Western Urology

2020



From the Chair: Dr. Alp Sener

Dear friends and colleagues,

It is needless to say that 2020 has been an unprecedented year. The events of this year have impacted all facets of our lives both professionally and personally. However, I hope that as you read this newsletter highlighting the achievements and successes of our residents, fellows and faculty, you will realize that our Division has done a remarkable job in forging ahead despite these challenges. I could not be more proud to be part of a group of people who have set aside decades of set schedules and resources to rapidly accommodate new rules and regulations, new OR schedules as well as virtual teaching sessions and clinics. We have demonstrated ourselves as an exceptionally strong team made up residents, fellows, faculty, administrative assistants, nurses and clinic staff—all working together altruistically to ensure that we delivery the most up-to-date and cutting edge urological care to our community. This type of dedication truly highlights our solid bonds and demonstrates why Western Urology is truly an exceptional place to work.

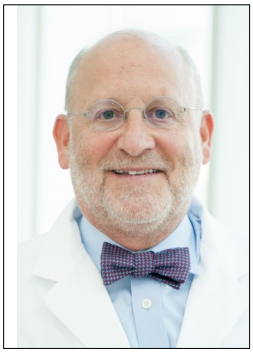
As always, this newsletter is filled with many examples of our program's accomplishments over the 2019-2020 academic year. We began this year with a loud "bang", after an exceptional review form the Royal College of Physicians and Surgeons of Canada, giving us an 8 year accreditation approval for our stellar competency-based residency program. Our newest recruits, Dr. Jennifer Bjazevic and Dr. Jeffrey Campbell have integrated extremely well into the Western Urology family and have already begun to expand their research and teaching profiles. It is with great enthusiasm that we look forward to recruiting Dr. Melissa Huynh following her fellowship at Harvard back to London as our newest Uro-Oncologist in October. Divisional research productivity has continued on an outstanding trajectory with our faculty being awarded numerous highly competitive provincial and national grants, and having published an outstanding 145 peer-reviewed original works--an all-time high for a 12-month period! This performance underlines our strong commitment to academic excellence in education and research that is recognized not only nationally but internationally.



We hope that you will enjoy reading about the activities of our current and former residents and fellows and browsing some of the photos that have made this past year so memorable. On behalf of the Division, I would like to thank all of our graduates for their hard-work and commitment to our patients and to our program. We wish them all a bright future in their fellowships and new careers and look forward to hearing about their accomplishments in years to come. Last, but not least, we could not have done all that we do without the organization, support and wondrous multi-tasking abilities of our Divisional Administrator, Kim Nitz, who truly has been indispensable over the past year; thank you Kim from all of us!

Schulich MEDICINE & DENTISTRY

Western



Faculty Focus

Dr. Gerald Brock was bestowed the Dean's Award of Excellence - Lifetime Achievement, Schulich School of Medicine **&** Dentristry, Western University. The Dean's awards are based on excellence and academic endeavor, with emphasis on exceptional performance in research, education, administration, innovation and/or public service.

Dr. John Denstedt, was honored this year with the Karl Storz Lifetime Achievement Award from the Endo-urological Society. This is an international honor awarded each year and recognizes a senior endourologist whose lifetime contributions have had a major impact on the field of Endourology.



Welcoming Dr. Melissa Huynh to our Faculty!



Dr. Huynh completed her medical degree and Urology residency here at Western University. She subsequently went on to Boston, MA for two years of training in the Harvard Combined Fellowship in Urologic Oncology at Massachusetts General Hospital and Brigham and Women's Hospital. She concurrently completed her Master in Public Health degree in Clinical Effectiveness at the Harvard T.H. Chan School of Public Health. Dr. Huynh's practice will be based at Victoria Hospital with a clinical focus on all genitourinary cancers, and her research interests include cancer survivorship and outcomes, as well as clinical trials.

Community Urology Sarnia, ON Dr. Dhiraj Dhanjani



October 2020 marks 2 years since Dr. Dhanjani joined Dr. Alvaro Ramirez and Dr. Paul Martin in Sarnia. Dr. Dhanjani did his medical school and residency at the University of Toronto and completed a 1 year fellowship in minimally invasive surgery. Dr. Dhanjani practices general urology as well as minimally invasive surgery. In his first year he jumped right in doing lots of major surgery including several laparoscopic pyeloplasties and he has performed Sarnia's first two Ultrasound-Guided PCNLs which both went great. He is an excellent addition to the region.

Introducing the new Dr. Gerald Brock Resident Travel Award



Dr. Gerald Brock completed his Urology residency at McGill University in 1991. He then went on to complete a prestigious fellowship at the University of California, San Francisco in Neuro-Urology. He joined the Division of Urology at Western University in 1998. Dr. Brock is a Past President of the Canadian Urology Association and Past Chair of the Canadian Male Sexual Health Council. He is a renowned global expert in Andrology authoring over 200 manuscripts and book chapters. He has been an invited speaker across the world including the USA, Europe, Africa, Asia and Australia. Alongside these academic achievements, Dr. Brock has continued to be a dedicated mentor and inspiring teacher. His enthusiasm, compassion, humor and pragmatic approach to teaching have been invaluable to the training of countless residents. Dr. Brock was Program Director for the Urology residency program at Western University from 2009 to 2014. In this position, he led our program towards a successful accreditation and implemented a number of initiatives including biannual Objective Structured Clinical Exams, the annual summer Olympics as a fun way to welcome the incoming residents to the team, and more recent the idea of cross-institutional OSCEs. It is with great pleasure that the Urology Residency Program of Western University announces the formation of the new Dr. Gerald Brock Resident Travel Award. This travel award, made possible through a generous donation from Dr. Brock, will support two residents per year presenting at international conferences or for short-term international electives. Please join us in extending our Program's sincere gratitude to Dr. Brock.!

Schulich MEDICINE & DENTISTRY

Western

New Faculty News

It has been an honour to join the faculty of the Division of Urology at Western University. I have truly enjoyed my first year and cannot believe how quickly it has passed by. My clinical practice, focusing on endourology, stone disease, and minimally invasive surgery for benign kidney disease has been very rewarding. I continue to focus on completing my Master of Health Professions Education which encourages me to explore new ways of approaching problems. In addition, I continue to develop my basic science research interests into the molecular mechanisms and pathophysiology of urinary stone disease. Most of all, I am incredibly fortunate to have the support and friendship of my gracious colleagues; who have inspired me to be better, assisted me through many challenges, and without whom none of this would be possible. I have had a tremendous first year of practice and look forward to many more to come. Thank you to everyone who has been a part of this amazing experience. *Dr. Jennifer Bjazevic*

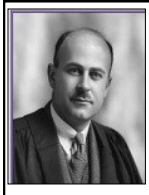






My first year of practice has been… interesting! Amidst covid, bad call karma, moving houses/renovations, and a growing family, it has been a roller coaster, but I am finally finding my groove. My clinical practice focuses primarily on men's health and reconstructive urology. I have really embraced the opportunity to do virtual visits with my patients, which has been a silver lining of this years challenges. I have taken the "down time" during covid to really ramp up some research studies and currently have 4 active clinical trials focusing on men's sexual health, opioid reduction strategies, and prostate cancer survivorship. I also recently received the CUASF-CMSHC grant for a study using mindfulness therapy for sexual dysfunction. I am completing my masters in public health and a synchronous clinical trials certificate program through The Johns Hopkins School of Public Health and expect to graduate in May 2021. I appreciate all the support I have received from my colleagues, the nursing staff, administrative support, and of course my family. I feel so fortunate that I have the privilege to work with my mentors on a daily basis and I continue to learn from them. It is very comforting to know that whenever I have a problem, help is just a call (or knock) away.
Looking forward to seeing what the future has in store!

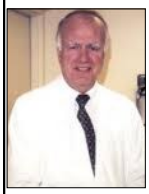
Highlight Excerpt from the 2019 Northeastern Section of the AUA



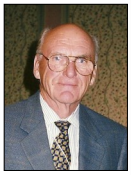
Dr. Eldon Busby was the first formally trained genitourinary surgeon to practice in London, Ontario. A graduate of Harvard University Medical School, Dr. Busby established the practice of urologic surgery in Southwest Ontario in 1930's and revolutionized the way bladder calculi and bladder outlet obstruction were dealt with for patients who normally endured open procedures by general surgeons. He performed the first TURP in Southwest Ontario in 1932 and was instrumental in identifying the need for non-electrolyte based solutions when performing trans-urethral resections.



Dr. Lloyd McAninch was the first Chief of Urology at Western University. A consummate surgical innovator, Dr. McAninch performed the first kidney transplant in Southwestern Ontario in 1965 and was instrumental in establishing the multi-organ transplant unit at London Health Sciences Center (the first in Canada) and introduced several advancements in the surgical treatment of advanced bladder cancer, including the cystectomy and ileal conduit procedure. Dr. McAninch established the urology training program at Western and was recognized for his contributions to the urology community by being elected to serve as President of both the CUA and NEAUA.

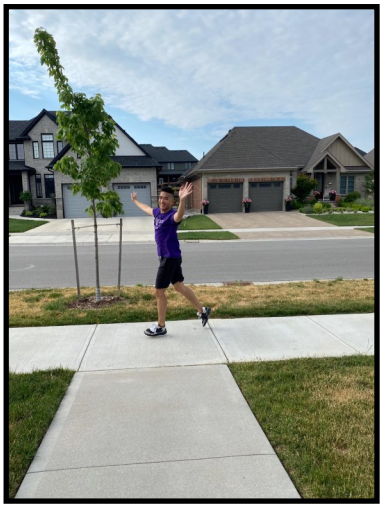


Dr. Jack Sales was a pioneering surgeon who was instrumental in establishing the extracorporeal shock wave lithotripsy program in London, Ontario. Dr. Sales served on several executive positions in both the Canadian and American urological associations and ultimately as President of both the Canadian Urological Association and the Northeastern Section of the American Urological Association. Dr. Sales led the creation and implementation of the NS-AUA Scholarship Foundation, which has helped pave the research careers of many distinguished urologists in Canada and USA. For these efforts, he was recognized by the Section with the highly coveted NS-AUA Distinguished Service Award in 2008.



Dr. Jack Wyatt served both as Chair of Urology and implemented the much needed formal didactic seminar and teaching sessions in his role as Residency Program Director at Western University. Dr. Wyatt made significant contributions to uro-oncology by instituting multi-modal therapy for advanced testicular cancer in the precisplatin era, by using high doses of methotrexate. Dr. Wyatt ultimately served as President of the CUA.





DASH 4 DAD

The annual Dash 4 Dad Father's Day Walk/Run for prostate cancer went virtual this year, due to the pandemic. Prostate cancer survivors, their family and friends, as well as supporters of the prostate cancer cause participated enthusiastically and donated generously. There was a 90-minute on-line live "Opening Ceremonies" program on Father's Day Sunday morning, which featured messages from prostate cancer survivors, organizing committee members and supporters, including one of the most prolific fund-raisers, a very spry 101 year-old lady! As part of the Trainees' Wellness program, our Residents and Fellows were out in full force with their individual runs on Father's Day. Some of the exciting action has been captured (photographs attached). This fund-raising event also featured an on-line auction, which included oil paintings by our own Dr. Pautler and Dr. Chin. A grand total of $70,000 was raised this year, adding to the $1.2 million which has been raised from the past 20 years through this event, with the proceeds going towards our prostate cancer research programs and education / awareness initiatives.
Thank You All!



"Lone Sail" and "Lake Huron Sunset" by Dr. Joseph Chin



"Winter Birch" by Dr. Stephen Pautler



The Annual Urologic Oncology Fall Review will be a virtual meeting via Zoom. Because of the pandemic, we are breaking our tradition of a weekend conference and will conduct the program on-line on two consecutive Tuesday evenings (September 22 and 29, 2020). Guest speakers include Dr. Siamak Daneshmand from University of Southern California, Dr. Christian Pavlovich from Johns Hopkins University, Dr. Masoom Haider and Dr. Andrew Loblaw, both from University of Toronto, and Dr. Aly-Khan Lalani from McMaster University. Urology Faculty members from Western and McMaster comprise the other speakers. There will be short presentations, with case discussions centered around the presented topics on all Urologic cancer sites. Special features this year will include a "Crisis Management" session (COVID-19 and BCG shortage), a debate between two radiation oncologists and an Urologic/Medical Trivia contest.
On-line registration for attendance is by invitation.



Uro-Oncology Fall Review



Covid19...
Unprecedented Times, Finding the Peace

The COVID-19 pandemic was a time of change and uncertainty, but even in challenging times it is possible to find something positive. For me, the positives included a chance to catch up on some work as well as re-visit interests that the hustle and bustle of daily life had previously sidelined. With our altered work schedules and everything shut down, I was able to start running again, read a couple of novels, and completed two online courses on the Health Effects of Climate Change and the Science of Wellbeing. Even though the past few months were difficult, there were some silver linings and for those I am grateful. *Jordyn Clark*



COVID19 gave me an opportunity to catch up on the reading of Campbell-Walsh and finish up some research projects that I hadn't had the time to work on. It also gave me more time to spend with my wife and dog. I was able to watch urology lectures from a variety of sources online that came about from the pandemic shutdown. I spent some time with the uromentor simulator. I did some additional fellowship and career planning. I missed operating, working with, and seeing the other residents. I missed the teaching from consultants and fellows. I miss being able to see my family. *Ernest Chan*

Covid was a difficult time as a surgical resident, but there were some positives. I was able to spend more time talking to family members and catching up with friends, and go for more frequent walks and bike rides. I had time to catch up on some reading, get started on a research project, and finish making my moccasins. I also bought a house and move into said house. I really missed being able to see friends and do activities with people in person, including seeing my co-residents weekly at teaching sessions, but at least there were virtual forums for that. *Bonnie Liu*

I have been grateful for the fact that I have been able to spend so much time with my wife and son over the past several months. *Roderick Clark*

Some positive experiences from COVID-19 were spending a lot more time with my fiancé and dog Winnie. I got a lot of reading and some research done as well. A definite perk was upping my wellness by getting back into jogging! I really missed seeing my co-residents and staff and having the ability to learn and ask questions in person... I also missed the obvious - being in the OR! *Leandra Stringer*

I spent my time during Covid19 primarily studying Campbells. Given that daycare was closed, I babysat my daughter Emily most days. I missed seeing the other residents and opportunities in the OR. *Jeff Law*

COVID has been a challenging time for all of us, but I have been fortunate to be able to spend this time with the people I care most about. My partner and I recently moved in together and have been doing HarvardX online courses on global health. We have also done a plethora of jogging and spending time with our dog. Looking forward to getting back into the swing of things!
Adam Forster

Working 1 week on 1 week off with a skeleton crew gave junior residents the opportunity to take on more of a senior role in patient management and procedures. It also allowed for dedicated research and reading time allowing me to complete my Master's and catch up on reading. I also became a sourdough baker for 14 days before I blew through all my flour and realized I don't need to be eating 4 loaves a week!
Noah Stern





From the Program Directors

Sumit Dave and Peter Wang



Adversity they say, makes us stronger. As the incoming Western Urology Program Director (PD), my initial plan was to prepare for a Royal College (RC) Accreditation process. There was no pandemic in sight and adapting and planning for it was not enlisted in the appointment letter! Unplanned adversity, should theoretically make us even stronger, as long as we do not wither. A heartfelt thank you to our Faculty and Residents for rising strongly to the challenge and ensuring that both the standard of patient care and training, which define our Urology program, was not compromised. We did not wither! That, as PD and a proud member of our Division, is our key achievement this year.

The Accreditation challenge was negotiated, relatively easily, thanks to the leadership of our previous PD (Dr Sener), the support of Dr Wang - our dynamic and innovative Assistant PD, and our highly invested faculty and residents. A special thank you to Kim Nitz for her tireless efforts in preparing for this process and her contribution to our success was rightly acknowledged by the reviewers. This was a more scrutinizing process, given CBME (Competency Based Medical Education) and changes to the RC accreditation process. As a Program, we celebrate our full accreditation, with a review in 8 years. There was high commendation of our curriculum, processes, and leaders in our program. This pat on the back, however, means persistence and more work. The second challenge, was more fluid and required adaptation and resilience, Dr Wang led this initiative. Every program is proud of their residents because obviously, we selected them. However, the spirit and participation shown by our residents, during this pandemic defines their integrity and commitment to their education, patient care and significantly to our Program. Thank you, my resident team, very grateful and proud!

This year we bid a subdued “Covid farewell” to Dr Harmen Brar and Dr Roderick Clark. Flying the nest is a celebration of their achievement. But it does leave a tinge of sadness and we wish and spur them on to greater achievements in Cleveland and Toronto. We will remember them as they write their RC exams next week. Simultaneously, to make our family complete again, we welcomed our three new “Brothers in Arms” (my favorite Dire Straits song)- Carolyn, Haider and Will.

Training future surgeons is challenging, and it did get a tad tougher with CBME but, ultimately, we all believe that the rewards outweigh the challenges. But look at how we have done: we are the only Program in the country which rolled all our residents into CBME, our first 2 cohorts are well on their way and on track, Dr Ernest Chan was the resident CBME lead for Schulich, and despite our concerns of workload, our faculty have completed more than 850 EPA’s in the last calendar year. Drs Sener and Campbell are our current top seeds in the EPA numbers game. We are, without bias, leaders in the CBME process for Urology nation-wide and here in Schulich. This is also a special year for us as a program as we welcome our ex-residents and fellows back home as colleagues - Drs Jennifer Bjazevic, Jeffrey Campbell and Melissa Huynh. They will enhance our program significantly as teachers and resident advocates.

The Competency Committee (CC), which forms the backbone of our evaluation process had some changes. This is the time to recognize the contribution of our two teacher-stalwarts who passed the baton on and ‘retired’ from the CC - Dr Pautler and Dr Luke. Their contribution, especially in the learning curve of the CBME process, is immense. We extend a warm welcome to Dr Bjazevic as an RTC member and Dr Razvi and Dr Campbell in our CC. The Program, it seems, keeps asking more and more of you all, but thank you for taking on these roles and responsibilities, so seamlessly and voluntarily.

This day, in the honorable memory of Dr John Wyatt, is a celebration of the endeavours of our residents and fellows, who took time out of their busy clinical work to complete research projects over this year. This reflects their commitment and acknowledges the support our Faculty provide as mentors to these presenters. I want to take this opportunity to especially thank our Research Faculty who provide wonderful opportunities and guidance to our residents. This led to two of our residents completing their Masters of Surgery successfully.



Lastly, a big thank you to our amazing Program team: the tireless and persistent Kim Nitz and Dr Peter Wang, who brings us a vital perspective as a surgical educator. Teamwork is almost always an understatement in what we do, as we feel it is a given. Our Program does put it into practice and you all as part of this team, strive to make changes to our Program, with an ultimate shared goal of making Western Urology better, going forward.

Schulich MEDICINE & DENTISTRY

Western

Updates from Alumni



*Announcing…*the birth of Lorelei Rose, born on Feb 7, 2020 (seen with big brother Grayson and big sister Annika). Dr. Jeffrey Campbell and his family are adjusting to a hectic life as a family of 5.

What's New With Our Residents?



Bonnie Liu and
Tyson Follack
Wedding: February 15, 2021
in Canmore, Alberta

Leandra Stringer
and Marco Muzzi
Wedding:
August 20,2022
in Port Sydney, Muskoka



Congratulations to all !!

Get to know the PGY1s:



Haider Abed

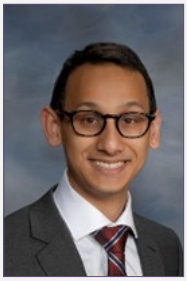
Hometown: Windsor, ON
Undergrad: McMaster University
MD: Western University
I'm looking forward to being mentored by exceptional surgeons and world class leaders in this field to become a urologist who embodies honour, resilience, and compassion for the community I serve.



Carolyn MacLeod:

Hometown: Stratford, PEI
Undergrad: BScN UPEI
Masters: MN, NP, Dalhousie University
Hobbies: spending time with my family, travel, cycling, golf, wine
I am thrilled to be joining the Western Urology team! My family and I are happy to be in London and are having fun exploring the city. Looking forward to working with and learning from an amazing group of staff and residents over the next five years!

William Luke:



Hometown: London
(Hometown boy is back!)
Undergrad: University of Toronto
MD: McMaster University
After venturing around the province for a number a years I feel absolutely blessed that the Western Urology program would take a traitor back into their midst! I look forward to exploring the deep and varied world this program has to offer. Getting to know all of the brilliant and caring people that make up this program will be a real treat that I am sure will make my time here all the more exciting/thought-provoking/ immersive/rewarding. As they always say – a Urologist in the hand is worth 2 in the bush!

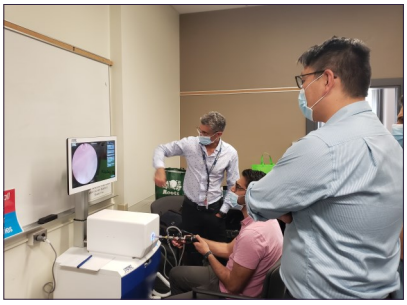
Urology Resident Roles

2019-2020:
Chief Residents: H.Brar, R.Clark
RTC Representative: R.Clark
Resident Wellness Representative: J.Law
CaRMs Representatives: S.Sami, L.Stringer
CBME Lead: E.Chan
PGME CBME Resident Advisory Committee: E. Chan
Bootcamp Reps: S.Sami, N.Stern

2020-2021:
Chief Residents: J.Law, S.Sami
RTC Representative: S.Sami
Resident Wellness Representative: M.Pignanelli
CaRMs Representatives: S.Stringer, N.Stern
CBME Lead: E.Chan
PGME CBME Resident Advisory Committee: A.Forster
Bootcamp Reps: N.Stern, J.Clark

Western-McMaster PGY1 Urology Bootcamp



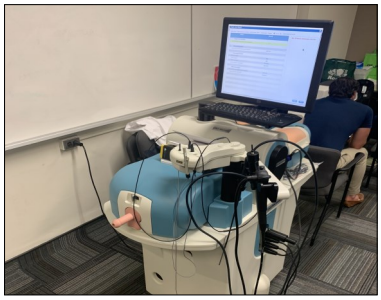












Goodbye and Best Wishes!



As I reflect on the last 5 years here at UWO, I am fortunate to have fond memories with so many amazing people. I am filled with a great deal of gratitude for the impact this program has had on me in all areas of my life.
Residency was undoubtedly an immensely challenging period, however, due to the influential mentorship I received I was able to adapt quickly to my surroundings. The skills I gained allowed me the opportunity to pursue fellowship in a center of excellence at Cleveland Clinic in the subspecialty of endourology. After spending 5 years calling London home, it is with bittersweet emotions I say goodbye, but I look forward to giving back to the communities that I work in. I know because of everything I have learned during my time here, that I am in a position to be a steward for our profession. Thank you to everyone who was an instrumental part of my journey.
Harmenjit Brar



Thank you to all the staff and supervisors who have provided teaching and mentorship during my residency. I specifically would like to thank Dr. Welk for serving as my mentor and to Kim for always being available to provide support and advice. I would like to also make a special acknowledgement to the third-year medical students from the Schulich School of Medicine and Dentistry. Being able to teach and learn with you has been one of the most rewarding experiences of my professional career. Finally, I would like to thank my wife Holly. These past 5 years have been a truly collaborative effort and I could not have done it without you. I look forward to completing an Oncology fellowship over the next 2 years at the University of Toronto. Thanks, ***Roderick Clark***





Follow the Fellows



We all loved the Canada experience, the snow days were much of a winter wonderland. The fellowship reinforced one of the more important lessons of being a urologist - there is much more to life than the Operating Room. This is the greatest asset to practicing without being burnt out. I really value the time it gave for me to do an evaluation of goals in life. The clinical experience was great, I received experience in doing rare complicated cases. I have now started working in New Zealand. At present, I am quite busy in practice (with 14 OR days in June!). I am still trying to finish some projects with the residents in London. Please come visit us in this part of the world. Farewell! Au revoir! ***Shiva Nair***



These last two years have been some of the most challenging and rewarding in my professional training. I can't understate the value of the training I have received here, and can't think of a better place to have trained in transplantation. As an unexpected bonus to training in transplant at Western, I have had the opportunity to benefit from the insight and expertise of the rest of the Urology staff in London, both directly and indirectly. I feel like although I didn't complete residency here, I will carry with me a Western flavor in my practice moving forward. After fellowship, I'll be starting as a consultant Urologist with a practice focused on Kidney Transplantation at the University of Alberta. There are too many people to formally thank, but I at least want to say thank you to all the residents and consultants I've had the pleasure of working with over the last two years, most especially Dr. Sener and Dr. Luke. You have all left a favourable impression on me that won't fade. ***Max Levine***



Division Productivity 2019 (Jan. -Dec.)

Honors and Awards

Dr. Jennifer Bjazevic:

- Outstanding Graduate Scholar Award, Awarded for research quality and future potential in urologic research, AUA Urology Care Foundation
- Best Fellow Presentation, JK Wyatt Urology Residents Research Day, Western University

Dr. Gerald Brock:

- Residents' Teaching Award, Division of Urology, Schulich School of Medicine & Dentistry, Western University

Dr. Jeremy Burton:

- Vanguard award. Intellectual Property, World Discoveries

Dr. Joseph Chin:

- Senior Advisor for Canadian Urological Association-European Urological Association Academic Exchange, Milan/Marseille/Valencia/Barcelona, Canadian Urological Association and European Urological Association
- Best Poster Award, European Association of Urology United States Department of Defense Prostate Cancer Research Program Award

Dr. John Denstedt:

- Lifetime Achievement Award – International Alliance for Urolithiasis
- Karl Storz Lifetime Achievement, A significant and lasting contribution to the field of Endourology, Endourological Society

Dr. Jonathan Izawa:

- Department of Surgery Clerkship Faculty Teaching Award, Schulich School of Medicine & Dentistry, Western University

Dr. Hassan Razvi:

- Third Prize Basic Science Category Essay Contest, Essay contest - supervisor of Dr. Jennifer Bjazevic: The effect of antibiotics and an Escherichia of coli bacterial urinary infection isolate in a calcium urolithiasis in a Drosphila melanogaster model, World Congress of Endourology
- Best Fellow Presentation, JK Wyatt Urology Research Day (Jennifer Bjazevic, Supervised Fellow), Schulich School of Medicine & Dentistry, Western University
- Outstanding Graduate Scholar Award, AUA Urology Care Foundation, Supervisor (Jennifer Bjazevic)
- Best Poster Presentation, Live imaging of a Drosphila melanogaster model of nephrolithiasis with probiotic supplementation using CO2 anesthesia and micro-CT, American Urological Association, Supervisor (Kait Al)

Dr. Alp Sener:

- Best Presentation, USTRS Annual Meeting, American Urological Association

Dr. Blayne Welk:

- Best Presentation (Endourology), Canadian Urology Association Meeting
- Academic Merit Award - Research, A Department of Surgery award in recognition of outstanding achievements in either research, education or service. Western University

Grants

Academic Medical Organization of Southwestern Ontario (AMOSO):

- Psychological and physiological factors on surgical trainability. PI: **Wang PZT** $65,000

Bridge to Life:

- UW Plus: a novel hydrogen sulphide based organ preservation solution. PI: **Sener A** $223,980

Canadian Institutes of Health Research (CIHR):

- Improving Care Before, During and After Sepsis (12/2019 – 11/2024). Co-Investigator: **Burton J**, Fox-Robichaud A $5,700,000
- Therapeutic potential of bloodless oxygenated perfusion of donor kidneys for prolonged storage and protection for transplant. PI: **Luke P** $520,200

Canadian Urological Association – Astellas:

- Botox instillation in harvested human bladder. PI: Dave S $50,000

Canadian Urological Association Scholarship Foundation (CUASF):

- Effect of a Bacterial Urinary Infection Isolate and Antibiotics on Calcium Urolithiasis. PI: **Bjazevic J** $40,000
- New delivery of botox for neurogenic bladder. PI: **Dave S**, CoInvestigator: **Wang PZT** $50,000

Canadian Urologic Oncology Group:

- Development of diagnostic and epigenetic tools in prostate cancer. PI: **Izawa JI** $10,000

Convergence Canada: New Frontiers in Research Fund:

- Psychological and physiological factors on surgical trainability: A surgical simulation study. PI(s): **Wang PZT**, **Dave S**, **Sener A** $247,103

Department of Surgery Internal Research Fund:

- The risk of dementia associated with anticholinergic medication utilization in overactive bladder patients. PI: **Campbell JD** $10,000
- Prospective evaluation of postoperative pain and opioid use after minor urologic surgery. PI: **Campbell JD** $10,000
- POCUS curriculum project (Teaching residents point of care ultrasound). PI: **Razvi H**, Co-Investigators: **Dave S**, **Wang PZT** $7,290
- Using DNA Methylation Profiling to Differentiate Good from Poor Prognosis Muscle Invasive Bladder Cancer Patients. PI: **Izawa JI** $10,000
- The effect of hydrogen sulphide cream on recovery from acute frostbite injury. Fund. PI: Sener A $10,000
- YouTube Video Surgical Preparation. PI: **Wang PZT** $4,000
- The risk of dementia associated with anticholinergic medication utilization in overactive bladder patients. PI: **Welk B** $7,500
- The Morbidity of Frequent Antibiotic Use for Urinary Tract Infections among Spinal Cord Injury Patients. PI: Liu B, Co-Investigator: **Welk B** $4,992

GlycoNet:

- Safety evaluation of B-arbutin in health human subjects. PI: **Razvi H**. $126,310

Kimberly Clark:

- ATP and bladder contractility. PI(s): **Burton JP**, **Reid G** $130,000
- Bifidobacteria from rectum and urogenital tract. PI: **Reid G** $80,000

London Community Trust:

- Use of fermented food to improve elderly health. Co-Investigator: **Burton J** $40,000

London Health Sciences Foundation:

- FMT for MS. Philanthropic donation from Mr. Dave Postowoj. Co-Investigator: Burton J, Silverman M, Kerfoot S $50,000

Natural Sciences and Engineering Research Council (NSERC):

- Detoxification functionality of lactic acid bacteria. PI: Reid G $30,000

Ontario Neurotrauma Foundation (ONF):

- The ability of a structured urologic surveillance program to minimize complications after spinal cord injury. PI: **Welk B** $145,950

The W. Garfield Weston Foundation

- Combination probiotic and prebiotic (synbiotic) therapy to improve outcomes of renal transplant. Weston Family Microbiome Initiative's 2019 Proof of Principle program, PI: Burton J $150,000

Western Innovation Fund:

- Passive thermal regulator for bio-organisms and vaccines transportation. PI(s): Siddiqui K, **Sener A** $100,000.

Weston Family Microbiome Initiative:

- Use of novel prebiotics to improve kidney transplant outcomes. PI: **Sener A** $150,000

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