

Western Urology News

Spring 2015

Dear friends and colleagues,

On behalf of the Division of Urology I hope you will enjoy this year's installment of our newsletter. The division had a number of milestones and achievements during the past year that we wish to acknowledge. Most notably, the retirement of Dr. Jack Sales, a mentor to many of our current faculty, was celebrated this past Fall.

We were also very proud to learn recently that three of our current residents Marie Dion, Siobhan Telfer and Golnaz Naderkhani were collectively chosen to receive the Sisters of St. Joseph's Award of Excellence. This is a noteworthy accomplishment, in that it is the first time physician trainees have ever even been nominated for this award.

We would also like to thank Dr. Gerald Brock for his years of service as Residency Program Director. Within the past year Dr. Alp Sener has taken over the reins, capably assisted by Dr. Sumit Dave as Assistant Program Director. As residency training transitions to a new model of competency based learning, our training program will undergo additional changes in an effort to further enhance the learning experiences of our residents.

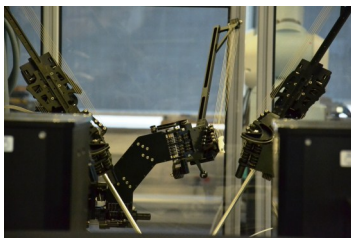
We invite you to learn more about these and other exciting developments in the pages ahead. Enjoy!

From the Chair...



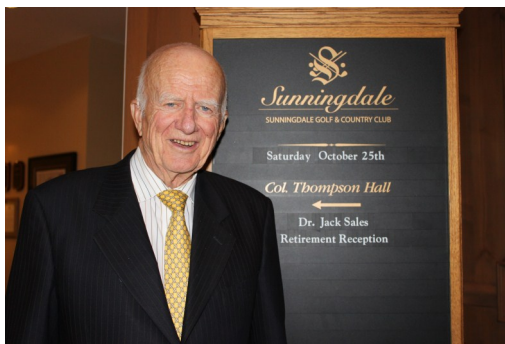
Dr. Hassan Razvi

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Retirement of Dr. Jack Sales



After a surgical career spanning 58 years, our friend and mentor, Dr. Jack Sales, retired in 2014. The Division of Urology was pleased to host a reception in his honor involving family, friends, former residents and colleagues to congratulate him and acknowledge his many achievements.



The impact on urology that Jack Sales has had in London and beyond, is truly remarkable. During an era of considerable change in the specialty of urology, Jack helped to bring a number of surgical procedures and technologies to our region that revolutionized patient care. Jack was one of the first urologists in Canada to perform percutaneous nephrolithotomy and was instrumental in securing a shock wave lithotripsy program in London.



Jack Sales was a masterful surgeon, and many thousands of patients benefited from his technical skills. During a time of minimal sub-specialization in our field, he treated children and adults, and patients with benign and malignant urological diseases with an attention to detail that was legendary. He was a consummate clinical teacher, and was involved in the training of over 50 urology residents during his career. Several former residents at his retirement reception relayed just a few of the many ways he had impacted their surgical training and future practices. A common theme heard was that many, when faced with difficult intraoperative decisions still ask themselves "What would Dr. Sales do in this situation?". Jack had high expectations of his residents but we all quickly realized his work ethic and intolerance of mediocrity were not only essential surgical skills but important life tools. His impact extended beyond our surgical training.

Jack's career was also distinguished by his service to our specialty, both nationally and internationally, through stalwart leadership in the Canadian and American Urological Associations. He served as President of the Northeastern Section of the AUA in 1988-89, and CUA President in 1999. In both organizations he was instrumental in the development of research scholarship funds that have helped kick-start the academic careers of many young urologist-researchers in Canada and the US. *The Division of Urology congratulates Jack on his many years of service to his patients and our specialty. We wish Helen and Jack a well-deserved and most enjoyable retirement!*

Sisters of St. Joseph's Award of Excellence

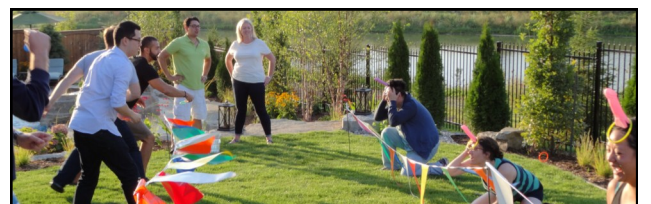
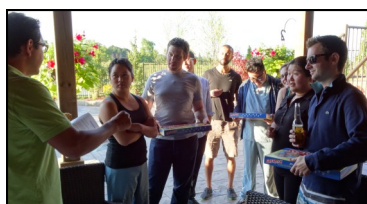
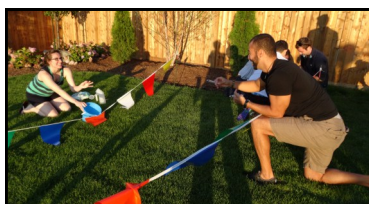
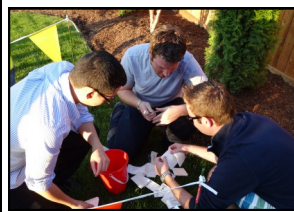
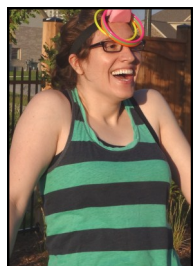
Urology residents **Dr. Marie Dion, Dr. Siobhan Telfer and Dr. Golnaz Naderkhani** were awarded a 2015 Sisters of St. Joseph's Award of Excellence! They have been recognized for embracing the values of St. Joseph's Health Care London and making a difference with a positive attitude, a sense of teamwork, and patient-centred focus. Established in 1990, the award honors staff, physicians and volunteers who share the remarkable attributes of the Sisters of St. Joseph's - excellence, positive attitude, reliability, honesty, efficiency, creativity, respect, caring, compassion, empathy and appreciation for the work of others. Individuals and teams are nominated by their colleagues, and the package in support of the nomination offered up numerous stories about the commitment and dedication of the trio. From providing one patient with a birthday card, and accompanying another on a transfer to London Health Sciences following a code blue, to counseling a young man who was dealing with testicular cancer, they have become known for going the extra mile. This is the first time in the 25-year history of the awards program that a resident has been a recipient. These three residents have distinguished themselves by their exemplary patient care and the Division of Urology is immensely proud of their achievement.



Fun times at the Urology Christmas Party!



2nd Annual Urology Olympics



Uro-Oncology Fall Review



The 2014 UWO Urologic Oncology Fall Review was held in Stratford, ON, for the first time and Dr. James Eastham from Memorial Sloan Kettering Cancer Center provided detailed updates on salvage prostatectomy and surgical management of locally advanced disease. Other guest speakers included Dr. Bobby Shayegan and Uro-radiologist Dr. Ants Toi, an authority in prostate biopsy and prostate imaging. We included a professional business session with the Urology OMA representative, Dr. Frank Papanikolaou. Our own faculty completed the scientific program, complemented by enthusiastic audience participation. The meeting was another resounding success, both academically and socially.



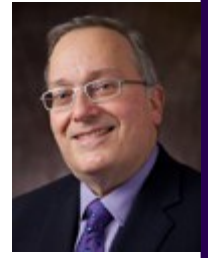
Dr. Joel Nelson

The 2015 Review will take place at yet another new venue, the Oakwood Inn in Grand Bend on September 25-27, 2015. Confirmed guest speakers thus far include Dr. Joel Nelson from Pittsburgh, Dr. Rodney Breau and Dr. Michael Leonard, both from Ottawa. There will be updates on prostate, bladder, renal and testis cancer management. Evidence-based medicine and medico-legal issues as they apply to Urologic Oncology will also be on the agenda. Our UWO faculty will once again provide some state-of-the-art reviews and conduct the ever-popular case presentations.

This promises to be another great event!



Dr. Rodney Breau



Dr. Michael Leonard

CUA/EAU Visiting Professor Exchange Program 2014

The Division of Urology at Western was delighted to host a delegation of European Urologists visiting academic centres in Canada as part of the Canadian Urological Association/European Association of Urology exchange program. Prof. Andrzej Borkowski from the Medical University of Warsaw, Prof. Frank Van der Aa from University Hospital Leuven (Belgium), Dr. David Pfister from the University Hospital in Aachen (Germany), and Dr. Georgios Gakis from Eberhard-Karls University in Tuebingen (Germany) spent three days in London. Our visitors had the opportunity to learn about urological training and research activities at Western through interactions with Division of Urology faculty and Schulich representatives. They also toured the hospitals to view clinical and laboratory facilities. Itinerary:

June 15-17 London, ON

June 22-25 Halifax, NS

June 18-20 Toronto, ON

June 26-30 CUA meeting in St. John's NFLD

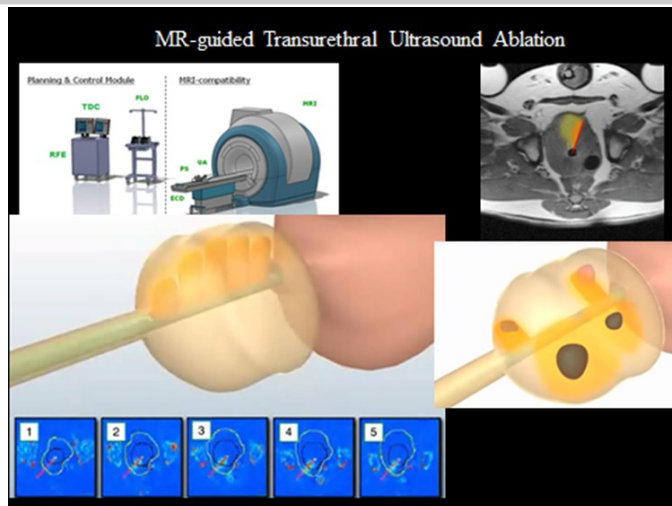


SPOTLIGHT ON OUR COMMUNITY UROLOGY ALUMNI



The past six months have been action packed for urology in Woodstock. Dr. Phil Violette has been busy setting up practice after the retirement of Dr. Voegelin a year earlier. In February, Dr. Violette and his wife Ramona also welcomed their fourth child, Eric, who joined Isabelle, Madeleine and Kevin in the Violette household. Eric was so keen he was born nearly 4 weeks early, and other than a few wrinkles is doing very well at home. Clinically, Dr. Violette's practice services a broad spectrum of urologic conditions and he has had the privilege of relying on the assistance of colleague and Western Alumni Dr. Paul Martin on a few occasions. Dr. Violette maintains a special interest in endourology and clinical epidemiology and has recently published a meta-analysis of decision aids for prostate cancer treatment choice in CA: A Cancer Journal for Clinicians. Also in February, Dr. Fadi Kamal bolstered the Urology team in Woodstock. Originally from Saudi Arabia, Dr. Kamal completed residency in Ottawa as well as fellowship training in Oncology, Minimally Invasive Urologic Surgery and Robotics. Together, Drs. Kamal and Violette enjoy working as a team to service the population in Woodstock, and the surrounding areas.

Four for Four



MRI-guided transurethral ultrasound ablation (TULSA) is a new and emerging minimally-invasive technology to treat prostate cancer, aiming to provide good local disease control with a low morbidity profile. This modality consists of a transurethral applicator emitting high-intensity planar ultrasound energy to generate a precise and conformal volume of thermal ablation using real-time MRI thermometry feedback control.

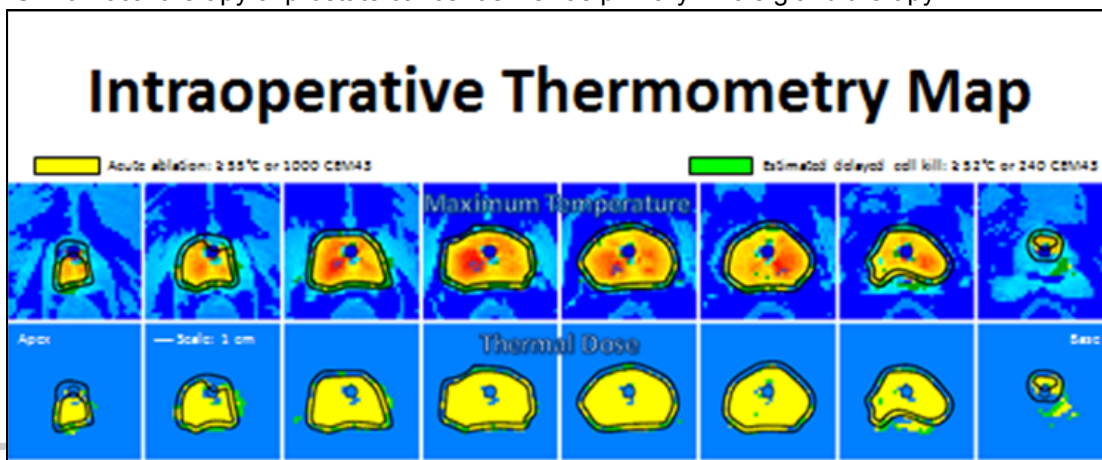
Our ongoing clinical research project is a joint venture between Urologic Oncology at Western, Robarts Research Institute and Profound Medical Inc. (Toronto). The clinical trial has drawn tremendous interest among the urology community world-wide. This study (with updated versions) has been presented at four major international urology conferences by Urologic Oncology Fellow Dr Michele Billia, and by Principal Investigator Dr. Joseph Chin. The

presentations have been awarded “best poster” and “best presentation” at all **four** meetings: **European Association of Urology 2014 Meeting in Stockholm, American Urological Association 2014 Meeting in Orlando, Societe Internationale d’Urologie 2014 Meeting in Glasgow and most recently, European Association of Urology 2015 Meeting in Madrid.**

A dedicated MR-compatible software precisely matches the movements of the probe with the thermometry measurements and the MR images, generating real time 3D heating patterns, allowing the surgeon to adjust the frequency and the intensity of ultrasounds accordingly.

This prospective multi-national phase I clinical trial (P.I. Dr. J. Chin) started on March 2013 at UWO, and was joined by a group in Heidelberg, Germany and a group in Michigan USA. This aim is to determine the safety and feasibility of MRI-guided TULSA. Thirty men with organ confined prostate cancer (cT1c-T2a,N0,M0; PSA≤10ng/ml; GS≤3+3 or 3+4) were enrolled. Treatment planning was performed under MRI prostate visualization, with therapeutic intent. Planar ultrasound treatment was delivered under closed-loop continuous MRI thermometry feedback control (Fig. 1). The entire treatment was being conducted in the M.R.I. Unit at Robarts Institute.

Primary endpoints were safety and feasibility, with follow-up to 12 months. Complete clinical monitoring is for 5 years, including serial PSA, TRUS biopsies and Quality of Life questionnaires. All procedures were completed successfully without intraoperative complications and patients were discharged on first post-operative day. The results of this trial suggest that MRI-guided TULSA is feasible and well tolerated with a low morbidity profile. In the near future, MRI-guided TULSA will be further investigated in a multicentric clinical trial lead by Western University, aiming to explore the role of TULSA for focal therapy of prostate cancer as well as primary whole gland therapy.

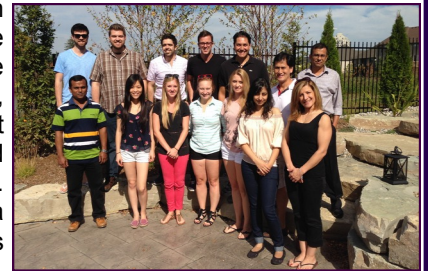


FOCUS ON OUR PROGRAMS: Transplantation



The University Hospital based urology transplant team has had a busy year in terms of clinical and research productivity. Earlier this year, Drs. Luke and Sener performed Canada's first robot assisted single incision living donor nephrectomy with excellent success. This procedure has since gained some traction and has led to an increase in our living donors coming forward with nearly a third of donor nephrectomies being performed in this fashion. This year also marks the year for the 500th living related transplant done at LHSC as well as the 2500th transplant done since the first renal

transplant was performed in 1972, all very numerically appropriate for 2015! The group's research programs have also flourished over the past year with several important grants including one for \$11.5M from CIHR as part of the Canadian National Transplant Research Program to evaluate the efficacy of normothermic organ preservation using novel molecules developed by the duo. Numerous other basic science and clinical research projects keep the fellows, graduate, undergraduate and medical students busy as they learn quite quickly that research can be unpredictable and at times frustrating, but it should always be doused with a healthy dose of fun! The research group continues to grow with the addition of Ms. Mounirah May as the University site Clinical Research Coordinator and Drs. Rabindra Bhattacharjee and Manujendra Saha coming on as indispensable Research Associates from the University of Toronto.



Dr. Hon Leong: The Uro-Oncology Translational Research Laboratory



As group leader of a translational cancer research laboratory, we are continually being challenged to focus on questions that will impact cancer patients as soon as possible. Partnerships with clinicians are essential in helping us determine what research questions are most important to cancer patients. The majority of translational cancer research laboratories are based in London's hospitals and are symbolic of the understanding that defeating cancer requires interdisciplinary teamwork. More and more, clinicians find themselves working alongside scientists at the bench to tackle these research questions, a partnership desperate to combat cancer. Indeed, the energy and expertise at work that I see in my colleagues throughout London is the main reason that compels me to continue my research career here in London.

As part of the resurgence of laboratory science at St. Joseph's (SJHC), we will be performing translational cancer research on genitourinary (GU) malignancies, such as prostate, kidney, bladder, and testicular cancer. To improve clinical outcomes for these patients, we have three major goals: to develop blood tests for improved early detection and follow-up of cancer, to develop tumor avatars from patients to personalize courses of drug therapy, and to discover drugs that oppose the metastatic cascade. Since moving to SJHC in September 2014, our efforts have bore fruit that have the potential to significantly improve care for prostate and kidney cancer patients. Specifically, novel blood tests that enumerate prostate cancer cell "fragments" are now in clinical validation studies that will aim to improve the way prostate cancer is screened in the general male population. With Dr. Nicholas Power, we have been successful in developing avian-based avatars that possess kidney cancer tumors from patients, for the purpose of avoiding the prescription of drugs that the tumor is resistant to, all within 6 weeks. These are significant research advances made possible by clinicians that are passionate about performing research, an ability that is perhaps dormant in many clinicians and underappreciated by most scientists. In my opinion, any research project in any translational cancer laboratory should have some clinician input, with my laboratory benefitting from surgeons and oncologists such as Dr. Jonathan Izawa, Dr. Nicholas Power, Dr. Joseph Chin, and Dr. Michael Lock.

Within the next three years, the Translational GU Cancer Research Laboratory hopes to determine the full logistics of determining resistance to several drugs for kidney cancer prior to treatment. Secondly, we anticipate that our blood tests will exhibit superiority over standard of care tests used for early detection of prostate cancer. During this same time, we hope that basic science projects focused on understanding and inhibiting metastasis will bear fruit in terms of novel drugs and therapies that prevent cancer cell entry into the circulation and extravasation from the bloodstream into tissue. Progress to this point was only made possible by establishing a new laboratory space that met our specialized needs and I am excited about the potential clinical impact of our research and commercial opportunities that lay ahead for my research team.

From the Program Directors



Another year has passed and three more of our fantastic residents are almost at the end of the road of their residency training and looking forward to moving onto greener pastures. Drs. Marie Dion, Kim Chi Tran and Peter Wang have all done an exceptional job throughout their five years in our program and have been great role models for more junior residents. Marie and Kim Chi are both staying on in London to complete Endourology and Oncology fellowships at our renowned St. Joseph's Hospital and Victoria Hospital programs, respectively. Peter will be moving to UCLA Irvine to complete a Pediatric Urology fellowship with Dr. Antoine Khoury. We wish them all the best in these new adventures!

In this time of goodbyes, we are also delighted to welcome our three new PGY1 residents to the Western Urology family. Alex Jiang will stay in London after completing his medical school at Western, whereas Roderick Clark will be joining us from Dalhousie University and Harmenjit Brar will join us from the University of Manitoba. We are all looking forward to working with them over the next five years.

The residency program has seen some changes over the past year with the introduction of the new faculty mentorship program, upcoming laparo-endoscopic simulation lab and the addition of increased core urology rotations during PGY1 and PGY2 years--all of which will have a positive impact on the educational component of our already strong program. These will be increasingly important as we head into the new, Competency By Design, evaluation paradigm set by the Royal College. One of the reasons for the restructuring of the PGY1/2 years has also been to accommodate the growing Masters of Surgery program at Western, which will now be available for our residents. This program will enable our residents to earn a Master's degree while they carry out either clinical or basic science research, without having to add additional time to the existing five year Urology residency program. We are very excited to be able provide this for our residents and believe that it will be an asset to their future careers. Dr. Nahid Punjani (PGY1) is our first Urology resident to take advantage of this new initiative as he completes his Master of Public Health in Clinical Epidemiology at Harvard University--we eagerly look forward to hearing about his success.

As always, Kim Nitz, our Program Administrator, has helped to keep the ship sailing in the right direction and we thank her for all 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

What's New With the Residents?

Kudos goes to Victor McPherson (PGY3) who was awarded a PSI Foundation resident research grant. He was one of 11 Ontario residents awarded funding for his project "A window of opportunity study to evaluate the role of the combination of metformin and simvastatin as a neoadjuvant therapy in invasive bladder cancer". The grant is meant to help fund a pilot single arm phase II clinical trial evaluating the combination of metformin and simvastatin as neoadjuvant therapy in patients with invasive bladder cancer prior to cystectomy.

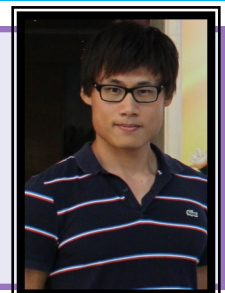
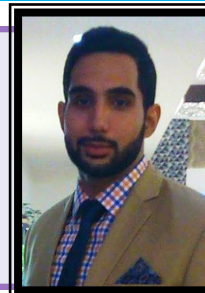
Nahid Punjani has been accepted at Harvard University in Boston, MA for the Masters of Public Health Clinical Epidemiology June 1, 2015. Nahid is one of 50 people accepted in the first cohort of the part-time online program.

Congratulations to Victor McPherson and Jennifer Mutrie on their upcoming wedding on August 22 in Cambridge, ON

And, to Nahid Punjani and his fiancé Farah Shamji who will be married on August 1, 2015 in Cambridge, ON

Welcome to the Incoming PGY1's...

The Division of Urology is happy to have three new residents joining us as of July 2015. Dr. Harmenjit Brar comes to us from the University of Manitoba, Dr. Roderick Clark from Dalhousie University and Dr. Alex Jiang from Western University. We look forward to them joining our team.



Goodbye and Best Wishes!

I have had a wonderful 5 years being a Western urology resident. It has been a tremendous challenge but also very rewarding. I have had lots of fun and learned a great deal. I am greatly looking forward to starting an Endourology fellowship in London next year. I would like to thank Kim-Chi and Peter for their love, support, and friendship over the last five years as well as the other residents in whom I have found dear friends. I could not have imagined a more wonderful group to work with in both those who have graduated ahead and those that will graduate after me. More than anything I would like to express my gratitude to all of the urology staff who have been unimaginably wonderful and inspiring mentors. I have been shown such patience and support, more than I could ever have hoped for. I have so many wonderful examples of tremendous devotion to patient care and resident teaching that I will take with me. Thank you so much!

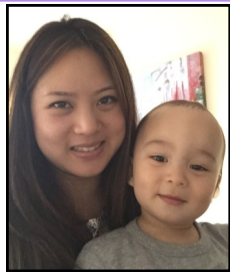


Marie Dion

These five years have flown by in the blink of an eye and I have seen so many good changes in my life. I have matured professionally through the guidance of the wonderful consultants and staff here. I have also matured personally with the birth of my children and the lifelong friendships I have made in this program. This adventure will be hard to forget. I would like to take this opportunity to thank everyone for such a swell time here. As I get ready for my pediatric urology fellowship in Orange County CA, I will always remember the cold, snow, dirty roads and most of all Tim Horton's.



Peter Wang

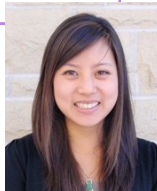


"How lucky I am to have something that makes saying goodbye so hard"

A. A. Milne

I still remember the feeling of trepidation my first day of residency, thinking that this would be a long five years ahead. A wise consultant told me that it would all be over within the blink of an eye, and he was right. I have been lucky to have been in a residency program where going to work every day means an opportunity to laugh, learn and be challenged. Thank you to the consultants for caring about each and every one of us; I am fortunate to have been mentored by the best. To the residents: I have learned from all of you and you are a joy to work with. Special thanks to my excellent co-residents Peter and Marie: it has been a wild ride! And of course, to my little family, Ryan and James, thank you for being my rock(s). Happily, I have another year before I have to say goodbye. In a few months I will be starting my Oncology fellowship here under the guidance of our Uro-Oncology consultants. I am very thankful for this opportunity and I very much look forward to this next step in my training.

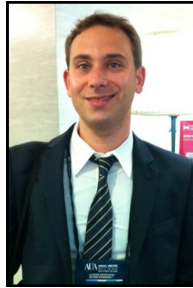
Much gratitude, *Kim-Chi Tran*



Follow the Fellows

Uro-Oncology:

When asked to write my "farewell letter" for the news-letter, I realized that it was making me feel quite sad. My fellowship has come to an end! I'm moving to the University of Eastern Piedmont (Novara, Italy) as a consultant for urologic oncology and minimally invasive surgery. I'm quite excited as the urologic oncology program has undergone expansion and a new Da Vinci Xi has been recently acquired. I loved my last two years in Canada. Living in London was a great experience which I'm going to remember forever. It is a lovely city which highly impressed me for its nature, parks and wildlife. By the way, there is a herd of deer (abusively) sleeping in Dr Chin's garden! You should ask him to show you the pictures, they're just amazing. Working at LHSC was overall an invaluable experience, both from a clinical and a scientific standpoint. Special thanks go to Dr. Chin, Dr. Izawa and Dr. Power who are amazing surgeons and great men, always ready to support the fellows and help at the top of their capacity. I'm definitely going to miss all of you guys, including the staff of the research team. Therefore..... questo non e' un addio, ma un arrivederci! Spero di rivedervi tutti molto presto, siete invitati a venire in Italia come miei ospiti in qualsiasi momento.



Michele Billia



It's crazy how time flies! Almost 2 years already in the city of London! Needless to say it has really been an incredible life experience for me to change hemisphere, country, culture, language, weather...I have discovered an environment totally new to me. I had never set foot in Canada before! It's a whole new subset of adventures and funny anecdotes I am sure I will be happy to tell my future kids. In addition to the life experience, I am, of course, very happy about the training I got in research as well as in the OR, and especially the case load and variety of cases. I think it will be very valuable for my patients that I am happy to see again soon in Reunion Island, and to achieve my academic goals in research and education. I thank you all very much for everything and especially Dr. Izawa, Dr. Chin, and Dr. Power for their precious efforts in making us fellows better uro-oncologists. For those of you who still don't know where Reunion Island is, I have attached a small geographic pic... If you fly in the area, I'll make sure a fresh Dodo (local beer) is waiting for you!

Clarisse Mazzola



Endourology:

In July 2013, I arrived with my wife Florence and daughter Suzanne in London, Ontario; a city I had never



heard of in a country I had never visited before, to move into a place we had only seen on the internet. That was the beginning of what has so far been an amazing experience, for which I have many people reading this to thank. My family and I have survived two brutal winters, during the first of which my second daughter, Rosalie, was born. Looking forward, we will be moving back to Belgium soon, where I will take a position as an endourologist in the University of Ghent, a beautiful town that you should definitely visit the next time you find yourself in Belgium. And if you do, drop me a line and I would be more than happy to show you around. We will always carry great memories of our two years here with us and look forward to seeing you all back again, here, in Belgium or anywhere else. **Thomas Taily**

Transplantation and Kidney Surgery:



I cannot express it enough, but it was really a pleasure to work and learn during my two year Kidney/Pancreas Transplant Fellowship here at the London Health Sciences Centre, University Hospital. All of the staff were so

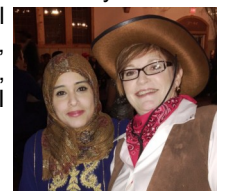
kind, cooperative and efficient. They made my experience enjoyable by providing a friendly, healthy, stress-free working environment. Special thanks to the most humble, skilled and caring supervisor Dr. Sener. Also special thanks to Dr. Luke who is always there to fix things before it's "too late" :). I also wish to thank Dr. McAlister and Dr. Quan for their efforts and patience with me. They all treated me very well and taught me a lot. For the urology residents, it was a pleasure working with you and I wish you all the best of luck - you guys are efficient, a great help and fun to work with. I really enjoyed being here and will miss everyone including the O.R staff, MOTS staff, clinic staff, and the residents and students who I worked with. I am sure you all won't forget me and probably will miss me, but I assure you we will meet again someday. Thank you all.



Ghaleb Aboalsamh

Incontinence, Urodynamics and Reconstruction

I can't believe that I am already done my year in London and my fellowship is finished! I still remember my first day in St. Joseph's Hospital trying to meet everyone. I had an awesome time: difficult, challenging and even tearful, but yet awesome. Now, I can't wait to start my own clinical and academic practice back in Qatar. I will try my best to apply all that I have learned and work to improve the voiding dysfunction unit there. I hope that my supervisors Dr. Blayne Welk and Dr. John Denstedt will be proud of my achievements and my career. I am not sure if I will practice and work again in London or Canada, but I am sure that I have a second home, thanks to all the great friends and colleagues I have here. **Hana'a Al-Hothi**



Alumni Update...



I am enjoying life and work in Sarnia with Isabelle, Elise, and Hugo. I bought a Tacoma. I wish the best of luck to Kim-Chi, Marie, and Peter.
Paul Martin

I completed my residency in Urological Surgery at Western in 2002. I subsequently went to UCSF (San Francisco) and did a fellowship with Dr Tom Lue in Neuro-urology and Sexual Dysfunction. I moved to Edmonton, Alberta in July 2004 and opened my practice shortly thereafter. The focus in my practice is sexual dysfunction as well as endourology. My wife, Ewa, and I have three children aged 6, 10 and 13. At this point we have no plans on moving from sunny Alberta.
Regards, Derek Bochinski



Greetings from the West Coast! After completing residency I made my way to Calgary to begin a fellowship in reconstructive and functional urology. The experience was immensely enjoyable and educational thanks to Drs. Carlson and Baverstock. My desire to return to BC was too strong to resist and this past summer I started practice in New Westminster/Burnaby in the Lower Mainland. The first 8 months have flown by! I continually reflect on my time in London with great fondness and gratitude for the many wonderful people that helped shape my career in medicine. Take care and hope to see you all soon!

Dan Yanko



After a wonderful five years in London, it was time to pack up the family and move to Toronto. During my fellowship in Pediatric Urology at Sick Kids, I have learned so much in such a short period of time. The breadth of cases here is staggering, from transplant to complex reconstruction and oncology. Patients here come from all over the globe. I also appreciate how residency has given me a solid foundation on which to build my skills and would like to thank the staff at Western for that! My current research interests include population-based research, bioethics and the application of medical illustration to surgical education. I plan to start my Master in Health Science (MHSc) in Bioethics in September. In my spare time, I am usually exploring the city or hiking outdoors with my husband Andrew and daughter Lucy.



Linda Lee

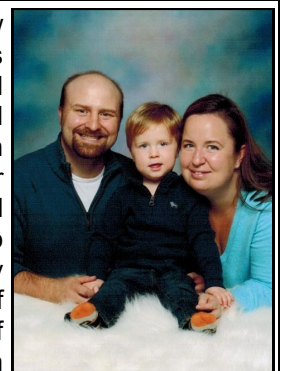
I can't believe how much has changed since I finished residency—Rachana, Niam and I moved halfway across the country back to Saskatchewan, and I joined the urology practice in Saskatoon in September. The urology group here is amazing and I have continued to learn so much! We bought a house and have settled in nicely. It is great to be back close to our families, but we definitely miss our friends and colleagues in London.

Cheers, Varun Bathini

I am in Bethesda, Maryland at NIH for a Uro-Oncology fellowship. I am loving the fellowship! My daughter Jayden (12), my niece Raydelle (17) and I are enjoying the warmer winter here, but are seriously missing Canada.
Shawna Boyle

We have been busy here in Saskatoon, with a lot of new developments as of late. Our son, Seth, is turning three years old in April 2015 and we are expecting our second child (another son) at the end of July. We have been truly blessed parents and have loved the energy and amazement that Seth brings to our lives every day. Work-wise, Effie is the Manager of Operational Accounting at Canpotex (go Potash go!) and has enjoyed her new position there, but is looking forward to another maternity leave and a chance to focus on our family more this coming summer. I completed my Master of Education Degree last June and my career has taken a bit of a turn this spring, as I was offered and accepted the position of Director of Undergraduate Surgical Education at the University of Saskatchewan. I'm currently working three days a week as a urologist with Saskatoon Urology Associates (along with Varun Bathini, which has been fun!) and two days a week as an educator/educational administrator...so far, so good and the transition has been fairly smooth and rewarding. I'm looking forward to implementing positive changes to our undergraduate surgical program. If you are ever out in the Saskatoon area, please let me know and it would be great to reconnect.

Trustin Domes



After completing my residency in 1993, I practiced in Calgary, AB from 1993 through 1999, then moved to Grand Forks, ND until 2007 when I joined HealthPartners (>22000 employees) in the Twin Cities. I am currently Assistant Medical Director for Specialty Care, Chair of Urology and Director of Robotic Surgery. I have four grown children that some may remember and want info about. My first wife, Louise passed away at age 41 of breast cancer. Brycen—27years, married, sales manager in the automotive industry, Ainsley—25 years, graduate student at the Pierre and Marie Curie University in Paris, Lauren—22 years, studying at the Curtis Institute in Philadelphia and performing professionally as a Mezzo Soprano, Sydney—21 years, and studying acting at NYU Tisch School of the Arts.

Parker Eberwein



Division Productivity 2014 (Jan-Dec)

Honours and Awards

Dr. Joseph Chin

- ◆ Honorary Member,, Chinese Urological Association

Dr. Sumit Dave

- ◆ CUA Astellas Research Award, Probiotic research in Neurogenic bladder
- ◆ Assistant Program Director, Urology Residency Training Program, The Schulich School of Medicine & Dentistry, Western University

Dr. John Denstedt

- ◆ Honorary Member, Chinese Urological Association
- ◆ Best Poster, Dr. Robert Zhong Department of Surgery Research Day, Violette PD, Dion M, Taily T, Denstedt JD, Razvi H. Percutaneous nephrolithotomy in patients with urinary tract abnormalities, the Schulich School of Medicine & Dentistry, Western University
- ◆ Co-Chair ICUD-SUI Stone Panel

Dr. Jonathan Izawa

- ◆ President, Harvey Club of London, History of Medicine Society
- ◆ Chair, Scientific Council, Canadian Urological Association Scholarship Fund

Dr. Hon Leong

- ◆ Lawson/Department of Surgery Institute Scientist Award
- ◆ CCSRI Junior Investigator Grant Panel Award
- ◆ Prostate Cancer Canada/Movember Rising Star Award
- ◆ Assistant Professor, Departments of Surgery, Pathology, and Microbiology & Immunology, the Schulich School of Medicine & Dentistry, Western University

Dr. Stephen Pautler

- ◆ Director, Endourology Fellowship Program, the Schulich School of Medicine & Dentistry, Western University

Dr. Nicholas Power

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

Dr. Hassan Razvi

- ◆ Chief Examiner, Royal College Urology Exam Committee
- ◆ Best Poster, Dr. Robert Zhong Department of Surgery Research Day, The Schulich School of Medicine & Dentistry, Western University

Dr. Alp Sener

- ◆ Program Director, Urology Residency Training Program, The Schulich School of Medicine & Dentistry, Western University
- ◆ Dean's Award of Excellence for Faculty - Junior Faculty The Schulich School of Medicine & Dentistry, Western University
- ◆ Department of Surgery Teaching Award for outstanding teaching to clinical clerks rotating in Surgery, Western University, Schulich School of Medicine & Dentistry, Department of Surgery, Division of Urology

Dr. Blayne Welk

- ◆ Best Reviewer, Female urology, incontinence, neurourology, urodynamics, Journal of Urology
- ◆ Best Poster of the Session, Northeastern Section of the American Urological Association

Grants

Dr. Gerald Brock

- Eli Lilly Canada Inc, *Impact of testosterone solution on total testosterone, sex drive and energy in hypogonadal men* (PI \$67,529)

Dr. Jeremy Burton

- Department of Surgery Internal Research fund, *An Invitro Model of P. acnes Infections of Shoulder Tissues* (Co-Investigator \$20,000)
- CIHR JUMP (Joint Motion Program), *The impact of Propionibacterium Acnes on Rotator Cuff Tendon Repair Surgical Implants of the Shoulder* (Co-Investigator \$25,000)
- W. Garfield Weston Foundation, *The Microbiome, Metabolome and Metagenome of Kidney Stones* (PI \$200,000)
- Child Health Research Foundation, NZ, *The Effects of Vitamin D Supplementation During Pregnancy and Infancy on Dental Health in Early Childhood* (Co-Investigator \$103,000 NZ)

Dr. Joseph Chin

- Prostate Cancer Canada/Movember - A Survivorship Action Partnership, *Electronic Library for Improved Urinary and Bowel Function Post-Treatment* (PI \$818,405)
- AMOSO, *Patient Derived Xenografts for Drug Development in RCC*, (Co-Investigator \$237,246)
- Movember GAP 2, Prostate Cancer Canada, *PROPS: PET/MRI pre-Radiotherapy for Post-Prostatectomy Salvage* (Collaborator \$111,430 with Pautler S)

Dr. Sumit Dave

- AMOSO, *ICES Western Surgery Theme Group* (Co-Investigator \$182,237 with S Pautler, B Welk)
- AMOSO, *Secular trends in the incidence and timing of surgery in boys with undescended testes and hypospadias in Ontario, Canada: 1996 to 2012* (PI \$65,000)

Dr. Jonathan Izawa

- CUOG, *PCA3 May be Superior to PSA in Detecting Prostate Cancer using a Gold Standard Radical Cystoprostatectomy Pathological Model* (PI \$10,000)
- CUOG, *Achieving the Oligometastatic State in End-Stage Prostate Cancer by Pharmacologic and Genetic Manipulation of Invadopodia Formed by Tumor Cells* (PI \$50,000 with H Leong)

Dr. Hon Leong

- Prostate Cancer Canada/Movember Discovery Grant, *Developing a Liquid Biopsy Format of Gleason Scoring for Prostate Cancer Prognostication* (PI \$180,014 with **J Izawa, N Power**)
- Ontario Institute for Cancer Research, *Assessment of CRPC response through comprehensive characterizing using novel biomarkers* (Co-Applicant \$849,602)
- Ontario Institute for Cancer Research—High Impact Clinical Trial Catalyst Grant, *Enumeratoin of cancer microparticles as a screening tool for pancreatic cancer patients* (Co-Applicant \$100,000)
- Prostate Cancer Canada—Rising Stars Award Grant, *Prostate cancer microparticles in plasma as a fluid biopsy for screening of prostate cancer* (PI \$450,000)

Dr. Stephen Pautler

- Department of Surgery Internal Review Fund for Clinical Academics, Western University, *Water Jet Dissection of Cavernous Nerves: Nerve Injury in a Rat Model* (PI \$20,000)
- London Regional Cancer Program Catalyst Grants Program for Translational Cancer Research, *CTCs and CECs as Prognostic Biomarkers in Renal Cell Ca* (Co-Investigator \$29,960 with **N Power**)
- Intuitive, *Enhanced Imaging for Robotic Radical Prostatectomy* (Co-Investigator \$50,000)
- St. Joseph's Health Centre Foundation, *Canadian Kidney Cancer Information System* (PI \$24,980)

Dr. Nicholas Power

- Department of Surgery Internal Research Foundation, *CTCs for Renal Cell Carcinoma* (PI \$20,000)
- Kidney Cancer Canada, *Investigating Drug Resistance* (PI \$15,000)
- AMOSO Innovation Grant, *Investigating Drug Resistance in Metastatic Renal Cell Carcinom* (PI \$236,246)
- AMOSO, *Investigating Drug Resistance Using the Chick Chorioallantoic Membrane Model* (PI \$97,500)

Dr. Hassan Razvi

- PSI, *Efficacy of Antimicrobial Prophylaxis for Extracorporeal Shock Wave Lithotripsy on Reducing Urinary Tract Infection* (PI \$102,000)

Dr. Gregor Reid

- CIHR, *Intestinal Microbiome and Extremes of Atherosclerosis:1*, (Co-Investigator \$211,632)
- Grand Challenges Canada, *Using Locally Sourced Probiotic Food to Reduce Levels of Potent Environmental Toxins* (PI \$113,000)
- NSERC, *Deciphering Lactobacillus Functionality* (PI \$165,000)

Dr. Alp Sener

- Prostate Cancer Canada Movember Discovery Grant, *NKT Cell-Based Adjuvant Immunotherapy of Prostate Cancer* (Co-PI \$188,068)
- Schulich Research Opportunities Program Award, *Donor Organ Morphometrics on Transplant Outcomes* (PI \$4,992)
- Lawson Health Research Institute Internal Research Fund, *The Effect of Hydrogen Sulphide on Renal Cell Carcinoma Tumor Growth, Proliferation and Angiogenesis* (PI \$15,000)

- ConMed Canada, *Clinical Benefits of Zero-Ischemia Partial Nephrectomy* (PI \$35,000)

Dr. Blayne Welk

- Rick Hansen Institute, Emerging Interventions & Innovative Technologies Grant, *Clinical Efficacy of Mirabegron Among Neurogenic Bladder Patients* (Co-PI \$98,194)
- Department of Surgery, the Schulich School of Medicine & Dentistry, Western University, *Pediatric Cholecystectomy Rates in Ontario* (Co-Investigator \$20,000)
- Neilsen Proof of Concept Psychosocial Research Grants, *Self-Management to Improve Bladder Health in SCI* (Co-Investigator \$299,335)

Publications

Bachir BG, Aprikian AG, **Izawa JI**, **Chin JL**, et al. Effect of body mass index on the outcomes of patients with upper and lower urinary tract cancers treated by radical surgery: results from a Canadian multicenter collaboration. *Urol Oncol*, 2014 May; 32 (4): 441-8

Bao Y, **Welk B**, **Reid G**, **Burton JP**. Role of the microbiome in recurrent urinary tract infection. eBook on Urinary tract infections, Future Science, UK, 2014 pp48-59

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Bisanz J, Enos M, Mwanga J, Chagalucha J, **Burton JP**, Gloor G, and **G Reid**. The Influence of Probiotics and the Gut Microbiome on Toxic Metal Levels in Tanzanian Pregnant Women and School Children: a Randomized Open-Label Pilot Study. *mBio* 2014; 5 (5), e01580-14 (Most read list)

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