G. led to a latebreaking plenary session presentation at the annual meeting of the American Urological Association. Dr. Bahnson also serves as the News and Topics editor, along with Dr. Ahmad Shabsigh, for Urologic Oncology Seminars and Original Investigations.

Robert R. Bahnson, MD, FACS
Department Chairman and Professor

“The modis operandi of the Department of Urology is the performance of all duties with alacrity.”
Volumes at OSU East continue to increase. Family Practice residents rotate through our clinic. Plans are to start performing cryoablation of small renal tumors in the upcoming year. Volume and diversity of cases are expected to continue to increase. Dr. Gregory Lowe will base his Andrology & Infertility practice at OSU East. He will begin seeing patients July, 2011.

Frank P. Begun, MD
Associate Professor
Director, Urologic Services at OSU East

“Everyday, challenge yourself to do something to add to the greater good”
Frank P. Begun, MD
Associate Professor
Director, Urologic Services at OSU East
He is working to put together an ultrasound curriculum for the residents. The AIM curriculum that is being developed will create the infrastructure to cover the basics of kidney, bladder, scrotum and prostate. At the completion of the course that involves surveys, online modules and quizzes, work in the skills lab and work in the clinical setting, residents will have a digital portfolio and a letter of recommendation to help with credentialing. Residents were able to attend a didactic session followed by a hands-on component involving practice on volunteers.

Dr. Box and a fellow faculty member put together a MedNet webcast (longest continually running CME program in the country) that was entitled “Genitourinary Infections. According to Dr. James Allen, Moderator and Editor for OSU MedNet 21 stated that this was one of the most important topics that has been covered in the past few seasons.

He continues to work with Dr. Ronney Abaza on putting together a semi-annual skills lab. Each class of OSU residents are trained in a hands-on environment. This experience gives them an unparalleled view of the surgical realities facing urologic surgeons. During these sessions, the residents get hands-on training in the laparoscopic/robotic partial and complete removal of the kidney.

He was a facilitator of the Objective Structures Assessment of Technical Skills (OSATS) lab. With this system it would give us the ability to evaluate surgical resident performance. The evaluation contained two parts: cognitive and psychomotor skills. This system enables residents to be evaluated in a manner free of any faculty bias such as PGY level, etc.
2009-2010 was a very successful year for the OSU Comprehensive Kidney Stone Program. The clinical volume of the program continued to grow and Dr. Knudsen was able to help patients by performing over 250 ureteroscopies and approximately 150 percutaneous nephrolithotomy procedures. Improved efficiency in the UH operating room assisted in achieving these milestones. Strong demand continued for the Metabolic Stone Clinic and our partnership with the Department of Nutrition Services and dietician Liz Weinandy has provided patients to have all aspects of their stone disease addressed.

A strong research program focus on stone disease continued during the last year. Along with multiple peer reviewed publications, Dr. Knudsen presented multiple abstracts at the American Urological Association annual meeting as well as the World Congress of Endourology and the North Central Section of the AUA. Dr. Knudsen taught several courses and gave several hands-on sessions on flexible ureteroscopy at the AUA and WCE helping to educate physicians around the world on the latest developments in the surgical treatment of stone disease. Dr. Mary Ann Kenneson, a urology resident at OSU, was mentored by Dr. Knudsen in her research project and went on to win the Best Paper award at the Ohio Urological Society annual meeting. 2010-11 promises to be another busy year with Dr. Knudsen chairing the urology session at the SPIE Photonics West held annually in San Francisco. Dr. Knudsen continues to review manuscripts for multiple medical journals including the Journal of Urology, the Gold Journal, the Journal of Endourology, and Lasers in Surgery and Medicine.

Dr. Knudsen, as the Medical Director for Health System Outpatient Urologic Services, has worked extensively with OSUMC Leadership during 2009-10 to improve patient satisfaction and safety. He will help lead the adoption of Crew Resource Management, a program to improve patient safety using tools developed by the airline industry, within Urology.
The last year has been an exciting time in my life. I completed my fellowship in urologic trauma and reconstruction in July under Dr. Hunter Wessells at the University of Washington. One month later, I began my new career at The Ohio State University Medical Center.

My vision is to establish Ohio State Urology as a center of excellence for urologic reconstruction and trauma. My particular areas of interest include the acute management of urologic trauma, urethral reconstruction for stricture disease, Peyronie’s disease, post-prostatectomy incontinence, and the management of erectile dysfunction.

In the short time that I have been on faculty at OSU, we are already seeing a tremendous growth in this unique subspecialty of urology. Referrals are continuing to increase, and our surgical volume is following suit. I am excited to see the trajectory of growth this coming year for urologic reconstruction at Ohio State.
Dr. Pohar’s lab completed an in depth analysis of the relationship between the RB tumor suppressor pathway and the transcription factor E2F3 in human bladder cancer. The canonical pathway of RB-E2F3 being solely involved in G1/S cell cycle transition is being challenged by novel findings of E2F3 gene amplification that is context dependent. To test the hypothesis that E2F3 has novel non-cell cycle cancer functions the lab genetically engineered three valuable mouse strains. The mouse strains include a bladder specific gene promoter, uroplakin II, combined with Cre recombinase to allow for bladder specific gene knockout, a gene of choice inducible system combining uroplakin II with reverse tetracycline-controlled transcriptional activator (rtTA) and a mouse strain that is capable of overexpressing E2F3 that is spatially and temporally controlled by doxycycline ingestion.

Dr. Pohar’s lab also completed a detailed analysis of CpG island promoter methylation in a region of the long arm of chromosome 9 that is commonly deleted in human bladder tumors. The promoter of a gene with unknown function was identified as commonly methylated in higher stage bladder tumors. Further experiments confirmed methylation was associated with reduced gene expression and multiple isoforms of the gene have been identified by the use of alternative promoters and splice sites. A plasmid containing the gene was constructed to carry out cell transfection experiments and functional studies.

Twenty-three patients were enrolled on an IRB-approved imaging study (Co-PI Kamal Pohar, MD) in bladder cancer. The study is evaluating whether 3 Tesla MRI and ex-vivo ultra-high field MRI can improve upon current limitations of accurately staging bladder cancer and assessing response to neoadjuvant chemotherapy prior to radical cystectomy. Also the results of a secondary aim of a prospective surgical study evaluating the prognostic utility of lymph node density following radical cystectomy was published in the Journal of Urology (How Do Commonly Performed Templates of Lymphadenectomy Influence Bladder Cancer Nodal Stage?). The study is ongoing.

Dr. Pohar’s research findings from the past year were presented at the annual meetings of the North Central Section of the American Urological Association, Society of Urologic Oncology, American Association of Cancer Research and American Urological Association. Dr. Pohar was invited by the organizing committee of the North Central Section of the AUA to give a presentation entitled, “Update in Bladder Cancer”, to practicing urologists. Dr. Pohar was also invited to speak at a symposium on bladder cancer hosted by the Cleveland Clinic. The symposium was organized by the Bladder Cancer Advocacy Network and urology faculty of the Cleveland Clinic Foundation. Dr. Pohar was also extended an invitation of membership to an exclusive group of North American thought leaders in bladder cancer (Bladder Cancer Think Tank).
Dr. Shabsigh started his training in urologic cancer at the Molecular Urology Research Laboratory of Columbia University in New York City under the leadership of Professor Ralph Buttyan in the late 1990s. He then completed his residency training in urologic surgery at New York Presbyterian Medical Center under the mentorship of Dr. Carl A. Olsson and Dr. Mitchell C. Benson. Before joining Ohio State, Dr. Shabsigh was a Fellow in urologic oncology in the Department of Urology at Memorial Sloan Kettering Cancer Center in New York City. During his fellowship he worked with some of the most experienced specialists in the world of urologic oncology.

Combining unique skills in laparoscopic and robotic surgery to his extensive training in urologic oncology, Dr. Shabsigh implements a global approach in the treatment of urologic cancers, such as prostate, bladder, kidney, testicular and penile cancers. His focus is on curing the cancer and minimizing the postoperative side effects. During his residency training in the early 2000s, he participated in the first few robotic prostatectomies done in New York City at New York Presbyterian Medical Center, and his experience continued during his fellowship. Since then, robotic surgery for different urologic malignancies has become an integral part of his practice. Dr. Shabsigh works closely with specialists in urologic cancer from different disciplines, medical oncology, radiation oncology, and urologic pathology to provide world class care for patients with complex urologic cancers.

He has a strong research interest focusing on surgical outcomes, quality of life and the biology of urologic malignancies. He collaborates with the departments of radiology, pathology and College of Veterinary Medicine to develop new techniques to help understand the biology, diagnosis and treatment of cancer. Dr. Shabsigh leads the clinical outcome research fellowship. He mentors medical students and urologists in clinical research methodology. His current research focuses on the outcome of robotic vs. laparoscopic vs. open techniques.

Dr. Shabsigh is a member of several prestigious national and international societies, such as the American Urologic Association, the Society of Urologic Oncology and the American College of Surgeons. He has presented at national and international meetings and has won awards from local and national urologic societies for his research in urologic cancer treatment and outcomes.
“Urologic Cancers at OSU are being treated with the latest in advances in surgical treatment and are able to take advantage of the multidisciplinary care of dedicated surgeons, medical oncologists, pathologists, and radiation oncologists.”

David S. Sharp, MD  
Assistant Professor

Urologic oncology at Ohio State continues to increase in volume as well as acclaim, both regionally and nationally. Dr. Sharp continues to be a leader in both open and minimally-invasive surgery for urologic cancers. His team continues to receive very high marks due to their dedication to patient care.

Robotic surgery at Ohio State University recently became the second largest multidisciplinary robotics program in terms of surgical volume in the United States. Robotic treatment of urologic cancers continues to drive this volume. Currently about a third to one-half of Dr. Sharp’s surgical volume is performed robotically or laparoscopically. When diseases are not best treated in a minimally invasive fashion, Dr. Sharp is able to provide expert and experienced open procedures that remain at the cutting edge of surgical treatment.

Dr. Sharp’s recent accomplishments include an invitation to be a panelist to discuss “Challenging and Controversial Cases in Renal Cell Cancer” at the North Central Section. He was selected as Physician of the Month for University Hospital by the nurses and staff. Additionally, he was selected to become a board member for the Ohio Urologic Society.

Education in urologic cancers is exemplified by the well-attended multidisciplinary genitourinary conferences. These conferences not only are educational for resident physicians, nursing, and staff, but bring to light new opportunities for research. He is Principal Investigator at OSU in an adjuvant trial of pazopanib for the treatment of locally-advanced renal cancers following renal surgery. He is working on research into prognostic factors in kidney cancer and ways to decrease loss of renal function with kidney cancer treatments. The team of physicians including urologists, medical oncologists, pathologists, and radiation oncologists treating genitourinary cancers at OSU lead in accrual to intergroup clinical trials. Dr. Sharp hopes to continue this trend by continuing to support this and other trials to offer his patients the most recent advances in the multidisciplinary treatment of urologic cancers.
Daniel Mulligan, MD  
Robotic Fellow

Dr. Mulligan completed his residency training in Akron, OH in 2010 under the tutelage of Program Director Dr. Phillip Nasrallah. He recently successfully completed his written board examination and is now training in robotic urologic surgery in a fellowship with Dr. Ronney Abaza. He is a clinical Assistant Professor here at OSU medical center and The James Cancer hospital.
This last year the Department of Urology has made great strides on our mission to improve people’s lives through innovation in patient care, education and research.

We continue to be recognized nationally and locally for our clinical and academic acumen, and as our reputation grows, so does our clinical practice. We are one year into our expansion at OSU East which has improved patient access to Urologic care in Central Ohio and has allowed us to provide Urology support to the different specialties at the hospital.

Dr. Frank Begun joined last year and has been pivotal in the success of our growth at OSU East by bringing his expertise in stones and minimally invasive urologic techniques. At the OSU main hospital, we have been very lucky with the recent acquisition of Dr. Christopher McClung. His unique and highly coveted skills in Urologic Trauma and Reconstruction will enable us to work with the trauma surgeons to provide interdisciplinary care to patients with complex urologic issues. We are also expanding our reach to the other side of the globe. Dr. Geoffrey Box was one of two urologists in the country awarded the opportunity to participate in the 2011 AUA/USI Academic exchange program where he will bring his fellowship training in Minimally Invasive Urology to help develop similar programs in India.

As the need for Urologic services increases, the Department of Urology will continue to widen its footprint in central Ohio to improve patient access to care.

The generous financial contributions from supporters of the Department of Urology over the past year has helped augment our resident education. In October, we had our 13th Annual Chester C. Winter Visiting Professor with Dr. Peter Schlegel. During his visit the residents and faculty were able to discuss with him new surgical methods of testicular microdissection for patients with azospermia. Recently we finished our bi-annual laparoscopy lab, a small part of our curriculum in minimally invasive urology which also includes endoscopy and robotics training.

We continue to add to the field of knowledge in Urology. Nearly all of the current residents routinely present scientific and clinical research at national conferences and publish papers in peer reviewed, highly regarded scientific journals. This was also the second year in a row that an Ohio State Urology resident (Dr. Mary Ann Kenneson) won the award for top abstract at the Ohio Urological Society.

Improving people’s lives through patient care, education and research is central to our efforts and we will continue doing this in the coming years.

Achal P. Modi, MD
2009 Donors

$100,000 & above
- Janis B Bloch
- Michael D Bloch
- Robert & Peggy Walter
- OSU Urology LLC

$10,000 to $49,999
- Bonnie J and Ervin C Babbert
- University Urology Education & Research Foundation

$5,000 to $9,999
- Dr John W and Leigh Ann Peck
- Henry A Wise II, MD

$2,500 to $4,999
- Robert R Bahnson, MD
- Geoffrey N Box, MD
- John B and Jane McCoy

$1,000 to $2,499
- Jason P Gilleran, MD
- Clay P Graham Esq.

$500 to $999
- Betty A Chassar
- Kellie R Hoffman
- Danielle S Hoy
- Stephen A Koff, MD
- Janet McGarr, MD
- Karen A Melton
- North Point Advisors Inc
- Traci E Robbins
- Lydia M Robinette
- Jennifer L Theadore
- Mary Lou Valone
- Joni Wright

$100 to $499
- David Arend, MD
- Kara Arend
- Frank Phillip Begun, MD
- Darren M Chapman, MD
- Russell M and Joyce Gerdtmann
- Joyce A Perry
- Kamal S Pohar, MD
- Agustinus Rushanaedy, MD
- David S Sharp, MD
- Richard J Soderberg
- L S Williams Jr
- Sarah B Williams
- W Peter Williams

$99 & below
- Robert R Bahnson, MD
- Dr Joseph R Drago
- Dr Henry A. Wise, II

$500 to $999
- Dr Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$100 to $499
- Charles S & Mary Coen Family
- Dr. Robert A. Badalament
- Dr. Geoffrey N. Box
- Dr. Lionel E. Dorfman
- Dr. Jason P. Gilleran
- Dr. Ketul K. Shah
- Jill Cox Warner
- L. S. Williams Jr.

$99 & below
- Dr David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.

$1,000,000 & above
- Longaberger Foundation
- George A. Skestos

$50,000 to $1,000,000
- OSU Urology LLC
- University Urology Education & Research Foundation

$100,000 to $500,000
- Ervin & Bonnie Babbert
- Michael D. & Janis Bloch
- Walter Family Foundation
- Dr. Mary G. Winter
- Dr. Chester Winter
- Sara Lee Youngs

$50,000 to $99,999
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$10,000 to $49,999
- Charles S & Mary Coen Family
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$500 to $999
- Dr. David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.

$2,500 to $4,999
- American Medical Systems
- Dr. Bodo E. Knudsen
- Robert R. LaFollette
- John B and Jane McCoy
- Barbara L. Neibit
- Dr. Vipul R. Patel
- Dr. John F. Perez
- Dr. Ketul K. Shah
- Surgical Research Inc.
- Dr. Hall S. Wiedemer
- Dr. Jeffrey P. York

$500 to $999
- Dr. David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.

$1,000,000 & above
- Longaberger Foundation
- George A. Skestos

$50,000 to $1,000,000
- OSU Urology LLC
- University Urology Education & Research Foundation

$100,000 to $500,000
- Ervin & Bonnie Babbert
- Michael D. & Janis Bloch
- Walter Family Foundation
- Dr. Mary G. Winter
- Dr. Chester Winter
- Sara Lee Youngs

$50,000 to $99,999
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$10,000 to $49,999
- Charles S & Mary Coen Family
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$500 to $999
- Dr. David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.

$2,500 to $4,999
- American Medical Systems
- Dr. Bodo E. Knudsen
- Robert R. LaFollette
- John B and Jane McCoy
- Barbara L. Neibit
- Dr. Vipul R. Patel
- Dr. John F. Perez
- Dr. Ketul K. Shah
- Surgical Research Inc.
- Dr. Hall S. Wiedemer
- Dr. Jeffrey P. York

$500 to $999
- Dr. David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.

$1,000,000 & above
- Longaberger Foundation
- George A. Skestos

$50,000 to $1,000,000
- OSU Urology LLC
- University Urology Education & Research Foundation

$100,000 to $500,000
- Ervin & Bonnie Babbert
- Michael D. & Janis Bloch
- Walter Family Foundation
- Dr. Mary G. Winter
- Dr. Chester Winter
- Sara Lee Youngs

$50,000 to $99,999
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$10,000 to $49,999
- Charles S & Mary Coen Family
- Dr. Robert R. Bahnson
- Dr. Joseph R. Drago
- Dr. Henry A. Wise, II

$500 to $999
- Dr. David & Kara Arend
- Mary S. Basinger
- Dr. Andy Cho
- Dr. Kenneth A. Son
- Jill Cox Warner
- L. S. Williams Jr.


Johnson M, Knudsen B. Flexible ureteroscopy with a single-use scope: first North American case with the polycystoscope. Presented at the North Central Section of the AUA held in Chicago.


Kenneson MA, Zinger D, Knudsen B. Histologic impact of dual modality intracorporeal lithotripsy to the renal pelvis. Presented at the North Central Section of the AUA held in Chicago.


Lowe G, Abaza R. Three-Port Robotic Urologic Surgery without a Laparoscopic Bedside Assistant, presented at the Ohio Urological Society Annual Meeting (Columbus, OH), the American College of Surgeons 94th Annual Clinical Congress (Chicago, IL) and the Annual Meeting of the Engineering in Urology Society (2010, Chicago, IL).


Shah K, Gillenar J. Upper tract sampling of native kidneys and the role of bilateral native nephron biopsy in transplant patients with recurrent urinary tract infections. Podium
presentation at North Central section AUA 2009 meeting at Scottsdale, Az

Shah K, Monga M, Knudsen B. Prospective, randomized trial comparing two flexible digital ureteroscopes: Gyrus ACMI/Olympus Invisio® DUR-D® and Olympus URF-V. Podium presentation at 2010 AUA meeting at San Francisco, CA

Shore D, Box GN, Abaza R. Status of Robotic Surgical Education in Urology Training Programs. Poster at the World Congress of Endourology in Chicago.  


Patients are seen by appointment only, Monday through Friday, 8:00 am to 5:00 PM. Appointments can be made weekdays by calling the listed numbers below. General information 614-293-8155

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone number</th>
<th>Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Romney Abaza, MD</td>
<td>614-293-0981</td>
<td>Referrals for robotic surgery only for any of the following: Prostate Cancer, Bladder Cancer, Kidney Masses, Adrenal Masses, Kidney and ureter obstruction, reconstruction for upper tract cancer (ureteral, renal pelvis)</td>
</tr>
<tr>
<td>Robert R. Bahnson, MD</td>
<td>614-293-3656</td>
<td>Physician Referrals Only. All Urologic complaints. Vasectomies</td>
</tr>
<tr>
<td>Frank P. Begun, MD</td>
<td>614-275-2396</td>
<td>All Urologic complaints, including kidney stones</td>
</tr>
<tr>
<td>Geoffrey N. Box, MD</td>
<td>614-293-9349</td>
<td>Kidney masses, Prostate cancer (robotic), Adrenal masses, Upper tract (renal pelvis, ureteral) cancer, Kidney and Urteral stones/Nephrolithiasis/UPJ (Ureteropelvic junction) obstruction, Elevated PSA/Reteral strictures/Vasectomies/BPH, Enlarged prostate/Hydranehrosis/General urology</td>
</tr>
<tr>
<td>Christopher McClung, MD</td>
<td>614-293-3648</td>
<td>Urachal trauma, Urachal strictures/Incontinence, Erectile dysfunction, BPH/Stone disease, Adult hypospadias, Non-oncologic general urology, Vasectomies, Peyronies disease</td>
</tr>
<tr>
<td>Kamal Pohar, MD</td>
<td>614-293-4885</td>
<td>Bladder cancer (DIAGNOSED CANCER patients only). Testicular cancer (DIAGNOSED CANCER patients only)</td>
</tr>
<tr>
<td>Ahmad Shabsigh, MD</td>
<td>614-366-8560</td>
<td>Kidney masses, Prostate cancer (open, Lap, robotic), Elevated PSA, Testicular cancer, Penile or urethral cancer, Retropertioneal sarcoma/malignancies or malignant pelvic masses - Bladder cancer, BPH, Enlarged prostate/hematuria/general urology</td>
</tr>
<tr>
<td>David Sharp, MD</td>
<td>614-366-7389</td>
<td>Kidney masses, Adrenal masses, Prostate cancer (open, Lap, robotic), Elevated PSA/Retesticular cancer, Penile or urethral Cancer, Retropertioneal sarcoma/malignancies or malignant pelvic masses, Bladder cancer/BPH/Hematuria/general urology</td>
</tr>
</tbody>
</table>
## Approved Protocols

<table>
<thead>
<tr>
<th>Title</th>
<th>PI First Name</th>
<th>PI Last Name</th>
<th>PI Department</th>
<th>PI Role</th>
<th>PI Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETROSPECTIVE &amp; PROSPECTIVE ANALYSIS OF SURGICAL OUTCOMES OF ROBOTIC PROSTATECTOMY AT THE JAMES</td>
<td>Ronney</td>
<td>Ahmad</td>
<td>Urology</td>
<td>Co-I</td>
<td>Approved</td>
</tr>
<tr>
<td></td>
<td>David</td>
<td>Shabsigh</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Box</td>
<td>Geoffrey</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>PI First Name</th>
<th>PI Last Name</th>
<th>PI Department</th>
<th>PI Role</th>
<th>PI Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A COMPARATIVE STUDY OF PET/CT VERSUS DIAGNOSTIC CT FOR THE DETECTION OF CLEAR CELL RENAL CELL CARCINOMA IN PRE-SURGICAL PATIENTS WITH RENAL VESSELS USING SAVAGE 4D/4D IMAGING</td>
<td>Ronney</td>
<td>Ahmad</td>
<td>Urology</td>
<td>PI</td>
<td>Approved</td>
</tr>
<tr>
<td></td>
<td>David</td>
<td>Shabsigh</td>
<td>Urology</td>
<td>PI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Box</td>
<td>Geoffrey</td>
<td>Urology</td>
<td>PI</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>PI First Name</th>
<th>PI Last Name</th>
<th>PI Department</th>
<th>PI Role</th>
<th>PI Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D IMAGING OF THE BLADDER TUMOR USING decking 3 Tesla MRI AND 3D ultrasound (HIGH-FIELD MRI)</td>
<td>Ronney</td>
<td>Ahmad</td>
<td>Urology</td>
<td>Co-I</td>
<td>Approved</td>
</tr>
<tr>
<td></td>
<td>David</td>
<td>Shabsigh</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Box</td>
<td>Geoffrey</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>PI First Name</th>
<th>PI Last Name</th>
<th>PI Department</th>
<th>PI Role</th>
<th>PI Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETROSPECTIVE EVALUATION OF THE DOUBBLE BARRELED 80G/55G HYDROGRAPH</td>
<td>Ronney</td>
<td>Ahmad</td>
<td>Urology</td>
<td>PI</td>
<td>Approved</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>PI First Name</th>
<th>PI Last Name</th>
<th>PI Department</th>
<th>PI Role</th>
<th>PI Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETROSPECTIVE &amp; PROSPECTIVE ANALYSIS OF SURGICAL OUTCOMES OF ROBOTIC PROSTATECTOMY AT THE JAMES</td>
<td>Ronney</td>
<td>Ahmad</td>
<td>Urology</td>
<td>Co-I</td>
<td>Approved</td>
</tr>
<tr>
<td></td>
<td>David</td>
<td>Shabsigh</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Box</td>
<td>Geoffrey</td>
<td>Urology</td>
<td>Co-I</td>
<td></td>
</tr>
</tbody>
</table>