

THE BLADE



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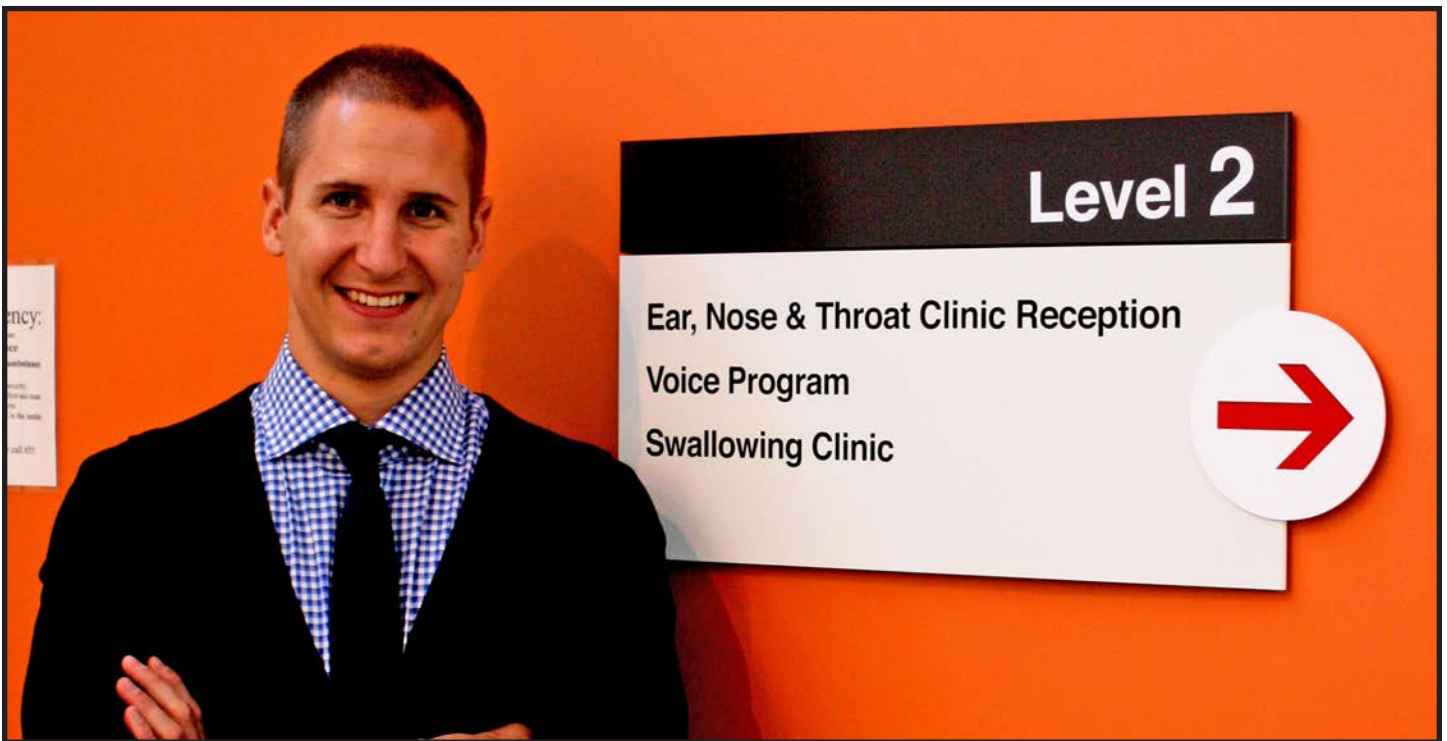


UNIVERSITY OF
CALGARY
MEDICINE

Department of Surgery Alumni Newsletter
Issue 6: September 2012

Together, Leading and Creating Excellence in Surgical Care

ALUMNI LECTURE SPOKE OF HEALTH OUTCOMES, QUALITY OF LIFE



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MESSAGE FROM DR. KORTBEEK

The Department of Surgery wishes to extend a warm welcome to the new Residents and Fellows who will be joining us at the University of Calgary for the 2012-2013 academic year. We wish you well as you embark on your careers. We know that you will enjoy an incredible experience over the coming years, while also making many new friends along the way. To our graduating residents, congratulations! You have worked hard. Success at the Royal College Surgical Specialty examinations and joining the Fellowship of Surgery remains a remarkable achievement. We look forward to hearing from you as you complete your fellowships and begin your careers as ambassadors of our program.

This year has also seen the arrival of many new and accomplished young faculty. A small snapshot of their achievements are briefly outlined in these pages. Our new faculty represent the future of the University of Calgary. Our numbers are growing and will continue to do so with the opening of the South Hospital. You will be joining a young university and surgical program that has already established a strong academic culture. We know that you will help us build our programs of excellence in the future. Once again, a warm welcome to all.

Best regards,

John B. Kortbeek, MD, FRCSC, FACS
Department Head, Surgery
Alberta Health Services
Professor and Head, Department of Surgery
Professor, Department of Critical Care Medicine
University of Calgary, Faculty of Medicine



Dr. John Kortbeek
Head of the Department of Surgery

CALLING ALL DEPARTMENT OF SURGERY ALUMNI

The Department of Surgery would love to continue to send you copies of our alumni newsletter, The Blade. Many Residents and Fellows move on to new and exciting careers outside of Calgary and we would greatly appreciate if you would let us know where you are going and how we can reach you in the future. If you would like to continue to receive our newsletter, please contact Christine Bourgeois, Administrative Assistant to Dr. Kortbeek, to update your contact information. You may phone her at (403) 944-1697 or email her at Christine.Bourgeois@albertahealthservices.ca. Thank you, and we look forward to hearing from you.

2011/2012 HIGHLIGHTS

TO THOSE WHO HAVE RECEIVED RECOGNITION THROUGH AWARDS, APPOINTMENTS, ACCREDITATION AND FOR THOSE WHO HAVE SUCCESSFULLY REACHED THEIR GOALS THROUGH SCHOOL AND LONG-TERM SERVICE, THE DEPARTMENT OF SURGERY WISHES TO THANK YOU FOR YOUR HARD WORK AND CONGRATULATE YOU ON YOUR SUCCESS.

Dr. Tom Gillis (Otolaryngology)

- Has completed 25 years of dedicated service as Otolaryngology Site Chief – RGH
- Dr. Joseph Warshawski (Otolaryngology)** will assume the position July 1, 2011

Dr. Don McPhalen (Plastic Surgery)

- Accepted to Master Teacher Program with the Faculty of Medicine, commencing September, 2011

Dr. Frankie Fraulin (Plastic Surgery)

- Awarded Faculty of Medicine Gold Star for teaching in Clerkship in Surgery

Dr. Ryan Frank (Plastic Surgery)

- Awarded the “Paediatric Plastic Surgery Education Initiative Grant” provided through the Alberta Children’s Hospital Foundation to support Executive MBA training at Queen’s University

Dr. Sean Grondin (Thoracic Surgery)

- Guest Editor of “From Residency to Retirement: Building a Successful Career in Thoracic Surgery”

Dr. David Sigalet (Paediatric General Surgery)

- 2012 Royal College Janes Visiting Professor

Dr. Ian Anderson (General Surgery)

- Department of Surgery representative to the CME & PD Committee

Dr. JF Ouellet (General Surgery)

- Recognized by PARA for his exceptional contribution to both his academic field and his community

Dr. Janice Pasioka (General Surgery)

- Awarded the 2011 General Surgery Resident Teacher of the Year Award

Dr. Lea Austen (General Surgery)

- Appointed to RGH Site Chief in General Surgery

Dr. May Lynn Quan (General Surgery)

- Appointed to Breast Health Physician Lead

Dr. Michael Monument (Orthopaedics)

- Awarded funding for the Young Investigator Grant by the Orthopaedic Research and Education Foundation

Dr. Jacques Bouchard (Orthopaedics)

- Appointed to Director, Office of Surgical Education

Dr. Anastasio Salazar (Transplant)

- Appointed Section Chief – Transplant Surgery

Dr. Adrian Harvey (General Surgery)

- Appointed Undergraduate Medical Education Clinical Clerkship Director

Dr. Jeanie Kanashiro (General Surgery)

- Appointed Undergraduate Medical Education- Education Coordinator

Dr. Linda Mrkonjic (Orthopaedics)

- Appointed Physician Lead, Quality and Patient Safety, Surgical Services

HIGHLIGHTS CONTINUED

Dr. Norm Schachar (Orthopaedics)

- Appointed Department Historian

Dr. Gwen Hollaar (General Surgery)

- Appointed Assistant Dean, Global Health Education Development

Dr. Indraneel Datta (General Surgery)

- MSc. Health Economics, Policy and Management, London School of Economics and Political Science
- Thesis: Imbalances in the Canadian Medical Specialist Workforce

Curriculum Design, Implementation Committee and Course 1 Committee (Introduction to Medicine/Gastrointestinal/Blood) awarded the Bronze Medal for Distinguished Service (23.25 hours direct teaching) to:

- Dr. Doug Johnson (General Surgery)

Curriculum Design, Implementation Committee and Course 2 Committee (MSK/Dermatology/Rheumatology awarded the Bronze Medal for Distinguished Service (12+ hours direct teaching) to:

- Dr. Doug Johnson (General Surgery)
- Dr. Rohan Lall (General Surgery)
- Dr. Donald McPhalen (Plastic Surgery)
- Dr. Andrew Wong (Paediatric General Surgery)

Awarded the Associate Dean's Letter of Excellence for Course 4 (Endocrine and Renal):

- Dr. Doug Johnson (General Surgery)

Awarded the Associate Dean's Letter of Excellence for Medical Skills Unit - Physical Exam 2:

- Dr. Andrew Wong (General Surgery)

Curriculum Design, Implementation Committee and Course 4 Committee (Endocrine and Renal) awarded the Bronze Medal for Distinguished Service (10+ hours direct teaching) to:

- Dr. Jun Kawakami (Urology)
- Dr. John Dushinski (Urology)
- Dr. Bryan Donnelly (Urology)
- Dr. William Hyndman (Pediatric Surgery)
- Dr. Doug Johnson (General Surgery)

Curriculum Design, Implementation Committee and Course 5 Committee (Neurosciences & Aging) awarded the Bronze Medal for Distinguished Service (10+ hours direct teaching) to:

- Dr. Donald McPhalen (Plastic Surgery)
- Dr. William Fletcher (Neurosciences)
- Dr. Jacob Alant (Neurosciences)

Awarded the Associate Dean's Letter of Excellence for Course 5 (Neurosciences & Aging):

- Dr. Donald McPhalen (Plastic Surgery)

Nominated for the "Star Educator" award by the PGY-1 Residents at the Rockyview General Hospital:

- Dr. Chad Ball (General Surgery)
- Dr. Artan Reso (General Surgery)
- Dr. Gregory Kozak (Urology)
- Dr. Bryan Donnelly (Urology)
- Dr. Richard Baverstock (Urology)

Members of the Medical School Admissions Committee

- Dr. Linda Mrkonjic (Orthopaedics)
- Dr. Sean Grondin (Thoracic Surgery)

ALUMNI LECTURE FOCUS WAS HEALTH OUTCOMES, QUALITY OF LIFE

Dr. Luke Rudmik was the guest lecturer at the 2012 Alumni Lecture. His presentation, "Health Outcomes Research: Lessons Learned from Endoscopic Sinus Surgery," focused mostly on findings of research he carried out during his fellowship in Portland, Oregon.

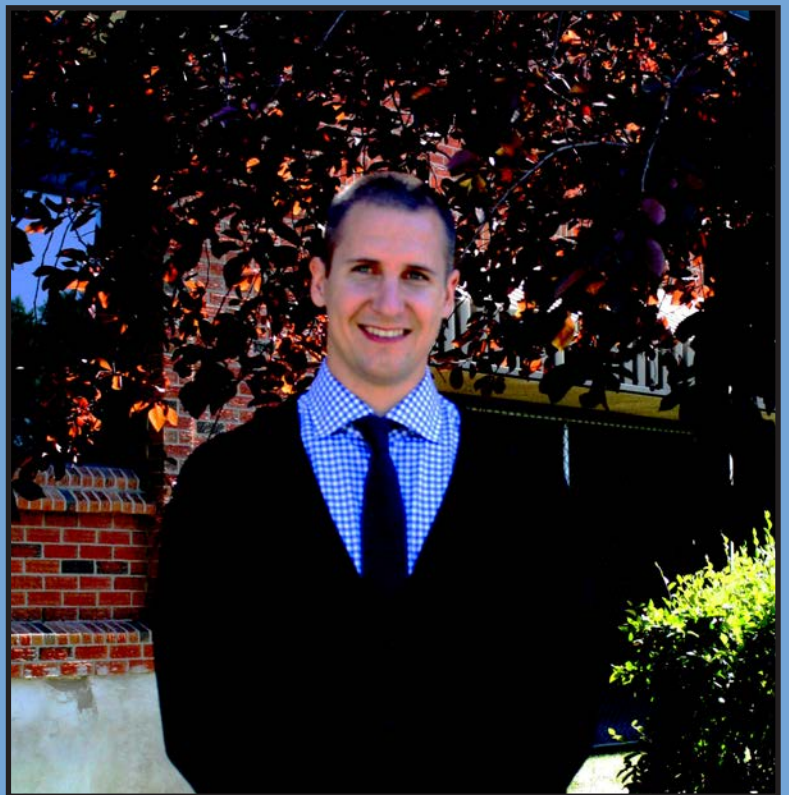
"Whichever field you're in, you need to identify what the key outcomes are for your patient population, and measure them," Dr. Rudmik said. "It's not a new idea, but I wanted to give examples of how I'm doing it and how my mentor, my fellowship director, Dr. Tim Smith, was doing it. He has a beautiful system to enrol patients and follow their outcomes. It wasn't a groundbreaking new method we were introducing; it was just showing a practical, real-life example of how you can do this."

Dr. Rudmik's lecture focused on the health outcomes of Endoscopic Sinus Surgery, particularly in the area of Quality of Life (QoL) outcomes, for patients with Chronic Sinusitis, the third most common chronic illness in North America.

Dr. Rudmik's research has patients rank QoL measures, such as sinonasal symptoms, fatigue, and embarrassment, before surgery to determine a baseline QoL score. He then follows up six months and one year after surgery to determine short term clinical improvement. He is currently collaborating with Dr. Tim Smith to define long-term clinical outcomes following sinus surgery which will provide data five to seven years after the intervention.

"Sinusitis is a huge economic burden; there is approximately 5.8 billion dollars in direct cost per year to treating this disease in North America," Dr. Rudmik said. "So you can see why it is so important to ensure our treatments are efficiently delivered. The first step is determining whether or not our treatments actually work, and now through several large studies, we've shown that they do. Now, we're just trying to refine exactly which populations it works best for."

"We're still collecting data and looking at new things. Right now we're comparing people with chronic sinusitis who we're treating with medical therapy, and people treated with surgery. We're trying to define which patients will get better with medical therapy, and which ones



Dr. Luke Rudmik

won't. And who will benefit from surgery, and who won't. Knowing this data will significantly improve the efficiency by which we deliver care for this disease. I think this could improve what we do as a health care system."

Dr. Rudmik said he would like to see some significant changes made to the fact that researchers are not necessarily encouraged to delve into projects like his own.

education at both Mount Royal University (then Mount Royal College) and the University of Calgary, went on to finish his MD and residency in Otolaryngology at the University of Calgary.

Presently, Dr. Rudmik is working to complete a master's degree in Health Economics through the London School of Economics, which he will finish in the fall of next year.

"The benefits (of health) move past the individual and actually translate into societal welfare."

- DR. LUKE RUDMIK

"I feel that there's so much inefficiency in the way research is promoted in Canada," Dr. Rudmik said. "And after seeing a very different, highly efficient system in the U.S., I feel there is much improvement that the medical community can provide to encourage and support clinical researchers.

"Often in Canada, research is unpaid," he said. "It's not all about money but at the same time, most researchers in the world are getting monetary support. It gets very frustrating to work for free.

"Clinical researchers often need to take time away from our family time or we're paying for research out of our own income. A lot of people don't do research because of these problems."

In addition to monetary support, Dr. Rudmik said it would be ideal for researchers to receive more access to clinical resources, such as operating room time, and staff support, such as research coordinators.

Dr. Rudmik, who completed his undergraduate

"The research area that I would really like to focus on is cost-effectiveness analysis," he said. "I think that this is important to study with all interventions. Is it cost effective? Is it worth doing? How much money should we invest into our interventions? What is the opportunity cost of shifting health care resources?

The goal would be to translate research into improved health care efficiency."

Dr. Rudmik pointed out that his research has a wider scope in an economic sense than it would seem at first glance.

"There's a whole gain to society with health," he explained. "That's why governments put such a tremendous percentage of their GDP into health care. Numerous studies have shown that societies with improved health have better economic stability. People are in the work force, making and spending money.

"There's a whole societal benefit to health. I like making people feel better, and it's good to help people. But people in health care need to realize that the benefits move past the individual and actually translate into societal welfare. When you take a step back, health outcomes are important for overall economic stability. I feel this justifies why we need to develop efficient methods to measure health outcomes. They will give us the data to actually improve the interventions we are providing to society."

SURGEONS' DAY 2012: RECOGNIZING EXCELLENCE

The Department of Surgery hosts a Research Symposium and Surgeons' Day annually to honour accomplishments, and the best and brightest research that the department has to offer. The 30th Annual Symposium was held at the Libin Theatre on the Foothills Campus on June 15, 2012.

In four separate sessions, residents, fellows and one medical student presented a broad range of research to an engaged crowd, accepting queries from judges. Dr. Chad Ball, Dr. Carmen Brauer, Dr. Fiona Costello, and Dr. Derek Drummond served as Sessional Moderators for the podium presentations, taking on the responsibility of introducing presenters and moderating question periods.

Topics explored in research varied hugely and included "The treatment of footdrop following knee dislocation," "Prevention of delirium in trauma patients: Are we giving thiamine prophylaxis a fair chance?" "Beta-blockers for the treatment of problematic hemangiomas," "Visual prognosis of epiretinal membrane peeling based on pre-operative optical coherence tomography findings," and "The impact of reinterpretation of imaging studies on the staging and management of patients with head and neck cancer."

A poster discussion was also lead by Dr. Derek Drummond.

Dr. Oliver Bathe and Dr. Sam Daniel served as judges for the morning's research presentations.

Dr. Bathe is a Professor in Surgery and Oncology with the University of Calgary, a Surgical Oncologist with a special interest in hepatobiliary, pancreatic, and gastrointestinal tumours. Introduced by Dr. Francis Sutherland, Dr. Bathe delivered this year's McMurtry Lecture, entitled "Of Mice and Men: Making Research Relevant."

Dr. Sam Daniel, visiting judge, is the Director of Otolaryngology Head and Neck Surgery at the Montreal Children's Hospital and Director of Paediatric Otolaryngology at McGill University. After an introduction by Dr. Joseph Dort, Dr. Daniel delivered the 2012 McPhedran Lecture, "Challenges in Surgical Research." Both Dr. Daniel and Dr. Bathe were presented with judge's awards.

The Peter Cruse Memorial Award was presented by Dr. John Kortbeek to Medical Student Devon Livingstone, with an honourable mention for that award going to Medical Student David Cinats.

The evening's Surgeons' Day was a black tie event held at the Sheraton Suites Calgary Eau Claire Hotel.



SURGEONS' DAY 2012 CONTINUED



Distinguished Service Awards are presented annually to one surgeon from each facility in the city. This year's recipients were Dr. Donald McPhalen from Alberta Children's Hospital (presenter: Dr. Rob Harrop), Dr. Rene Lafreniere from Foothills Medical Centre (presenter: Dr. Don Buie), Dr. Jim Nixon from Peter Lougheed Centre (presenter: Dr. John Heine) and Dr. Thomas Gillis from Rockyview General Hospital (presenter: Dr. Wayne Matthews).

As for resident-nominated awards, Dr. Jim Nixon was the recipient of the Educator of the year award, which was presented by General Surgery Resident Dr. Trevor Hamilton. Dr. Christaan Schrag was presented with the Ectopic Educator award by Otolaryngology Resident Dr. Monica Hoy.

Dr. Harrop presented the Surgical Innovation Award to Dr. Richard Baverstock and Dr. Kevin Carlson for the Vesia: Alberta Bladder Centre at the Rockyview General Hospital.

Resident awards were presented in four different categories.

There was a tie for Best Overall Resident Research, which was presented to Orthopaedic Surgery Resident Dr. Herman Johal for "Cost-effectiveness of minimally invasive spine surgery in the treatment of adult degenerative scoliosis - a comparison of transpoas and open approaches" and Otolaryngology Resident Dr. Derrick Randall for "Diagnostic utility of central node necrosis in predicting extracapsular spread among oral cavity squamous cell carcinoma."

General Surgery Resident Dr. Janet Edwards, who unfortunately could not attend the evening's events, received honourable mention for Overall Resident Research for her research, "Wound protectors reduce surgical site infection: A meta-analysis of randomized controlled trials."

Best research by a surgical fellow went to Cardiac Surgery Fellow Dr. Billie-Jean Martin for her research titled "Preoperative endothelial dysfunction in coronary bypass trial (PREDICT)." Dr. Martin's efforts earned her a Surgeons' Day award for the third year in a row.

Best poster went to Orthopaedic Fellow Dr. Simon Grange for his research titled "Identification of favourable prognostic factors for non-operative management of full thickness rotator cuff tears."

The evening finished off with words from Dr. Kortbeek and entertainment provided by a jazz quartet.

SURGEONS' DAY AWARD WINNERS



Dr. Richard Baverstock and Dr. Kevin Carlson were the recipients of The Surgical Innovation Award for the Vesia Alberta Bladder Centre, which aims to improve the lives of individuals living with lower urinary tract and pelvic floor dysfunction. Dr. Baverstock completed a Urology residency at the University of Alberta in 2003, and a fellowship in Male Reconstructive Surgery, Andrology, Incontinence and Urodynamics at the University of Toronto. He has been practicing in Calgary since 2004 and serves as the Director of Quality Assurance for the Section of Urology. Dr. Carlson completed his Urology residency training at Dalhousie University in Halifax, NS in 1999 and the following year finished a fellowship in Pelvic Reconstructive Surgery, Voiding Dysfunction, Neurourology, and Urodynamics at New York University Medical Centre in New York City, NY. At present, Dr. Carlson is Chief of the Section of Urology and Director of the Canadian Continence Foundation.

SURGEONS' DAY AWARD WINNERS CONTINUED



Dr. Janet Edwards, a General Surgery R4, won Honourable Mention for Overall Resident Research. Her research, "Wound protectors reduce surgical site infection: a meta-analysis of randomized controlled trials," investigated whether wound protectors reduce the risk of site infections following gastrointestinal and biliary tract surgery.



Dr. Billie-Jean Martin, a Cardiac Surgery Extended Resident, took home a research award for the third year in a row, this year for Best Research by a Surgical Fellow. "Preoperative endothelial dysfunction in coronary bypass trial (PREDICT)" investigated whether there were impairments in vascular function in obese patients undergoing Coronary Artery Bypass Grafting and whether or not short term post-operative outcomes were related.



Dr. Derrick Randall, an Otolaryngology R2, was one recipient of the Award for Best Overall Resident Research. His research was titled "Diagnostic utility of central node necrosis in predicting extracapsular spread among oral cavity squamous cell carcinoma," and evaluated the ability of CT imaging to identify extracapsular spread, which reduces survival rates in patients with oral cavity squamous cell carcinoma.



Orthopaedic Surgery R3 Dr. Herman Johal was the other recipient of the Best Overall Resident Research Award. His presentation, "Cost-effectiveness of minimally invasive spine surgery in the treatment of adult degenerative scoliosis- A comparison of transpoas and open approaches," aimed to to determine the cost-effectiveness of transpoas Direct Lateral Interbody Fusion compared with traditional open correction techniques.



Dr. Simon Grange, an Orthopaedic Fellow, received the award for Best Poster. His poster was titled "Identification of favourable prognostic factors for non-operative management of full thickness rotator cuff tears." Dr. Grange, who attended Medical School at Bristol University in the UK, has been in Calgary since 2010, working to complete training as a surgeon scientist with an interest in the upper limb.



Dr. Rene Lafreniere won the Distinguished Service Award for FMC. Dr. Lafreniere completed his MD at McGill University in Montreal, QC in 1977 and surgical residency at the University of Miami School of Medicine in 1982. He served as Regional Clinical Department Head from 1993 to 2006. Dr. Lafreniere was recognized for his many years of dedicated service as well as his advocacy for surgical services. He continues a busy practice focused on Breast Oncology.

SURGEONS' DAY AWARD WINNERS CONTINUED



Dr. Thomas Gillis was the recipient of the Distinguished Service Award for RGH. Dr. Gillis graduated from Dalhousie University with his MD in 1974, and completed his residency training in Otolaryngology in 1980 at the University of Toronto. He has been practicing in Calgary since 1981, and has lectured throughout Canada and the United States.



Dr. Donald McPhalen was the recipient of the Distinguished Service Award for ACH. Dr. McPhalen earned his MD from the University of Alberta in 1982. After training in family medicine, he went on to complete his residency in Plastic Surgery in 1989 with the University of Calgary. Dr. McPhalen is a Clinical Lecturer with the section of Plastic Surgery, and an Instructor in the U of C Medical Skills Program and Med440. He currently is the Clinical Director of the Cleft Palate Clinic, Vascular Birthmark Clinic, and Craniofacial Clinic, among other administrative duties, and an examiner for the Royal College.



Dr. James Nixon was the recipient of both the Educator of the Year and Distinguished Service Award for PLC. Dr. Nixon completed his General Surgery residency in 1976 at the University of Calgary. He is currently General Surgery Staff and a member of several Associations including the Trauma Association of Canada and Canadian Association of General Surgeons. Former Site Chief of PLC, Dr. Nixon is heavily involved in undergraduate, graduate, and postgraduate education.



Dr. Christiaan Schrag was the recipient of the Ectopic Educator Award this year. Dr. Schrag completed his residency training in Plastic Surgery in 2004 at the University of Calgary after attending medical school at Queen's University in Kingston, ON. He also trained as a Fellow in Reconstructive Microsurgery in Taiwan.



Dr. Oliver Bathe and Dr. Sam Daniel were the guest judges at the Research Symposium. Dr. Bathe gave the McMurtry lecture, titled "Of Mice and Men: Making Research Relevant." Dr. Sam Daniel, Director of Paediatric Otolaryngology at McGill University, was the McPhedran lecturer with his presentation titled "Challenges in Surgical Research." Both judges were recognized at the awards' dinner for their roles in the 30th annual Surgeons' Day.



NEW FACULTY

Dr. Raul Kuchinad (RGH)

Dr. Raul Kuchinad joined the Section of Orthopaedic Surgery in August 2012. Originally from London, Ontario, he obtained his MD from Queen's University in Kingston, Ontario and completed his residency in Orthopaedic Surgery in 2010 with the University of Calgary. Dr. Kuchinad has completed fellowships in Hip and Knee Arthroplasty and Deformity Correction. Outside of medicine, he enjoys hiking, skiing, and travel. Dr. Kuchinad will be returning to Calgary with a focus in Adult Arthroplasty.



Photo Courtesy of Dr. Kuchinad

Dr. Francois Harton (PLC)

Dr. Francois Harton joined the Section of Podiatry in June 2012. Originally from Quebec, Dr. Harton has just returned from Michigan, where he practiced Podiatry for 11 years. Dr. Harton attended the Temple School of Podiatric Medicine in Philadelphia, PA, also finishing surgical residency in Reconstructive Foot and Ankle Surgery at Emory Northlake Medical Center in Atlanta, GA. He is also a member of the Podiatry Institute and has enjoyed lecturing across Canada and the US. Dr. Harton is also a husband and father of three.



Dr. Neil White (SHC)

Dr. Neil White joined the Section of Orthopaedic Surgery in June 2012. Raised in Vancouver, BC, Dr. White completed his residency at the University of Calgary. He has also completed two fellowships, the first at Columbia University in New York, NY in Hand Surgery, and the second in Edinburgh, Scotland in Orthopaedic Trauma with a focus in Upper Extremity Trauma, which is his main interest. He has filled locum positions in Bermuda as well as on Vancouver Island. Recently, Dr. White operated in four missionary and government hospitals in East Africa. Another of Dr. White's big interests is the ocean, where he enjoys surfing as often as possible in his downtime.



Dr. Marcia Clark (SHC)

Dr. Marcia Clark joined the Section of Orthopaedic Surgery in September 2012. Dr. Clark was born and raised in Banff, AB, and finished medical school at the University of Calgary and her Orthopaedic Surgery residency at the University of Alberta. For the past four and a half years, Dr. Clark has worked in Hip and Knee Surgery in Edmonton. Her volunteer activities include serving as medical support for both the Canadian Alpine Ski Team and Motor Sports. Dr. Clark also has three young children.



Dr. Jeffrey Dawes (FMC)

Dr. Jeffrey Dawes joined the Sections of Plastic Surgery and Surgical Oncology in July 2012. Dr. Dawes possesses a B.Sc., B.Comm., MBA and MD. He completed his surgical training at the University of Calgary in Aesthetic and Reconstructive Plastic Surgery. Dr. Dawes has presented at numerous national meetings and is an author in several peer-reviewed publications. As a Clinical Lecturer with the University of Calgary's Faculty of Medicine, Dr. Dawes regularly presents lectures to medical students on topics including wound healing, skin cancer and burn management. Dr. Dawes and his wife Robyn have four children and live in South Calgary. They enjoy various activities, including mountain biking, snowboarding, water sports and golf.



Photo Courtesy of Dr. Dawes

Dr. Artan Reso (RGH)

Dr. Artan Reso joined the Section of General Surgery in May 2012. After attending Medical School in Albania, Dr. Reso came to the University of Calgary and completed his residency in 2009. After a Fellowship in MIS and Bariatric Surgery in Toronto, he went on to a Masters in Surgical Education through Imperial College in London, England while filling a locum position at RGH. Dr. Reso and his wife, Anita, who is also a physician, have one son. He enjoys sports as well, particularly tennis and basketball.



Dr. Nicholas Makhoul (PLC)

Originally from Calgary, Dr. Nicholas Makhoul joined the Section of Oral and Maxillofacial Surgery in September 2012. Dr. Makhoul obtained his MD and finished his residency at the University of Michigan, where he also completed advanced fellowship training in Maxillofacial Oncology & Microvascular Reconstructive Surgery. The area of focus for his research has been on the treatment and construction of oral cancer patients as computer-assisted maxillofacial reconstruction. Outside of medicine, Dr. Makhoul enjoys skiing and time spent with his wife and two daughters.



Photo Courtesy of Dr. Makhoul



WELCOME, NEW FACULTY

GRADUATING RESIDENTS 2012

PLASTIC SURGERY

Dr. Fred Loiselle is beginning a Locum position in Campbell River for the summer and then completing a fellowship in Hand and Wrist Surgery in Vancouver, BC.

COLORECTAL SURGERY

Dr. George Roxin (Extended Resident) has accepted a position in Lethbridge with a General Surgical Practice with an interest in Colorectal Surgery.

SURGICAL ONCOLOGY

Dr. Pamela Hebbard (Extended Resident) is taking a position as a Surgical Oncologist with primary focus on advanced GI malignancies and breast cancer at the Health Sciences Centre, Winnipeg, MB.

THORACIC SURGERY

Dr. Shaun Deen (Extended Resident) is heading to Seattle to do a one year MIS Thoracic and Esophageal fellowship at Swedish Hospital.

OPHTHALMOLOGY

Dr. Patrick Gooi will be finishing a fellowship in Glaucoma in Toronto, and hopes to return to Calgary upon completion.

ORTHOPAEDIC SURGERY

Dr. Mark DaCambra will be starting a fellowship in Orthopaedic Sport Medicine and trauma in Vancouver, BC next year.

Dr. Cinzia Gaudelli will be heading to Montreal to complete an Upper Extremity fellowship.

Dr. Jeremy LaMothe will be finishing two one-year fellowships in New York, NY, at The Hospital for Special Surgery: the first in Orthopaedic Trauma Surgery, and the second in Foot and Ankle Surgery.

Dr. Ryan Martin will be completing a fellowship in Orthopaedic Trauma at the Hospital for Special Surgery in New York, NY. After that, he will be completing a fellowship in Sport Medicine and Arthroscopy at the University of Toronto.

Dr. Justin LeBlanc will finish two shoulder fellowships; the first in London, Ontario and the second in Melbourne, Australia.

Dr. Brendan O'Neill will be completing a comprehensive knee fellowship at the University of Ottawa.

OTOLARYNGOLOGY

Dr. John Cho will be finishing an Otology-Neurotology and Skull Base Surgery fellowship at the Paparella Ear Head & Neck Institute in Minneapolis, MN.

GENERAL SURGERY

Dr. Chris Armstrong will be relocating to Orange County, CA, to complete a one year clinical fellowship in Advanced Laparoscopic Surgery at University of California, Irvine.

Dr. Scott Cassie will be headed off to the University of Toronto for a fellowship in Minimally Invasive and Bariatric Surgery.

Dr. Paul McBeth is heading to Vancouver for a two-year fellowship in Critical Care Medicine at the University of British Columbia.

Dr. Hani Redwan will be completing a two year Colorectal fellowship at the University of Ottawa.

Dr. Jennifer Stanger will be going to the University of British Columbia in Vancouver to finish a two-year fellowship in Paediatric Surgery.

DENTISTRY AND ORAL HEALTH

Dr. Tyson Allred will be employed in Red Deer, AB as a general practice Dentist.

Dr. Aliya Rajwani plans to take the summer off to travel before beginning work in a community dental clinic in Calgary.

CARDIAC SURGERY

Dr. William Kent will be starting a clinical and research fellowship specializing in Heart Failure and Complex Valve Surgery at Northwestern University in Chicago, IL.

CONGRATULATIONS, RESIDENTS!

SECOND ANNUAL GENERAL SURGERY SOFTBALL GAME



The residents pose for a picture while celebrating their victory over the faculty



Faculty members heckle players from the bench



Dr. Estifanos Debru takes his turn at bat

The second annual General Surgery softball game was held July 19 at Parkdale Community Centre, sponsored by Mr. Mike Gerencser from Lifecell.

The evening started off with a catered barbeque organized by Ms. Linda Wentland for residents, faculty and family members.

Dr. Chad Ball started up the event last year to welcome new residents and to get the residents working together. The game pits the residents against faculty members in friendly competition.

The residents ("Bunt Trauma") outnumbered faculty in both turnout and runs; the game came to an end with a score of 24-16. The residents took last year's victory, and the oversized trophy, from the faculty.

INTERNATIONAL WORK COMES WITH SET OF STRUGGLES

CALGARY SURGEON SAYS EDUCATION IS KEY WHEN ABROAD

In her medical trips abroad, Dr. Elaine Joughin has learned several lessons about what is needed for a successful mission overseas.

Dr. Joughin's first trips were to Thailand, to a region without doctors where she and a team arrived to realize that they were not properly prepared for the conditions they faced.

"They didn't really have an operating room, there were no sterile conditions, no sterilizer, and no anaesthetic machine. If you don't know that ahead of time, you can't bring the right equipment and there's only a limited amount you can accomplish."

Dr. Joughin said that it was important to form a relationship with a community rather than offering support a single time. Going to the same community of Cuenca, Ecuador every year is a prime example of this in action.

That mission was put together by Dr. James Harder and supported by The Rotary Club.

Dr. Joughin said that it is also important to have someone on board who is very familiar with local need and customs. For instance, the team she was involved in consulted with a family physician working with indigenous people in the area, and would bring in local people who needed surgery.

"If I went by myself to Ecuador, I wouldn't have a clue what to do, because I don't know what the local problems are. You need someone to direct you to resources, people, language,

what their own base of knowledge is, and what their health care system is like so that you're not trying to duplicate services, you're trying to help fill in holes."

One of the major problems that Dr. Joughin, a Paediatric Orthopaedic Surgeon, realized was prominent in Cuenca was dislocation of babies' hips. In Canada, treatment is available immediately with early detection in place. There, it is more common and often missed. Because the hips are not detected early enough for simple measures to be taken, surgery is necessary to put the hip back into the joint.

"They often don't carry their babies in a way that is healthy for baby's hips. If a baby has a disposition for a hip coming out, and you bind the baby's legs together or push them together, then that will encourage the hip to come out of the joint. There's a very high



Dr. Joughin examines a child's foot in Cuenca.
Photo Courtesy of Dr. E. Joughin

incidence there of this problem, part of which is because they carry their babies off to the side instead of with their legs apart."

For this issue, Dr. Joughin and the team attempt to take preventative measures in the Ecuadorian community. They designed a poster demonstrating the correct and incorrect ways to carry babies intended to prevent the hip issues.

"Education of local people is the most important part of this type of work. Itinerant surgery talks about going to one place, doing your surgery, and then leaving. You benefit few people and you aren't there to follow up. Nowadays, we have Internet, Skype, resources like that, so it's a lot easier to communicate."

Educating of doctors and even medical students is another aspect of the mission that Dr. Joughin said is useful in the long term.

"It's really important to have people there who will follow up with patients because the treatment isn't finished when we're there; all we do is the procedure. All of the aftercare is just as important as the procedure itself. So ultimately what you want to do is to be able to share your knowledge that you bring with you."

"We go there and give medical students a couple of talks every year and try to go to the different universities. We teach on things like foot abnormalities, concentrate on hips so they can learn to examine hips for early detection. We educate the local Orthopaedic Surgeons on up-to-date techniques and ways of doing this.

"Teaching advances in treatment of club feet is really important too, because it's more of a non-operative type treatment, and if they learn the new way of doing things, the results will be much better.



A poster created to raise awareness on how to safely hold babies.
Photo Courtesy of Dr. E. Joughin

"I concentrate on teaching. It's not just the surgeries we've taught them. When we first started, they didn't have tile on the walls, they didn't wash the walls between cases, infection rate was really quite high. The anaesthesia equipment was very rudimentary, and the Anaesthesiologists have taught them quite a lot in terms of ventilation, increasing patient safety for people working there, sharps, universal precautions, preventing exposure to pathogens, we got them x-ray gowns. Those are all little things that we take for granted, which are more important than the big picture of the surgery."

Dr. Joughin said that the mission in Ecuador is at a point where the medical system is improving, but although surgeons have been trained to help patients, leaving the picture altogether is not an option.

"We still have to provide ongoing support. So now we can go down and just do teaching. I want to continue that relationship, and we can develop a relationship elsewhere on the same principles."

GENEROUS GIFT WILL AID PATIENT CARE GRAD FAMILY DONATES FUNDS FOR ULTRASOUNDS

For Jane and Stan Grad, the motivation to donate funds for brand new ultrasounds for the Department of Surgery came from Jane's own experiences with breast cancer.

"When you're facing cancer, you need to be surrounded by positive energy," said Jane Grad. She explained that the anxiety of waiting was stressful and negative for herself and other cancer patients.

Mr. and Mrs. Grad have developed a relationship with Dr. Rene Lafreniere over the years. "When you have to see a surgeon every six months for the rest of your life, you form a friendship with them," Jane said. When Dr. Lafreniere mentioned raising funds to purchase ultrasounds, she was

eager to help reduce waiting and stress for patients. She and Stan are now helping to purchase the ultrasounds, two of which the Department has already acquired.

Dr. Lafreniere said that the Department plans to eventually have five or six of the ultrasounds, which he said are beneficial to everyone involved. Doctors can use them to biopsy for accuracy in operating rooms before surgery, as well as in clinics for immediate answers rather than having patients book ultrasound appointments.

"It's great to see everything becoming more centralized. This will be a great relief for cancer patients," Jane said.



Dr. Rene Lafreniere, Jane and Stan Grad pose with one of the donated ultrasounds.

LOUGHEED HOUSE RECOGNITION CEREMONY



On October 28, 2011 the Department of Surgery honored Faculty who had made significant contributions as Physician Leads and those who had completed their terms. A special recognition dinner held by Dr. John Kortbeek served as a reminder to these individuals that though they had stepped down from their former positions, they were greatly appreciated for the time and effort they dedicated to Alberta Health Services and the University of Calgary.

FIFTH ANNUAL ORTHOPAEDIC FELLOWS RESEARCH SYMPOSIUM

The Fifth Annual Fellows Research Symposium took place on Wednesday, May 9, 2012 at the Calgary Winter Club.

his presentation: Intra-Operative Skull Femoral Traction in Posterior Adolescent Idiopathic Scoliosis Surgery.

Dr. Robert Bourne of the University of Western Ontario was the guest adjudicator for the event. Dr. Gurpreet Dhaliwal and Dr. Fabio Ferri-de-Barros took on roles of local adjudicators.

Second place went to Dr. Christina Goldstein, a Combined Spine Fellow, accepted the second place for her research: Symptomatic Spinal Epidural Hematoma after Posterior Cervical Surgery: Incidence and Predictors.

Ten orthopaedic fellows presented research projects at the symposium, including the three recipients of the Norman Schachar Research Award.

Dr. Samir Alsayegh, Paediatric Spine Fellow, took first place, presented by Dr. Bourne, for



Dr. Samir Alsayegh and Dr. Robert Bourne
Photo Courtesy of Christine Fjaagesund

Dr. Eric Huang was presented with third place for his presentation: Decreased Complication Rate Using Trans-PSOAS Versus Open Approaches in the Treatment of Adult Degenerative Scoliosis.

Plans are already underway for next year's research symposium.

NEW RESIDENTS 2012-2013



Dr. Aaron Spooner R1
Cardiac Surgery
University of Manitoba



Dr. Cindy Nagel R1
Dentistry & Oral Health
McGill University



Dr. Natasha Nazarali R1
Dentistry & Oral Health
University of Western Ontario



Dr. Debanjana Das R1
General Surgery
University of Calgary



Dr. Navjit Dharampal R1
General Surgery
University of British Columbia



Dr. Adam Fehr R1
General Surgery
University of Western Ontario



Dr. Mark Lipson R1
General Surgery
University of Manitoba



Dr. Stephen Quigley R1
General Surgery
Memorial University



Dr. Connal Robertson-More R1
General Surgery
University of Calgary



Dr. Faazil Kassam R1
Ophthalmology
University of Toronto



Dr. Micah Luong R1
Ophthalmology
University of Calgary



Dr. Jennifer Leighton R1
Orthopaedic Surgery
Dalhousie University



Dr. Devin Lemmex R1
Orthopaedic Surgery
University of Calgary



Dr. Chris Nielsen R1
Orthopaedic Surgery
University of Calgary



Dr. Jessica Page R1
Orthopaedic Surgery
University of Toronto



Dr. Natalie Rollick R1
Orthopaedic Surgery
University of Calgary



Dr. Ed Schwartzberger R1
Orthopaedic Surgery
University of Calgary



Dr. Carrie Liu R1
Otolaryngology
University of Calgary



Dr. Kristine Smith R1
Otolaryngology
University of Saskatchewan



Dr. Arezoo Astaneche R1
Plastic Surgery
University of British Columbia



Dr. Jill Stone R1
Plastic Surgery
University of Calgary

NEW EXTENDED RESIDENTS AND FELLOWS 2012-2013



R6

Dr. Kevin Klingbeil
Colorectal Surgery
Extended Residency
University of Alberta



Dr. Juan Carlos
Sabogal Olarte
HPB Surgery Fellowship
University El Bosque
Bogota, D.C. Colombia



Dr. Shveta Bali
Anterior Segment
Refractive Fellowship
All India Institute of
Medical Science



Dr. Kevin Warrian
Retina Fellowship
University of Western
Ontario



Dr. Mohammed
Alshehri
Joint Rec/Conservative
Hip Fellowship
Saudi Commission
for Health Studies,
Riyadh, KSA



Dr. Rohit Amritanand
Combined Spine
Fellowship
Christian Medical
College, Ludhiana,
Punjab, India



Dr. Kamal Bali
Joint Reconstruction
Fellowship
Post Graduate Institute
of Medical Education
& Res.,
Cahandigarh, India



Dr. Steve Hunt
Trauma Fellowship
Memorial University



Dr. Catherine O'Brien
Sport Medicine/Knee/
Shoulder Fellowship
University of British
Columbia



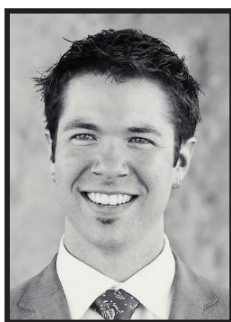
Dr. Saurabh Rawall
Combined Spine
Fellowship
All India Institute of
Medical Sciences



Dr. Michael Spiess
Combined Spine
Fellowship
University of
Saskatchewan



Dr. Sean Suttor
Combined Spine
Fellowship
Australian Orthopaedic
Association



R6

Dr. Justin Rivard
Surgical Oncology
Extended Residency
University of Manitoba



R6

Dr. Julius Poon
Thoracic Surgery
Extended Residency
University of British
Columbia



R6

Dr. Mary MacDonald
Vascular Surgery
Extended Residency
Dalhousie University

IN MEMORY

DR. NORMAN TAIT MCPHEDRAN
1924-2012

Dr. Norman Tait McPhedran, known affectionately as Mac or Tait, passed away on March 13, 2012 in Calgary at the age of 88. Dr. McPhedran was born February 12, 1924 in Saskatoon. He attended elementary school in Calgary and high school in Campbell River, British Columbia.

After high school, he served in the Canadian Forces during World War II, which afforded him the chance to receive a medical education from the University of Toronto, where he completed his M.D. in 1950. Dr. McPhedran also completed post graduate education in surgery in Toronto, where he held a staff appointment at Toronto General Hospital and was part of the faculty of the Department of Surgery at the University of Toronto.

In his spare time, Dr. McPhedran was the doctor for the Toronto Maple Leafs, taking in their 1967 Stanley Cup win.

He was appointed Professor and Head of the Department of Surgery at the University of Calgary and Chief of Surgery at the Foothills Hospital in 1969.

Dr. McPhedran loved to pass time with his family: his wife Jean Anne of 62 years and their five sons, as well as grandchildren, spending family fun time in the mountains. Dr. McPhedran always took time to inquire about the health of his students' and colleagues' families as well, and leaves behind a legacy of excellence in surgical care.

Students of Dr. McPhedran have gone on to national and international leadership roles, his impact evident. Dr. McPhedran was also appointed the honour of being appointed as a Regent of the American College of Surgeons, serving four terms. Dr. McPhedran will be greatly missed in the surgical world and remembered as an incredible mentor.

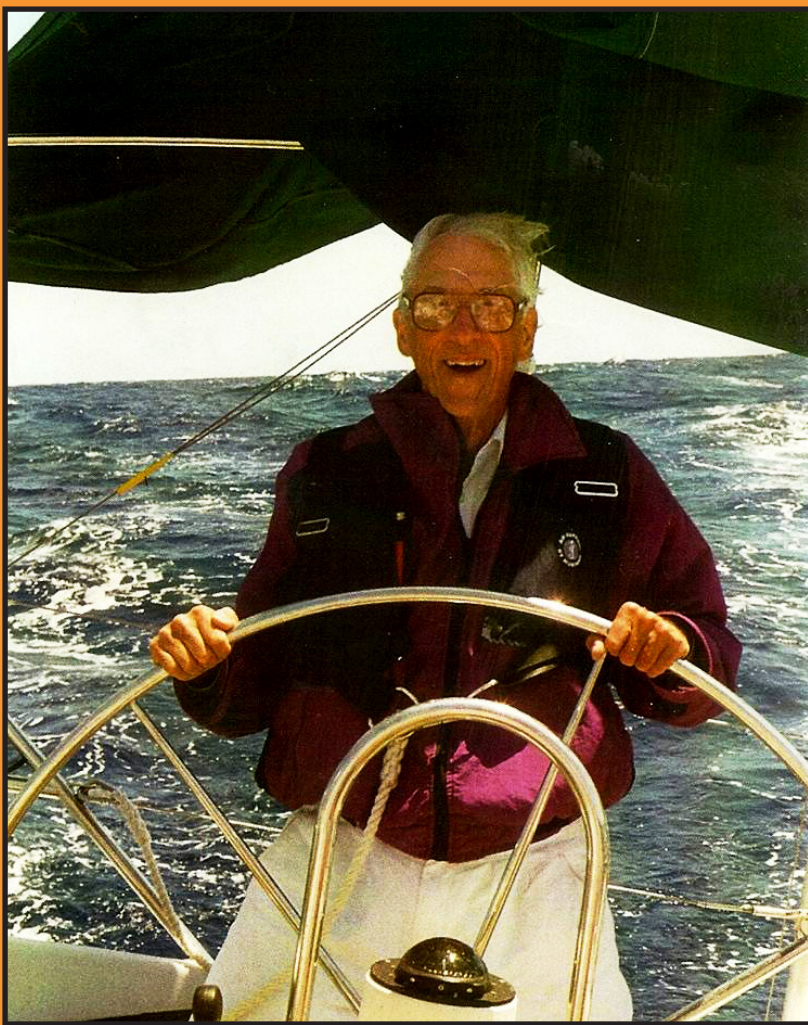


Photo Courtesy of the McPhedran Family

ALUMNI LECTURESHIP

The Alumni Lectureship Committee was established to showcase distinguished surgeons who graduated from programs at the University of Calgary. Dr. Neal Church took over the Lectureship Committee Chair from Dr. John Heine this past year for a five-year term.

Because previous lecturers had been drawn from the Sections of General Surgery and Orthopaedic Surgery, two of the Department's oldest Residency Programs, Dr. Church said that he wanted to make changes.

"My goal for the lectureship is to broaden its scope to include all of the Sections in the Department. In recent years, there has been an expansion in the number of residency training programs and fellowship programs. That's what I would like to see moving forward is just to start bringing back alumni of those younger training programs."

Dr. Church's first introduction of newer programs was this year's alumni lecturer, Otolaryngologist Dr. Luke Rudmik.



Photo Courtesy of Dr. Neal Church

"It's interesting to see where people have gone and what things have been done, that's interesting because having trained here myself, I know a lot of these people and it's always fun to get back in touch with them and see where they've landed and where their careers have taken them."

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Head of the Department of Surgery

Dr. Neal Church
Chair, Alumni Lectureship Committee,
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Department of Surgery
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