

Western Urology

Spring
2019



From the Chair: Dr. Hassan Razvi

Dear friends and colleagues,

On behalf of the Division of Urology I hope you will enjoy this year's newsletter highlighting our program's many accomplishments over the past year. It has been a very busy year with the residency program's transition to competency-based learning, preparation for this year's Royal College accreditation and the recruitment of new faculty. Research productivity based on grant acquisition and publications has reached an all-time high for the program, once again demonstrating the Urology Division's strong commitment to academic excellence in education and research that continues to garner national and international attention.

We hope you will also enjoy reading about the activities of our current and former residents and fellows. We thank them all for their hard-work and commitment to the program. As you will see from the pages ahead, they also know how to have fun!

In closing, I would like to pass along my gratitude to the faculty, to Kimberly Nitz our division's highly-organized administrative assistant, and my indispensable secretary, Sue Green, for their incredible support during my 14 year tenure as Chair of the Division. I thoroughly enjoyed my time in the role and continuing the wonderful legacy of my predecessors Jack Wyatt and Joe Chin. It has been a great joy to see our program grow and evolve into its current state. We have built a program with faculty possessing strong clinical and academic credentials that is highly respected in the urological community. I feel very fortunate to have been able to lead this esteemed group.

I am delighted to be handing over the reins to the ever-capable Dr. Alp Sener, who will officially take over as Chair July 1. I am certain with Dr. Sener's energy and vision, the Division will ascend to greater heights. Please join me in congratulating Dr. Sener on his new role!



New Faculty Appointments



The Division of Urology is very pleased to welcome two new faculty members: Dr. Jennifer Bjazevic and Dr. Jeffrey Campbell, who will officially be joining the Urology program in July.

Dr. Jennifer Bjazevic completed medical school at the University of Calgary, Urology residency in Winnipeg and then 2 years of Endourology fellowship at Western. Concurrent with her fellowship she also completed the Master's in Surgery program. Her master's thesis focused on the role of urinary pathogens and antibiotics on calcium stone formation using the drosophila fly model. Her research was supported by an AUA Urology Care Foundation Research Scholar award and she was chosen as one of the two outstanding graduate scholars for 2019. Dr. Bjazevic will be completing a second Master's degree in Medical Education. Her clinical focus will be in Endourology and Minimally-invasive Surgery based at St. Joseph's Hospital.

Dr. Jeffery Campbell undertook medical school training at Dalhousie University, followed by Urology residency at Western. He then went on to do a one year research fellowship in Men's Health and Reconstructive Urology in the Department of Urology at Johns Hopkins in Baltimore, Maryland, and then returning to London for a second clinical fellowship year. Dr. Campbell is also enrolled in the Masters in Public Health Program at Johns Hopkins. Dr. Campbell was the successful recipient of a CUA Canadian Men's Sexual Health Council research award to study the potential use of Botox to mitigate cavernous nerve injury in a rat model. Dr. Campbell's clinic focus will be on Andrology and Reconstructive Urology and his practice will also be at St. Joseph's Hospital.



Happy Retirement !



Twenty nine years is a long time but I must say it seems to have flown by in no time! I started on the faculty at Western and St. Josephs Hospital in 1990 having returned from fellowship training in St. Louis. Since the day my practice opened until March 30 of this year Wilma Rosehart served as the medical secretary in my office. Wilma was a hard working, dedicated and supremely organized medical secretary who fulfilled numerous roles over the course of my career. This not only included as the main coordinator for all aspects of patient care but as administrative support for the residency training program, research projects, postgraduate courses and the endourology fellowship program. As I held down many varying roles myself over the years, which often included substantial out of country travel, Wilma "held down the fort" and her commitment to patient care needs was unwavering throughout. I had often thought that medical secretaries play a central and unheralded role in our academic hospitals and Wilma Rosehart was as fine an example of this as anyone. It is a time of transition in my office and our SJHC Urology Clinic and I will miss Wilma's steady hand on the many aspects of my urology practice and in organizing my busy life. I wish Wilma all the best as she moves into retirement. *John Denstedt*



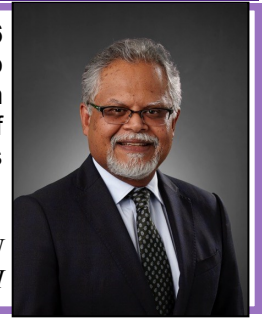
Sue Green, Dr. Razvi's secretary for 24 years, recently announced her plan to retire in the summer of 2019. Sue has worked at St. Joseph's Hospital in many capacities over her 32 year career including Pharmacy, OR bookings and as a medical secretary in the cardiology and obstetrics and gynecology programs. Her knowledge of the hospital, dedication to her work, efficiency and pleasant demeanor with patients will be sorely missed. Dr. Razvi remains at a loss to know how he will function without her!!

We all wish you a very well-deserved retirement Sue! Congratulations!!

ALUMNI UPDATE

Greetings from Dayton, Ohio! After practicing in Canada for the past 26 years Gwen and I, along with our two Border Collies, have moved to "Murica"! I have joined Kettering Health Network and now I am an "employed" Urologist with Kettering Physician Network. Things are of course very different here and challenges are new and unique! My plan is to try and learn Robotic Surgery while also practicing general Urology. All are welcome to visit! My contact info: 4200-3737 Southern Blvd, Kettering, OH, 45429. Phone: 937 294 1489.

*Rajiva R. Singh, BSc (Adv), MD, FRCSC, FACS, DABU
Urologist, Kettering Physician Network, Dayton, OH*



Dr. Eric Shepherd Travel Award for Transplantation Research



The Western Urology residency program and the LHSC Kidney and Pancreas transplant fellowship programs extend their gratitude to Dr. Eric Shepherd for his generous donation which has led to the creation of an annual research travel award for transplant trainees. The primary goal of this research travel award is to inspire young surgeons to pursue research in the field of transplantation and to provide them with the opportunity to present their findings at national and international meetings.

Dr. Shepherd graduated with Honors from medical school at Western University in 1963 followed by a residency in Urology at Western. He then travelled to Montreal and to London, England for fellowship training prior to returning to Western in 1972. During his 35 years of service in the Division of Urology, Dr. Shepherd became a leader in pediatric urology in Southwest Ontario and a pioneer in Canadian transplantation until his retirement in 2007.

This year's inaugural recipient of the 2019 Dr. Eric Shepherd Travel Award for Transplantation Research is Dr. Max Levine, a first year transplant fellow from the University of Alberta. He will receive the award for his project entitled "*Prospective Assessment of the Need for Mannitol during Renal Transplantation*" to be presented at the upcoming AUA/USTRS meeting in Chicago. Congratulations Max!

New Frontiers in Research Fund - Exploration Stream

Dr. Peter Wang was awarded a New Frontiers in Research Fund (NFRF) - Exploration Stream grant (an early career research award) for his project "*Investigating the relationship between psychological and physiological factors on surgical trainability: a surgical simulation study!*" In a job interview one might be asked, "why are you the best person for the job?" This is notably important with surgeons given that the safety of others is at stake. To better answer this, our project examines how psychological and physiological factors extensively described in the literature relate to a person's ability to learn surgical skills or their 'surgical trainability'. Our study brings together an interdisciplinary team of psychologists (Dr. Saklofske and Dr. Martin), an educator (Dr. Chahine), a computer scientist (Dr. Li) and surgeons to explore, for the first time, the relationship between psychological and physiological factors on surgical trainability. An understanding of these relationships may be used to enhance selection and improve learning. Should these results hold promise, they may be extrapolated to any discipline.



Throwback Thursday



Spreading the wealth - of knowledge

The field of urology is continually evolving. New techniques, new research and new equipment are advancing care of the urinary-tract system and male reproductive organs.



Canada is among the leaders in the changing landscape of clinical care but for other countries, simply remaining current is a challenge. A lack of funding, old equipment or buildings, and inadequate training in a very skill-driven and diverse area of care are among the barriers for developing countries. Some countries only have the knowledge to perform older or invasive surgical methods, which makes recovery time longer and can lead to complications. Teaching physicians who otherwise would not have access to current and non-invasive training can help them to care for their patients more effectively.

This past summer, Dr. Denstedt was host to Emmanuel Muhawenimana, a junior urologist consultant from Rwanda. One of only eight urologists in his country serving a population of about 12 million people, Emmanuel came to St. Joseph's to be mentored by Dr. Denstedt. Emmanuel, along with a senior urologist consultant, cares for half of the Rwandan population who seek specialized urological care. Limited clinical time, high demand for services and lack of education on the latest surgical techniques add to the pressure in his country. They currently do not perform laparoscopic procedures due to the limited number of trained providers.



With the Urology Masters training program in Rwanda in its infancy having only launched five years ago, Emmanuel felt the need for more exposure to minimally invasive training techniques. As an up-and-coming urologist, he was ranked first in his application for the Endourology Society International Traveling Scholarship and was chosen to travel to Canada and train at both St. Joseph's Hospital in London and Bluewater Health in Sarnia.

His first time in Canada, Emmanuel arrived in the summer and spent three days each week in surgical theaters observing such procedures as percutaneous nephrolithotomy (PCNL), a minimally-invasive process to remove kidney stones through a small "key hole" incision. PCNLs were on his education wish list.



Surprised by how "flat and green" London was, Emmanuel viewed many surgeries and procedures during his six-week stay. Reflecting upon the experience, the young physician said he was pleased with the new skills and "tricks" he gained, and felt he had a "good package" to go home with and share with his colleagues. "Seeing how things are done in Canada definitely opened my mind."

Recent visitors from Japan glowed about their experience at St. Joseph's, one even calling it the "best experience in my life." thanks to the "friendly, kind and impressive staff."

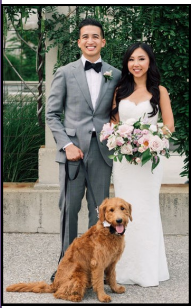
In addition to physicians and teams coming to London, Dr. Denstedt travels around the globe, bringing his knowledge to them. This year he visited China, Tokyo and Kazakhstan, speaking at conferences and teaching in operating rooms. "We are very fortunate in Canada to have the decent facilities and equipment and top-notch training. Other countries sometimes need a little nudge in the right direction, which can help considerably with outcomes for their patients." say Dr. Denstedt.

Excerpt from the SJHC Imprint, January 2019

Uro-Oncology Fall Review

Save the date!

The Western-McMaster University Fall Review in Urologic Oncology is scheduled to take place on September 20-22, 2019 at Kingbridge Conference Centre & Institute in Vaughn, Ontario. We are particularly proud of the local and international urologists, pathologists and oncologists that make up the faculty of our annual event. We have confirmed Dr. Badrinath Konety from the University of Minnesota, Dr. Jeff Karnes of the Mayo Clinic and Dr. Fadi Brimo from McGill University as some of our guest speakers this year. Look for the save-the date notices coming soon. If you wish to register early, please contact Carol Gerster at 519.685.8451 or email: carol.gerster@lhsc.on.ca.



Ernest Chan and Cheryl Liu (Riley too) were married in Kitchener on August 18, 2018

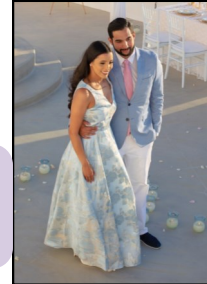
Lindsey and Jeff welcomed baby Emily Elizabeth Law July 11, 2018



What's New With the Residents?



Harmenjit Brar and Sharn Bhinder have announced their engagement! The wedding will take place in May 2020



I wanted to take this opportunity to thank Western Urology for everything that the consultants, residents and administrative staff have taught me over the past two years. I appreciate all the time and effort you have spent teaching me, in busy clinics and in the OR. I am also grateful for the understanding that all have shown with my decision to transfer to Dalhousie. Eri and I are excited to start our lives together, and I am happy to say that we plan on getting married in the Spring of 2020. Thank you again, and I look forward to working with everyone in the future as Urology colleagues. Keep in touch!

Heather

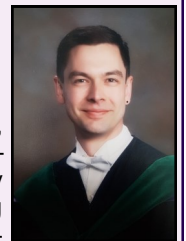
Good Luck Heather!

2019 Newbies !

Jeremy Cepek

Hometown: The humble and tiny town of Wyoming, Ontario.

Undergrad: I am a Western Lifer, first studying Mechanical Engineering in both Bachelors and Masters programs, followed by a PhD in Biomedical Engineering. It was during this PhD, where I worked on the development of image-guided focal therapy for prostate cancer, that my passion for Urology was initially sparked. I now feel extremely lucky to be a part of such an excellent program here in Western Urology. I intend to pursue an academic career, applying my prior skills and passions for innovation to the field through the development of devices and techniques for overcoming some of the many technical challenges that face urologists.



Jordyn Clark:

Hometown: Saskatoon SK

Undergrad: B.Comm at University of Saskatchewan

MD: University of Saskatchewan

Hobbies: Traveling, running, reading, disc golf

I am very happy to have matched to Western's Urology program and look forward to joining your exceptional team. I had always hoped my residency would provide an education that includes broad exposure to all aspects of Urology and a chance to participate in cutting edge research. Given the reputation of Western's Urology program, I am confident I will receive an exceptional education and have many research opportunities. Looking forward to seeing you all in July.



Adam Forster

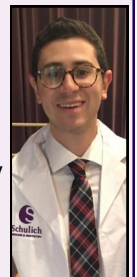
Hometown: Montreal/Toronto

Undergrad: Queens

MD: Schulich, Western University

Hobbies: Guitar, The Beatles, The Montreal Canadiens, Running, Politics, Travel, Wine

It is an absolute pleasure to be joining the Urology team. I had the distinct privilege of working with department extensively during my tenure as a medical student, and I can't wait to continue learning from each of you. Outside of Urology, I am



Bonnie Liu

Hometown: Calgary, AB

Undergrad: McGill University in Physiology; Master of Public Administration at Queen's University; Medical school at University of Saskatchewan

Hobbies include volleyball, curling, skiing, scuba diving, running, enjoying good food with family and friends

I am so excited to be joining the urology team at Western, and to be starting the next chapter of my life in London. I know from experience that Ontario is a great place to live, and not so "On-terrible" as many of those out west like to call it. Staff and residents have already been so welcoming, and I am looking forward to the fun times ahead. My future plans include passing my licensing examinations, finding a place to live in London, visiting Harry Potter world with my sisters, and diving with some whale sharks in the Philippines.

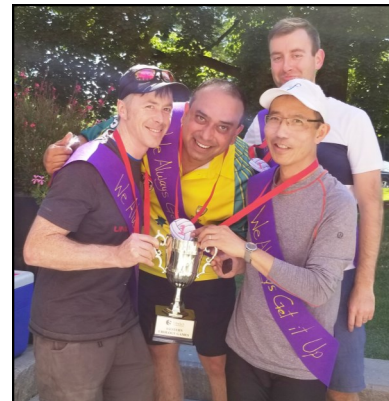




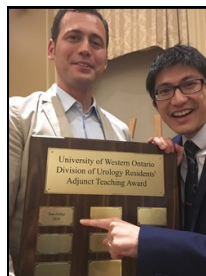
Urology Olympics July 2018



Summer Party - Consultants beat the residents taking home the trophy a second year in a row!!



Residents Day 2018



From the Program Directors



Another year has passed and three more of our exceptional trainees are nearing the end of their residency journey and are excitedly waiting to commence a new chapter in their professional lives on July 1. Drs. Wen Xie, Justin Kwong and Nahid Punjani have all done an amazing job throughout their five years in our program and have been great role models and confidantes for more junior residents. All three are looking forward to the next two years of fellowship across a broad spectrum of urological subspecialties in the United States and Canada. Wen will soon be moving to Baltimore, Maryland to pursue a fellowship in multi-organ transplantation at the University of Maryland Medical Center; Justin will be perfecting his robotics and endourology skills at St. Michael's Hospital in Toronto; and Nahid will be pursuing a fellowship in male reproductive medicine and surgery at Weill Cornell/Memorial Sloan Kettering Hospitals in New York. We wish them all the best in these new adventures and know that they will continue to make us proud as they move forward with their careers! We look forward to hearing all about their successes in the years to come.

We are also extremely delighted to welcome our three new PGY1 residents to the Western Urology family in July 2020. Adam Forster will continue in London after completing medical school at Western University, whereas we welcome Jordyn Clark and Bonnie Liu, both from the University of Saskatchewan. In addition, we are very pleased to have had Dr. Jeremy Cepek, also from Western, transfer into a PGY1 position in our program earlier this year. We are all looking forward to working with this fantastic group in the years ahead!

As always, this has been another productive year for our residents! Nahid Punjani: i) Second Best Presentation, JK Wyatt Urology Residents Research Day; ii) Awarded Department of Surgery Research Grant; iii) SSMR/SMSNA Travelling Fellowship in 2018. Wen Yan Xie: i) Most Valuable Resident Award 2018; ii) Recipient of the annual Urology Travel Grant. Roderick Clark: i) Nominee for 2018 PARO Resident Teaching Award; ii) CUA-AUA International Fellows Program Award. Jeffrey Law: Recipient of the annual Urology Travel Grant. Ernest Chan: i) Co-Chair, Resident Advisory Committee CBME; ii) Best Resident Project, Pediatric Surgery Research Day; iii) Recipient of the annual Urology Travel Grant. Leandra Stringer: i) Best Presentation, JK Wyatt Urology Residents Research Day; ii) Best Overall Project, Pediatric Surgery Research Day.

This has been a very busy year during the transition (both feet in!!) to Competency Based Medical Education (CBME), but both faculty and residents should be congratulated for the exceptional dedication and participation in these new requirements. Different from the rest of the Urology programs across Canada, Western Urology is unique in that we have transitioned all PGY levels into CBME! This innovative approach is not only considered exemplary from the Royal College point of view, but the knowledge we gain has continued to help guide the direction of the Urology Specialty Committee. Although it has been an arduous process for all, we believe that the learning environment has been elevated to a new level. As we approach a full Royal College accreditation in November, all of these factors will highlight the fantastic training environment we have in London. As always, Kim Nitz, our Program Administrator has been invaluable throughout this process and has helped keep the ship's direction constant. We thank her for all of her hard work and dedication to our residency program. It has been an absolute pleasure to work closely with all of the residents this year and to always strive to improve our already fantastic program. We look forward to another year of success for our dedicated, caring and talented group of residents.

Alp Sener and Sumit Dave

Throwback Thursday



Goodbye and Best Wishes!

Where did the time go? What an incredible journey the past five years have been, including personal, academic and professional growth. I am most thankful to all those who truly mentored me, provided me guidance, wrote endless letters of support or even just allowed me to confide in them. I am thankful to the program for their support for me to complete my Master's during residency, and for the world-class experts and wisdom that I've been exposed to. Thanks to my resident family (program administrator included!) for your support, and especially to my co-chiefs, who will not only be lifelong friends but who were instrumental to my success. Most importantly a huge thank you to my wife, who is not only my biggest supporter and advocate, but the real reason for my success. We are excited to move to the heart of NYC for fellowship, and will never forget the experiences and memories in London!

Nahid Punjani



Residency has truly been an incredible journey. I will be forever grateful for my urology mentors who have had a profound impact on my personal and professional growth. My experience in London has helped me define not only the type of urologist I want to be, but also the type of person I want to be for my patients. I have developed in ways, not only academically but also personally that I never would have imagined. From busy call nights to exciting OR cases, I have had so many fond memories that will stay with me for the rest of my life. I would like to extend a special thank you to all the consultants for preparing me for life as a urologist, and I would also like to thank all my resident colleagues for their hard work and dedication. In July, I am pursuing a fellowship in Endourology, Laparoscopy and Robotic Surgery at St. Michael's Hospital in Toronto and I look forward to keeping in touch with everyone at Western.

Justin Kwong

It's surreal to think that my time in this residency is coming to an end! It feels as if I have just started as a young and bright-eyed PGY1 yesterday, yet also as if I have been a part of this residency my whole life. The past five years have been filled with amazing experiences and opportunities and I will take many unforgettable memories away with me. I am grateful to all of our faculty members, my teachers, who have given me the skills and confidence to become a surgeon. Furthermore, I want to thank every fellow, nurse and administrator who have helped me along the way through this crazy journey – your advice has helped me navigate through the many challenges of residency. To my fellow residents, I will cherish our friendships for life and I look forward to being able to work with you all as colleagues in the future. The next part of my journey will be in Baltimore, Maryland where I will be completing a fellowship in Abdominal Organ Transplant at the University of Maryland. The most daunting part of this is not the long work hours or the unfamiliar organs (how do I take out a liver?!) but rather not having the advice and support from Nahid and Justin. They have kept me grounded and driven throughout the last five years and I could not have asked for any better co-residents. Even though we may no longer be in the same city (or even the same country!), I know we will continue to encourage each other to achieve our goals. This is not goodbye, but see you later! Well, perhaps if we are at the same place, you may hear me first before you see me.

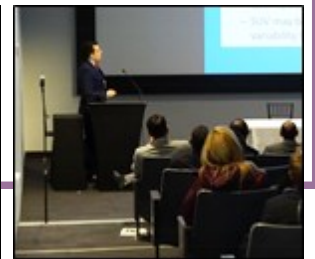
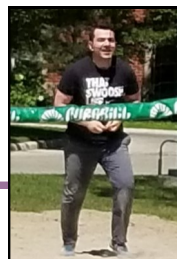
Wen Yan Xie



Follow the Fellows

I have a lot to say about my great experience at Western! In short: I am a better researcher and surgeon because of this fellowship. I am very thankful to my mentors Drs. Chin, Izawa, Power and Pautler who took me under their wings during my time in London. They generously shared with me their long experiences, superb knowledge and impressive surgical skills to teach me the craft of urologic oncology. I am grateful to their patience, dedication and excellence in teaching for my development in this field. I was lucky as well to work with a great team of research coordinators and administrative staff who were very supportive at all times. Whether at the clinic or at the OR, the nursing staff was the finest I have ever worked with, and will definitely miss working with them. I had also the chance to know a group of high-quality students, residents and co-fellows whom I really enjoyed working with and learned a lot from. I feel very grateful and indebted for having this opportunity to train at Western. I truly believe that this fellowship was the tipping point in my career. I was recently offered a consultant job at the Klinikum Bremen Mitte. I already got a few promises from the team here to visit me in Germany! I hope you all consider Bremen as one of your coming vacation destinations. I will be more than happy to be your host and show you around at any time. Until then, I sincerely wish you all, all of the best.

Khalil Hetou



Division Productivity 2018 (Jan-Dec)

Honors and Awards

Dr. Jeremy Burton

- ◆ The Microbiome: Another Dimension in the Pathophysiology of Urogenital Disease. Platinum Priority

Dr. Sumit Dave

- ◆ UWO Division of Urology Residents Teaching Award

Dr. Jonathan Izawa

- ◆ Department of Surgery Clerkship Faculty Teaching Award

Dr. Stephen Pautler

- ◆ HUMEC (Hippocratic Council Undergraduate Medical Education) Award of Excellence
- ◆ Best Poster Presentation, Canadian Urological Association
- ◆ Nominee, President's Award for Physician Leadership, London Health Sciences Centre

Dr. Nicholas Power

- ◆ Schulich Award of Excellence, Junior Faculty

Dr. Hassan Razvi

- ◆ Second Prize Basic Science Category Essay Contest (Dr. Abdulaziz Al-Athel), World Congress of Endourology
- ◆ Appointed to Editorial Board, Journal of Endourology

Dr. Gregor Reid

- ◆ RGE Murray Award for Career Achievement, Canadian Society of Microbiologists

Dr. Alp Sener

- ◆ Department of Surgery Academic Merit Award (Education)

Dr. Blayne Welk

- ◆ Northeastern Section Nominee for the Golden Cystoscope Award, American Urological Association
- ◆ Top Reviewer, Canadian Urological Association Journal
- ◆ Department of Surgery Academic Merit Award - Research
- ◆ Second Best Presentation, JK Wyatt Urology Residents Research Day

Grants

Academic Medical Organization of Southwestern Ontario (AMOSO):

- *First in human clinical trial of sodium thiosulfate in renal transplantation.* PI: **Sener A.** \$150,000
- *Liquid biopsies for improved prostate cancer risk stratification and patient monitoring.* PI: **Pautler SE.** Co-I: **Razvi H** \$246,920

American Urological Association (AUA) – Urology Care Foundation (2018 Research Scholar Award):

- *Defining the relationship between urinary infection and urolithiasis.* PI: **Bjazevic J.** Co-I: **Razvi H, Burton J** \$40,000

Canadian Health Institutes Research Fall 2018 Project Grant Competition:

- *Therapeutic potential of bloodless oxygenated perfusion of donor kidneys for prolonged storage and protection for transplant.* PI: Luke P. \$520,200

Canadian National Transplant Research Program (CNTRP) and Astellas Pharma Canada:

- *The effect of a mitochondria targeting H2S donor molecules in euthemic (21 degree Celsius) organ preservation using existing organ preservation solutions.* PI: **Sener A.** \$30,000

Canadian Urological Association Scholarship Fund:

- *Portable endoscopic simulator: Impact on urological education.* PI: **Wang P** \$40,000

Craig H Neilsen Foundation Psychosocial Research Grant:

- *How do people living with a spinal cord injury select a bladder management method?.* PI: **Welk B** \$255,000

Department of Surgery Research Fund:

- *Sodium thiosulfate in organ preservation.* PI: **Sener A.** \$20,000
- *The impact of opioid prescriptions after low-acuity urology surgery on long-term opioid use.* PI: **Welk B** \$7,500
- *A retrospective population-based cohort study to compare outcomes and health care costs between pediatric patients with spina bifida transitioning to adult care in Ontario 1986-1996.* PI: **Dave S,** Co-I: **Welk B** \$9,968.
- *POCUS curriculum project – Education Node.* PI: **Razvi H,** Col: **Dave S, Wang PZT** \$7,290
- *Augmented reality and assessment project.* PI: **Wang PZT,** Col: **Dave S** \$14,989
- *Multimedia cadaver-based simulation project.* PI: **Wang PZT,** Col: **Dave S** \$10,000

The W. Garfield Weston Foundation:

- Weston Family Microbiome Initiative's 2018 Proof-of-Principle program, *Use of novel human milk prebiotics to improve the quality of life for neurogenic bladder patients.* PI: **Burton J,** Co-I: **Welk B** \$149,075

Hecht Foundation, BC:

- *Combining Fecal Microbial Transplant (FMT) and anti-PD-1 immunotherapy for the treatment of melanoma patients.* Co-Investigator: **Burton J,** with Lenehan J, Malecki S. \$100,000

Kidney Foundation of Canada (KFOC):

- *Evaluating the protective role of a novel mitochondria-targeted hydrogen sulphide donor molecule.* PI: **Sener A.** \$100,000

Lawson Annual Strategic Research Fund:

- *Extending routinely collected data research at Western: Does enhanced medical reconciliation improve care at London Hospitals?* PI: **Welk B.** \$49,899

Lawson Research Internal Fund:

- *Development of novel Shoulder-Joint Implant Mimetics (S-JIMs) to study periprosthetic joint infections with C. acnes.* Co-Investigator: **Burton J** with O'Gorman D, Faber K. \$15,000
- *Augmented Reality and Competence Assessment for Open Surgery.* PI: **Wang PZT**, Col: **Dave S** \$14,351

London Regional Cancer Program - Catalyst Grants for Translational Research:

- *Development of Diagnostic and Prognostic Epigenomic Tools in Prostate Cancer.* PI: **Izawa JI** \$25,000
- *Aldosterone-mediated GPER/MR signaling in prostate cancer: can therapeutic reduction of aldosterone and its effects reduce metastasis and progression to treatment resistance?* Co-PI: **Power N** \$25,000

Medical Oncology Research Fund (MORF):

- *Combination of Fecal Microbial Transplant (FMT) and immunotherapy in melanoma patients.* PI: **Burton J.** \$24,000

Mitacs Accelerate in partnership with Interface Biologics:

- *Biomaterials for the reduction of bacterial adhesion and biofilm formation.* PI: **Burton J.** \$45,000

Multi-Organ Transplant Program (MOTS):

- *The effect of STS on human organ transplantation.* PI: **Sener A.** \$25,000
- *Repositioning drugs using ex vivo perfusion of kidneys.* PI: **Luke P.** \$162,500

National Sciences and Engineering Research Council (NSERC):

- *Assessment of immune function in triploid Chinook salmon.* Co-Investigator: **Reid J.** with Dixon B, Heath D, Semeniuk C, Craig P. \$585,000 (\$46,000 to G.Reid)

Ontario Centres of Excellence and National Sciences and Engineering Research Council (NSERC):

- *Microbiological food safety in fermented foods.* PI: **Reid G.** \$50,000

Physician Services Incorporated (PSI):

- *Evaluating the protective role of a novel mitochondria-targeted hydrogen sulphide donor molecule (AP39).* PI: **Sener A.** \$162,500

St. Joseph's Health Care Foundation:

- *The risk factors associated with urolithiasis: can they be identified by metabolic profiles?* PI: **Razvi H.** \$80,000
- *Patterns of surgical treatment of benign prostatic hypertrophy in Ontario.* St. Joseph's Hospital Foundation. PI: **Welk B** \$23,550

UWO Internal Surgery Research Fund:

- *Augmented Reality and Competence Assessment for Open Surgery.* PI: **Wang PZT** \$9,989
- *Can Peer-Reviewed Multimedia Publications Improve Knowledge Mobilization for Surgeons? A Uro-Oncological Perspective from a Cadaver-Based Simulation.* Co-PI: **Wang PZT**, Co-PI: **Power N.** \$10,000

Western Strategic Support for CIHR Success Accelerator Grant:

- *Development of novel tissue mimetic models of urethral strictures.* PI: O'Gorman D, Co-I: **Welk B** \$33,000

Publications

Ali K, Bisanz J, Gloor G, **Reid G**, **Burton JP**. Evaluation of sampling and storage procedures on preserving the community structure of stool microbiota: a simple at-home toilet-paper collection method. *Journal of Microbiological Methods* 2018;Jan;144:117-121

Ali SN, Dayarathna TK, Ali AN, Osumah T, Ahmed M, Cooper TT, **Power NE**, Zhang D, Kim D, Kim R, St Amant A, Hou J, Taily T, Yang J, Luyt L, Spagnuolo PA, **Burton JP**, **Razvi H**, Leong HS. *Drosophila melanogaster* as a function-based high-throughput screening model for antinephrolithiasis agents in kidney stone patients. *Dis Model Mech.* 2018 Nov 16;11(11). pii: dmm035873. doi: 10.1242/dmm.035873. PubMed PMID: 30082495; PubMed Central PMCID: PMC6262805

Alezezi H, **Denstedt JD**. Endoscopic Management of Ureteral Strictures. In: JA Smith Jr, SS Howards, GM Preminger, RR Dmochowski, editor(s). *Hinman's Atlas of Urologic Surgery*. Fourth Edition. Philadelphia (United States): Elsevier; 2018. p.175-77

Alexander RT, McArthur E, Jandoc R, **Welk B**, Garg AX, Quinn RR. Thiazide Diuretic Dose and Risk of Kidney Stones in Older Adults: A Retrospective Cohort Study. *Canadian Journal of Kidney Health and Disease*, 2018 Jul; 2054358118787480

Ali SN, Dayarathna T, Ali AN, Osumah T, Ahmed M, Cooper T, **Power NE**, Zhan D, Kim D, Kim R, St. Amant A, Hou J, Taily T, Yang J, Luyt L, Spagnuolo P, **Burton J**, **Razvi H**, Leong N. *Drosophila Melanogaster* as a Function-based High-throughput Screening Model for Anti-Nephrolithiasis Agents in Kidney Stone Patients. *Disease Models & Mechanisms*, 2018 Aug; 11 (11), DOI: 10.1242/dmm.035873

- Bella AJ, Lee JC, Grober ED, Carrier S, Benard F, **Brock GB**. 2018 Canadian Urological Association guideline for Peyronie's Disease and congenital penile curve. *CUAJ*, 2018 May; 12 (5): E197-E209, DOI: 10.5489/cuaj.5255
- Beveridge TS, Fournier DE, Groh AMR, Johnson M, **Power NE**, Allman BL. The anatomy of the infrarenal lumbar splanchnic nerves in human cadavers: implications for retroperitoneal nerve-sparing surgery. *J Anat* 2018 Jan;232(1):124-133. doi: 10.1111/joa.12721. Epub 2017 Nov 21. PubMed PMID: 29159805
- Bhatt M, Nahari A, **Wang PW**, Kearsley E, et al. The quality of clinical practice guidelines for management of pediatric type 2 diabetes mellitus: a systematic review using the AGREE II instrument. *Syst Rev* 2018 Nov 15; 7 (1): 193, DOI: 10.1186/s13643-018-0843-1
- Bhattacharjee RN, Mohamed M, Haig A, Aboalsamh G, Barrett P, Mayer R, Alhasan I, Pineda K, Jiang L, Alharbi B, Saha M, Patterson E, Jevnikar AM, Cepinskas G, **Sener A**, **Luke PP**. CORM401 reduces ischemia reperfusion injury in an ex vivo renal porcine model of the donation after cardiac death. *Transplantation* 2018 Mar; 102 (7): 1066-1074
- Bjazevic J**, Nott L, **Violette P**, Tally T, Dion M, **Denstedt JD**, **Razvi H**. The Evolution of Percutaneous Nephrolithotomy: Analysis of a Single Institution Experience Over 25 Years. *CUAJ* 2018 Dec; Epub ahead of print, DOI: <http://dx.doi.org/10.5489/cuaj.5725>
- Bjazevic J**, **Razvi H**. Stones in Pregnancy and Pediatrics. *Asian J Urology* 2018 Apr; 5 (4): 223-234 DOI: [org/10.1016/j.ajur.2018.05.006](http://dx.doi.org/10.1016/j.ajur.2018.05.006)
- Bogiatzi C, Gloor GB, Allen-Vercoe E, **Reid G**, **Pignanelli M**, et al. Metabolic products of the intestinal microbiome and extremes of atherosclerosis. *Atherosclerosis* 2018;Apr 17;273:91-97
- Brock GB**. The modern doctor. *CUAJ*, 2018 Jun; 12 (6): 153, DOI: 10.5489/cuaj.5433
- Brock GB**. Credible medical information: Is the internet a patient's best friend. *CUAJ*, 2018 Apr; 12 (4): 83, DOI: 30.5489/cuaj.5290
- Brock GB**. The future of urology in Canada. *CUAJ*, 2018 Feb; 12 (2): 12
- Brock GB**. Editorial comment. *J Urol*, 2018 Feb; 199 (2): 471-472
- Broeke NC, Peterson J, Lee J, **Martin PA**, Farag A, Gomez JA, Moussa M, Gaed M, **Chin J**, **Pautler SE**, et al. Characterization of Clinical Human Prostate Cancer Lesions Using 3.0-T Sodium MRI Registered to Gleason-Graded Whole-Mount Histopathology. *J Magnetic resonance*, 2018 Nov; ePub ahead of print, DOI: 10.1002/jmri.26336
- Cattral M, Luke S, Knauer MJ, Muirhead N, **Luke PP**. Randomized open label cross over assessment of prograf vs advagraf on immunosuppressant pharmacokinetics and pharmacodynamics in simultaneous pancreas kidney transplant patients. *Clin Transplant* 2018 Feb; 32 (2) DOI: 10.1111/ctr.13180
- Chan E, **Sener A**, McAlister VC, **Luke PP**. Orthotopic renal transplantation for the obstructed inferior vena cava. *CUAJ* 2018 Oct DOI: 10:5489
- Chan G, **Pautler SE**. Use of cumulative summation (CUSUM) as a tool for early feedback and monitoring in robot assisted radical prostatectomy outcomes and performance. *CUAJ* 2018 Jul; ePub ahead of print, DOI: <http://dx.doi.org/10.5489/cuaj.5350>
- Chanyi RM, Talib R, Everette J.Y. Leung EJY, Wilcox HB, **Brock GB**, **Burton JP**. Inflatable penile prostheses implantation; does antibiotic exposure matter? *J Sex Med* Sep 2018;6(3):248-254. doi: 10.1016/j.esxm.2018.05.004
- Chung E, Wang R, Ralph D, Levine L, **Brock G**. A Worldwide Survey on Peyronie's Disease Surgical Practice Patterns Among Surgeons. *J Sex Med* 2018 Mar; 15 (4): 568-575, DOI: 10.1016/j.jsxm.2018.01.025
- Clark R**, **Welk B**. The ability of prior urinary cultures results to predict future culture results in neurogenic bladder patients. *Neurourol and Urodynamics*, 2018 Nov; 37 (8): 2645-2650
- Clark R**, **Welk B**. The use of polyacrylamide hydrogel in the setting of failed female stress incontinence surgery. *CUAJ* 2018 Apr; 12 (4): 95-97
- Clark R**, Wong K, Fan S, **Chin J**, **Izawa J**, **Power P**. Does the Use of Angiotensin-Converting Enzyme Inhibitors or Angiotensin II Receptor Blockers Improve Survival in Bladder Cancer? *Eur Med J* 2018 May; 6 (1): 90-97
- Collin S, McMillan A, Seney S, Sumarah MW, **Reid G**. Evaluation of lactitol, lactulose, raffinose, and oligofructose for maintenance of a *Lactobacillus*-dominated vaginal microbiota establishes a promising prebiotic candidate. *Appl Environ Microbiol* 2018;84(5):pii: e02200-17
- Correa RJM, Ahmad B, Warner A, Johnson C, MacKenzie MJ, **Pautler SE**, et al. A Prospective Phase I Dose-Escalation Trial of Stereotactic Ablative Radiotherapy (SABR) as an Alternative to Cytoreductive Nephrectomy for Inoperable Patients with Metastatic Renal Cell Carcinoma. *Rad Onc* 2018 May; 13 (1): 47
- Daisley B, Chmiel J, Monachese M, Bisanz J, **Burton JP**, **Reid G**. Immobilization of cadmium and lead by *Lactobacillus rhamnosus* GR-1 mitigates apical-to-basolateral heavy metal translocation in a Caco-2 model of the intestinal epithelium. *Gut Microbes* 2018 KGMI-20180019R1
- Daisley BA, Trinder M, McDowell TW, Collins SL, Sumarah MW, **Reid G**. Microbiota-mediated modulation of organophosphate insecticide toxicity through species-dependent lactobacilli interactions in a *Drosophila melanogaster* insect model. *Appl Environ Microbiol* 2018;84(9):pii: e02820-17
- Dave S**, Liu K, Garg AX, Shariff SZ. Secular trends in the incidence and timing of surgical intervention for congenital undescended testis and surgically treated hypospadias in Ontario, Canada between 1997 and 2007. *J Pediatr Urol* 2018 Dec; 14 (6): 552, DOI: 10.1016/j.jpuro.2018.07.003
- Dave S**, Liu K, **Clark R**, Garg AX, Shariff SZ. A retrospective population-based cohort study to evaluate the impact of an older sibling with undescended testis and hypospadias on the known maternal and fetal risk factors for undescended testis and hypospadias in Ontario, Canada, 1997-2007. *Journal of Pediatric Urology*, 2018 Oct; Epub ahead of print, DOI: 10.1016/j.jpuro.2018.09.021

- Dawidek MT, Chan E, Boyle SL, Sener A, Luke PP. Renal function assessment post laparoscopic partial nephrectomy: is 6 weeks long enough? *J Urol* 2018 Feb; 112: 98-102 DOI: 10.1016/j.urology.2017.10.004
- Dawidek M, Luke PP. Reply by authors: assessing time of full recovery following minimally invasive partial nephrectomy. *Urology* 2018 May; ePub ahead of print, DOI: 10.1016/j.urology.2018.05.003
- Dawidek MT, Luke PP. Reply by the Authors. *Urology* 2018 Aug 1; 118: 247 DOI: 10.1016/j.urology.2018.05.003
- Denstedt JD. Medical and surgical management of urolithiasis. *Asian J Urol* 2018;5:203-204
- Dewar M, Izawa J, Li F, Chanyi RM, Reid G, Burton JP. Future perspectives in bladder cancer: Microbiome in "Bladder Cancer" editor Ja Hyeon Ku, Elsevier (Invited book chapter, Elsevier Academic Press 2018 ISBN: 978-0-12-809939-1)
- Diabetes Canada Clinical Practice Guidelines Expert Committee, Bebb R, Millar A, Brock G. Sexual dysfunction and hypo-gonadism in men with diabetes. *Can J Diabetes* 2018 Apr; 42 (Suppl 1): S228-S233
- Djahangirian O, Young I, Dorgalli C, Bissailon C, Tran NA, Walia A, Abdelhalim A, Wang PZT, et al. Safe discharge parameters for patients with isolated antenatal hydronephrosis. 2018 May; ePub ahead of print DOI: 10.1016/j.jpuro.2018.04.016
- Dylkowski D, Dave S, McClure JA, Welk B, Winick-Ng J, Jones S. Repair of congenital esophageal atresia with tracheoesophageal fistula repair in Ontario over the last 20 years: volume and outcomes. *J Ped Surg* 2018 Jan; 53 (5): 925-928
- Fragiadakis GK, Smit S, Sonnenburg GED, van Treuren W, Reid G, et al. Links between environment, diet, and the hunter-gatherer microbiome. *Gut Microbes* 2018;Aug 17:1-12. doi: 10.1080/19490976.2018.1494103
- Gan AML, Plantinga P, Punjani N, Hussey A, Power N. Images - Well-differentiated papillary mesothelioma of the tunica vaginalis. *CUAJ* 2018 May 14. doi: 10.5489/cuaj.4940. [Epub ahead of print] PubMed PMID: 29787369; PubMed Central PMCID: PMC6143508
- Garg AX, Devereaux PJ, Hill A, Sood M, Aggarwal B, Dubois L, Hiremath S, Guzman R, Iyer V, James M, McArthur E, Moist L, Ouellet G, Parikh CR, Schumann V, Sharan S, Thiessen-Philbrook H, Tobe S, Wald R, Walsh M, Weir M, Pannu N, Luke P, Curcumin AAA AKI Investigators. Oral curcumin in elective abdominal aortic aneurysm repair: a multicentre randomized controlled trial. *CMAJ* 2018 Oct 29; 190 (43): E1273-E1280 DOI: 10.1503/cmaj.180510
- Gloor GB, Wong Rg, Allen-Vercoe E, Dinculescu V, Pignanelli M, Bogiatzi C, Reid G, Spence JD. Data on the gut and saliva microbiota from a cohort of atherosclerosis patients determined by 16S rRNA gene sequencing. *Data in Brief* 2018;19: 481-48
- Ha SD, Solomon O, Akbari M, Sener A, Kim SO. Histone deacetylase 8 protects human proximal tubular epithelial cells from hypoxia-mimetic cobalt- and hypoxia/reoxygenation-induced mitochondrial fission and cytotoxicity. *Sci Rep* 2018 Jul 27; 8 (1): 11332, DOI: 10.1038/s41598-018-29463-x
- Harvie R, Macklaim J, Burton JP, Rahman A, Schultz M. Examining the day to day effect of varying FODMAP content on the microbiota: A case study of an IBS patient and a healthy control. *Can J Dietetic Practice & Research* 2018;79(3)
- Juriasingani S, Akbari M, Chan JY, Whiteman M, Sener A. H2S supplementation: A novel method for successful organ preservation at subnormothermic temperatures. *Nitric Oxide* [Epub ahead of print] 2018 Oct 25; 81: 57-66, DOI: 10.1016/j.niox.2018.10.004
- Kassouf W, Aprikian A, Saad F, Breau RH, Kulkarni G, Guttman DM, Bagshaw K, Izawa J, et al. Improving patient journey and quality of care: Summary from the 2nd Bladder Cancer Canada-Canadian Urological Association-Canadian Urologic Oncology Group (BCC-CUA-CUOG) bladder cancer quality of care consensus meeting. *CUAJ* 2018 Mar 19, DOI: 10.5489/cuaj.5246
- Kassouf W, Monteiro LL, Drachenberg DE, Fairey AS, Finelli A, Kapoor A, Lattouf JB, Leveridge MJ, Power NE, et al. Canadian Urological Association guideline for followup of patients after treatment of non-metastatic renal cell carcinoma. *CUAJ* 2018 Aug;12 (8):231-238. doi: 10.5489/cuaj.5462.
- Keays MA, McAlphine K, Welk B. All grown up: A transitional care perspective on the patient with posterior urethral valves. *CUAJ* 2018 Apr; 12 (4 Suppl 1): S10-S14
- Kessler TM, Traini LR, Welk B, Schneider MP, Thavaseelan J, Curt JA. Early neurological care of patients with spinal cord injury. *World J Urology* 2018 Oct; 36 (10): 1529-1536
- Khan O, Winqvist E, Ettler H, Power N. Late Relapse of Ovarian Germ Cell Tumour. *J Obstet Gynaecol Can* 2018 Oct;40(10):1329-1332. doi: 10.1016/j.jogc.2018.02.021. PubMed PMID: 30390946
- Koscik R, Reid G, Kim S, Li W, Challis J, Bocking A. Effect of *Lactobacillus rhamnosus* GR-1 supernatant on cytokine and chemokine output from human amnion cells treated with lipoteichoic acid and lipopolysaccharide. *Reprod Sci* 2018;25(2):239-245
- Kreydin E, Welk B, Chung D, Clemens Q, et al. Surveillance and management of urologic complications after spinal cord injury. *W J Urology* 2018 Oct; 36 (10): 1545-1553
- Leão R, Nayan M, Punjani N, Jewett MAS, Fadaak K, Garisto J, Lewin J, Atenafu EG, Sweet J, Anson-Cartwright L, Boström P, Chung P, Warde P, Bedard PL, Bagrodia A, Freifeld Y, Power N, Winqvist E, Hamilton RJ. A New Model to Predict Benign Histology in Residual Retroperitoneal Masses After Chemotherapy in Nonseminoma. *Eur Urol Focus* 2018 Dec;4(6):995-1001. doi: 10.1016/j.euf.2018.01.015. Epub 2018 Feb 7. PubMed PMID: 29428550
- Lin S, Lian D, Liu W, Haig A, Lobb I, Hijazi A, Razvi H, Burton JP, Whiteman M, Sener A. Daily therapy with a slow-releasing H₂S donor GYY4137 enables early functional recovery and ameliorates renal injury associated with urinary obstruction. *Nitric Oxide* 2018;76,16-28
- Lin S, Sener A. Daily therapy with a slow-releasing H₂S donor GYY4137 enables early functional recovery and ameliorates renal injury associated with urinary obstruction. *Nitric Oxide*, 2018 Jan; 1 (76): 16-28

- Locke JA, Hamidzadeh R, Kassouf W, Ricardo RR, Bell D, **Izawa J**, **Chin J**, et al. Surveillance guidelines based on recurrence patterns for upper tract urothelial carcinoma. *CUAJ* 2018 Apr 12, DOI: 10.5489/cuaj.5377
- Luke PP**, **Aquil S**, Alharbi B, Sharma H, **Sener A**. First Canadian experience with robotic laparoendoscopic single-site vs. standard laparoscopic living-donor nephrectomy: A prospective comparative study. *CUAJ* Epub ahead of print], 2018 Jun 8, DOI: 10.5489/cuaj.5275
- Maleki Vareki S, Chanyi RM, Abdur-Rashid K, Brennan L, **Burton JP**. Moving on from Metchnikoff: Thinking about microbiome therapeutics in cancer. *eCancer* 2018;https://doi.org/10.3332/ecancer.2018.867
- McMillan A, Renaud JB, Burgess KM, Allen SJ, Miller JD, **Reid G**, Sumarah MW. Aflatoxin exposure in Nigerian Children with severe acute malnutrition. *Food Chemical Toxicol* 2018;111:356-362
- McMillan A, Rulisa S, Gloor GB, Macklaim JM, Sumarah M, **Reid G**. Pilot randomised, blinded, placebo-controlled clinical trial of probiotics for pregnant women in Rwanda. *PLoS One* 2018;13(6):e0195081
- Mitrou N, **Aquil S**, Dion M, McAlister V, **Sener A**, **Luke PP**. Transplantation of pediatric renal allografts from donors less than 10 kg or younger than 8 months. *Am J Transplantation*, 2018 May; 18 (11): 2689-2694
- Morrow SA, Rosehart H, **Sener A**, **Welk B**. Anti-cholinergic medications for bladder dysfunction may worsen cognition in persons with Multiple Sclerosis. *Journal of Neurological Sciences*, 2018 Feb; 385: 39-44
- Navaratnam R, **Razvi H**, **Power N**. Case: Causation vs. Correlation: Naturopathic Medicine vs. Natural History of a Disease. *CUAJ* 2018 Nov; 12: E484-E485
- Nduti NN, **Reid G**, Sumarah G, Hekmat S, Mwaniki M, Njeru PN. *Weissella cibaria* NN20 isolated from fermented Kimere product in Kenya shows ability to sequester AFB1 in vitro and ability to ferment milk with good viscosity and pH in comparison to yogurt. *Food Sci Nutr Technol* 2018;3(1):1-8
- Olvera-Posada D, **Welk B**, McClure JA, Winick-Ng J, **Izawa J**, **Pautler SE**. A Population Based Cohort Study of the Impact of Infectious Complications after Prostate Biopsy on Radical Prostatectomy Surgical Outcomes. *Urology*, 2018 Nov; 121: 139-146
- Petrova MI, Macklaim J, Wuyts S, Verhoeven T, Vanderleyden J, Gloor GB, Lebeer S, **Reid G**. Comparative genomic and phenotypic analysis of the vaginal probiotic *Lactobacillus rhamnosus* GR-1. *Frontiers Microbiol* 2018;9:1278
- Pignanelli M**, Bogiatzi C, Gloor G, Allen-Vercoe E, **Reid G**, et al. 2018. Moderate renal impairment and plasma levels of gut-derived uremic toxins. *J. Renal Nutr.* Aug 9. pii: S1051-2276(18)30128-6
- Pignanelli M**, Just C, Bogiatzi C, Dinculescu V, Gloor G, Allen-Vercoe E, **Reid G**, et al. Mediterranean diet score: associations with metabolic products of the intestinal microbiome, carotid plaque burden and renal function. *Nutrients* 2018;10(6). pii: E779
- Povitz M, Rose L, Shariff SZ, Leonard S, **Welk B**, et al. Home mechanical ventilation in the province of Ontario, Canada: a 12-year population based retrospective cohort study. *Respiratory Care*, 2018 Apr; 63 (4): 380-387
- Punjani N**, **Clark R**, **Izawa J**, **Chin J**, **Pautler SE**, **Power N**. The impact of patient-, disease-, and treatment-related factors on survival in patients with adrenocortical carcinoma. *CUAJ* 2018 Apr;12(4):98-103. doi: 10.5489/cuaj.4650. Epub 2017 Dec 22
- Punjani N**, Lanting B, McClure AJ, Winick-Ng J, **Welk B**. The Impact of Common Urologic Complications on the Risk of a Prosthetic Joint Infection. *J Bone & Joint Surgery* 2018 Jan; 100 (17): 1517-1523
- Punjani N**, McGarry P, **Brock G**. Successful use of an inflatable penile prosthesis for the treatment of distal deficiency of the tunica albuginea and cavernous tissue. *Sex Med* 2018 Aug; Epub ahead of print, DOI: 10.1016/j.esxm.2018.06.004
- Punjani N**, **Stern N**, **Brock G**. Characterization of septal and punctate scarring in Peyronie's disease. *Urology* 2018 Aug; 118: 87-91, DOI: 10.1016/j.urology.2018.05.014.
- Qiu B, Al K, Pena Diaz AM, Athwal GS, Drosdowech D, Faber KJ, **Burton JP**, O'Gorman DB. Cutibacterium acnes and the shoulder microbiome. *J Shoulder and Elbow Surgery* 2018;JSES-D-18-00160R1
- Reid G**. Is bacterial vaginosis a disease? *Appl Microbiol Biotechnol* 2018;102(2):553-558
- Reid G**. Microbes in food to treat and prevent disease. *Exp Rev Precision Med Drug Develop* 2018;3(2):79-81
- Reid G**. Has knowledge of the microbiome altered approaches to health and disease? 2018;f1000 7:460
- Reid G**. What are bacteria doing in the bladder? *Nature Rev Urol* 2018 May 29;5(8):469-470
- Reid G**, Kort R, Alvarez S, Bourdet-Sicard R, Benoit V, et al. Expanding the reach of probiotics through social enterprises. *Benef Microbe* 2018; 9(5):707-715
- Spaliviero M, **Power NE**, Murray KS, et al. Intravenous Mannitol Versus Placebo During Partial Nephrectomy in Patients with Normal Kidney Function: A Double-blind, Clinically-integrated, Randomized Trial. *Eur Urol.* 2018 Jan;73(1):53-59. doi: 10.1016/j.eururo.2017.07.038
- Wang P**. Editorial Comment on: Percutaneous nephrolithotomy and spina bifida. *Journal of Endourology*, 2018 Mar; 32 (3): 213
- Wang PZT**, Abdelhalim A, Walia A, Wehbi E, **Dave S**, Khoury A. Avoiding routine postoperative voiding cystourethrogram: Predicting radiologic success for endoscopically treated vesicoureteral reflux. *Can Urol Assoc J* [Epub ahead of print], 2018 Nov, DOI: 10.5489/cuaj.5589
- Wang PZT**, **Chan E**, **Forster A**, De Dios JV, **Sener A**, **Dave S**, Chahine S. Perceptions on Competence by Design in urology. *Can Urol Assoc J* [Epub ahead of print], 2018 Nov, DOI: 10.5489/cuaj.5610

- Wang PZT**, Prasad C, Rodriguez Cuellar CI, Filler G. Nephrological and urological complications of homozygous c.974G>A (p.Arg325Gln) OSGEP mutations. *Pediatr Nephrol* [Epub ahead of print], 2018 Aug, DOI: 10.1007/s00467-018-4060-x
- Wang PZT**, Wehbi E, Alam Y, Khoury A. A reanalysis of the RIVUR trial using a risk classification system. *J Urol* 2018 Jun; 199 (6): 1608-1614
- Watson E M, **Reid G**. Metabolomics as a clinical testing method for the diagnosis of vaginal dysbiosis. *Am J Reproduct Immunol* 2018 May 14
- Welk B**. Featured Article (Urologic Survey): Cost-effectiveness of hydrophilic-coated intermittent catheters compared with uncoated catheters in Canada: A public payer perspective. *J Urol* 2018 Aug; 200 (2): 127
- Welk B**, Hickling D, McKibbin M, Radomski S, Ethans K. A pilot randomized-controlled trial of the urodynamic efficacy of mirabegron for patients with neurogenic lower urinary tract dysfunction. *Neurourology and Urodynamics* 2018 Nov; 37 (8): 2810-2817
- Welk B**, Isaranuwatthai W, Krassioukov A, Torp LH, Elterman D. Cost-Effectiveness of Hydrophilic-Coated Intermittent Catheters compared with Uncoated Catheters in Canada: a Public Payer Perspective. *J Medical Economics* 2018 Jan; 21 (7): 639-648
- Welk B**, Lenherr S, Elliott S, Stoffel J, Presson AP, Zhang C, Myers JB. The Neurogenic Bladder Symptom Score (NBSS): a secondary assessment of its validity, reliability among people with a spinal cord injury. *Spinal Cord* 2018 Mar; 56 (3): 259-264
- Welk B**, McArthur E, Ordon M, Dirk J, Dixon S, Garg AX. Risk of rhabdomyolysis from 5-alpha reductase inhibitors. *Pharmacoeconomics and Drug Safety*, 2018 Mar; 27 (3): 351-355
- Welk B**, McGarry P, Baverstock R, Carlson K, Hickling D. Do urodynamic findings other than outlet obstruction influence the decision to perform a transurethral resection of prostate? *Urology*, 2018 Jul; 117 (120-125)
- Welk B**, Richard L, Winick-Ng J, Shariff SZ, Clemens KK. The burden of repeat prescribing of medications after a related adverse drug event. *Healthcare Quarterly*, 2018 Jan; 21 (1): 36-39
- Welk B**, Schneider MP, Thavaseelan J, Traini LR, Curt A, Kessler TM. Early urological care of patients with spinal cord injury. *World Journal of Urology*, 2018 Oct; 36 (10): 1537-1544
- Welk B**, Wallis C, D'Souza D, McGee J, Nam R. A population-based assessment of urologic procedures and operations after surgery or pelvic radiation for cervical cancer. *Journal of Gynecological Cancer* 2018 Jan; 28 (5): 989-995
- Welk B**, Winick-Ng, McClure JA, Lorenzo A, Kulkarni G, Ordon M. The Impact of the Choosing Wisely Campaign in Urology. *Urology* 2018 Jun; 116: 81-86
- Westerik N, Kort R, Sybesma W, **Reid G**. *Lactobacillus rhamnosus* probiotic food as a tool for empowerment across the value chain in Africa. *Front Microbiol* 2018;9:1-6
- Westerik N, **Reid G**, Sybesma W, Kort R. 2018. The probiotic *Lactobacillus rhamnosus* for alleviation of *Helicobacter pylori*-associated gastric pathology in East Africa. *Front Microbiol*. 9:1873
- White J, **Reid G**. A suggestion for evolution of Canada's health regulatory system. *FACETS* 2018,3:45-60
- Whiteside S, **Dave S**, **Wang P**, **Reid G**, **Burton JP**. *Enterococcus faecalis* persistence in paediatric patients treated with nitrofurantoin prophylaxis for recurrent urinary tract infections. *Future Microbiol* 2018 <https://doi.org/10.2217/fmb-2018-0048>
- Williams HA, **Punjani N**, Khan O, **Power NE**. The oncological outcomes of small cell carcinoma of the bladder. *CUAJ* 2018 Dec 3. doi: 10.5489/cuaj.5579. [Epub ahead of print] PubMed PMID: 30526804
- Wing A, Kerfoot SM, Parham K, **Burton JP**, et al. Fecal microbial transplantation in multiple sclerosis: trial design. *Multiple Sclerosis J* 24 2018;327
- Wu Y, McArthur E, Dixon S, Dirk JS, **Welk B**. Association between intrapartum epidural use and maternal postpartum depression presenting for medical care: a population-based, matched cohort study. *Int J Obstetric Anesthesia* 2018 Jan; 35 (10-16)
- Yafi FA, Diao L, DeLay KJ, DeYoung L, Talib R, Alzweri L, **Brock G**, et al. Multi-institutional prospective analysis of intralesional injection of collagenase clostridium histolyticum, tunical plication and partial plaque excision and grafting for the management of Peyronie's disease. *Urology* 2018 Jul DOI: 10.1016/j.urology.2018.06.049
- Younes J A, Hummelen R, Lievens E, van der Westen R, **Reid G**, Petrova MI. Women and their microbes: the unexpected friendship. *Trends Microbiol* 2018;26(1):16-32
- Zhu N, Rowe N, **Martin PR**, Luke S, McGregor TB, Myslik F, McAlister VC, **Sener A**, **Luke PP**. Long term results of protocol kidney biopsy directing steroid withdrawal in simultaneous pancreas kidney transplant patients. *CUAJ* 2018 Feb; ePub ahead of print, DOI: 10.5489/cuaj.4702