SIXTEENTH ANNUAL
OWEN H. WANGENSTEEN
VISITING PROFESSOR
OF SURGERY LECTURE

Robin McLeod, MD, FRCS (C) presented “Evidence-Based Medicine and the Evolution to Knowledge Translation, Quality Assurance and Changed Behavior.” On October 20, 2015, she spoke about her experience leading a project aimed to standardize care based on best evidence across the University of Toronto affiliated hospitals.

Speaking to an overflow audience, Dr. McLeod asked the question “Are we providing care based on best evidence or is there a gap in care?”

Citing numerous studies, Dr. McLeod illustrated the consistent and numerous delays in adoption of Level I evidence into the development of an intervention. “There is a real problem, over and over, that from the time that there is strong Level I evidence until an intervention is adopted, usually takes 15-20 years,” she explained.

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New Faculty and Appointments

SRINATH CHINNAKOTLA, MD appointed Surgical Director of Liver Transplant Program

Dr. Chinnakotla has been named the Surgical Director of the Liver Transplant Program. He will serve as the primary liver transplant surgeon at the University of Minnesota Masonic Children’s Hospital and the University of Minnesota Medical Center.

He will continue to serve as the Executive Medical Director of the Pediatric Abdominal Transplantation program and the leader of the Pediatric Total Pancreatectomy and Islet Autotransplant (TP-IAT) program.

Dr. Chinnakotla joined the University of Minnesota faculty in 2010. Prior to joining the University of Minnesota faculty, he was a transplant surgeon at Baylor University Medical Center (2001-2010), where he served as the Assistant Director of Adult Transplant Surgery.

His clinical expertise includes liver transplantation (adult, pediatric and living donor), complex and high-risk liver transplants, and multi-organ transplants. He has performed over 1,000 abdominal organ transplants in both adults and children, including 652 liver transplants.

UMAR H. CHOUDRY, MD appointed Chief of Plastic and Reconstructive Surgery

Dr. Choudry will serve as the Chief of the Division of Plastic and Reconstructive Surgery in the Department of Surgery at the University of Minnesota. He will continue to serve as the Associate Program Director for the Plastic Surgery Fellowship program.

He previously served as the Chief of Plastic and Reconstructive Surgery at the Minneapolis Veterans Affairs Medical Center.

After completing a Plastic Surgery Fellowship at the Mayo Clinic, Rochester, MN, Dr. Choudry joined the Department of Surgery faculty as an Assistant Professor in 2006 and was promoted to Associate Professor in 2013.

Dr. Choudry’s clinical expertise includes breast surgery, cosmetic surgery, facial reconstruction, peripheral nerve surgery, oculoplastics, post-bariatric surgery body contouring and cancer reconstruction. His research interests focus on clinical and outcomes research, breast reconstruction, wounds, cancer reconstruction and microsurgery.

Dr. Choudry is an active member of the American Society of Plastic Surgeons, a member of the Plastic Surgery Research Council, and an Executive Council Member of the Minnesota Society of Plastic Surgeons. He serves on various educational and journal editorial subcommittees.

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Faculty, alumni and friends gathered at the annual University of Minnesota Reception at the 2015 American College of Surgeons Annual Clinical Congress. University of Minnesota faculty, fellows and residents presented the following papers:

**OWEN H. WANGENSTEEN**

**SURGICAL FORUM**

*Cyrus Jahansouz, MD*

Bariatric/Foregut I session: One-Week Comparison of Circulating Bile Duct Acids in Patients Following Roux-en-Y Gastric Bypass Versus Restricted Hypocaloric Diet.

*Kaustav Majumder, MB, BS*

Hepatobiliary and Pancreas I session: Preclinical Evaluation of New Therapies Using a Novel Mouse Model of Pancreatic Cancer which Recapitulates the Tumor Stromal and Immune Microenvironment.

*Reema Mallick, MD*


*Anasooya A. Abraham, MD, MS*

Bariatric/Foregut II session: Readmissions and Sleeve Leaks after Sleeve Gastrectomy for Weight Loss: An ACS-NSQIP Study.

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In the US and Netherlands, 30-45% of patients are not receiving care according to best evidence and 20-25% of patients receive care that is not needed or is potentially harmful, she noted. Cancer outcomes could be improved by 30% with optimum application of best evidence, including a 10% reduction in cancer mortality.

**She asked how surgeons can adopt change faster and how to change physician behavior toward adoption?** Continuing medical education (CME) is one of the ways many physicians learn new procedures and information, she acknowledged. “Unfortunately, there is strong evidence that traditional CME events do not lead to change in practice,” she cited. Information sessions aimed at the individual physician are not the best way to encourage adoption of best evidence and guidelines. Passive processes and lack of reinforcement strategies are additional barriers to mainstream adoption.

Some of the strategies that have been successful in knowledge translation education include interactive meetings, hands-on teaching and mentoring in the operating room.

Building on **Best Practice in General Surgery**, a University of Toronto Division of General Surgery initiative to standardize care based on best evidence across the University of Toronto affiliated hospitals, Dr. McLeod spoke about a 2-year project, known as Enhanced Recovery after Surgery (ERAS). The project aim is to develop guidelines to optimize outcomes after colorectal surgery. ERAS interventions supported by Level I evidence, when implemented together, decrease perioperative stress, post-operative pain and gut dysfunction—leading to decreased postoperative complications, accelerated recovery and shortened length of stay.

Results from an ERAS cohort study of 350 patients undergoing colorectal surgery showed that length of stay decreased from a median of 7 days to 5 days and that pre operative fast duration was shortened to 2 hours in 80% of patients; an impressive 91.5% of patients were satisfied with the care they received and felt they were discharged at the right time.

To engage physicians, there must be a consensus that the adoption of evidence into an intervention has clinical relevance and that there is a gap in patient care. Also, there needs to be a sense of ownership on the part of physicians and positive results must be seen, stressed Dr. McLeod.
Department of Surgery welcomes **DR. JANE HUI**

Dr. Hui has been appointed to the Division of Surgical Oncology as an Assistant Professor. She joins the Department of Surgery after having recently completed a Complex General Surgery Surgical Oncology Fellowship at Fox Chase Cancer Center and Temple University Philadelphia.

She completed her general surgery residency and received her medical degree from Queen’s University, Kingston, Ontario, Canada. She also received a Master’s of Science degree in Clinical Research for Health Professionals from Drexel University, Philadelphia.

Dr. Hui’s clinical focus will be on breast cancer, melanoma, and sarcoma. Her research interests include breast cancer, melanoma, sarcoma, and colorectal liver metastases.

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Department of Surgery welcomes **DR. VIKAS DUDEJA**

as a Varco Endowed Fellow and Masonic Scholar

Dr. Dudeja has been appointed an Assistant Professor in the Divisions of Surgical Oncology and Basic and Translational Research.

A 2013 graduate of the University of Minnesota surgical residency program, Dr. Dudeja returns as the first Varco Endowed Fellow and Masonic Scholar. He recently completed a Surgical Oncology and a Hepato-Pancreato-Biliary fellowship at Memorial Sloan Kettering Cancer Center in New York.

As a surgeon-scientist, Dr. Dudeja will use his expertise as a pancreatic surgeon to spearhead research into the pathophysiology and treatment of pancreatic cancer and how to devise novel therapies against it.

Dr. Dudeja’s clinical interests include pancreatic cancer, intraductal papillary mucinous neoplasms, primary liver tumors, pancreatic cysts, liver metastasis, and benign and malignant biliary disease.

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Department of Surgery welcomes **DR. SUSAN SHAFII**

Dr. Shafii has been appointed to the Division of Vascular Surgery as an Assistant Professor. She received her MD at the University of South Florida College of Medicine in Tampa and remained there to complete her general surgery residency. She then went on to complete a vascular surgery fellowship at the Cleveland Clinic. Her clinical interests are aortic disease, limb salvage, and venous disease. Her research interests include limb salvage, aortic aneurysms, chronic aortic dissections with aneurysmal degeneration and novel techniques for aneurysmal repair. She spent the past 2 years at Emory University, where she expanded the Grady Memorial Hospital vascular surgery program to include a new vascular lab.

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**Sydne L. Muratore, MD**

Hepatobiliary and Pancreas II session: Total Pancreatectomy and Islet Autotransplant after Roux-en-Y Gastric Bypass or Partial Gastrectomy.

**Rohini Khatri Olson, MD**

Colon and Rectal Surgery IV session: Hydromorphone Exposure Exacerbates Inflammatory Bowel Disease in a Mouse Model.

**Elliot Arsoniadis, MD and John Spratt, MD**

presided over Surgical Jeopardy. Twenty-four teams of two vied to score the most points in a game of knowledge.

**PANEL SESSION**

**Sayeed Ikramuddin, MD, FACS**

presented Metabolic Surgery: Understanding a Surgical Solution to an Epidemic – Short- and Long-Term Data Supporting the Role of Surgery for Diabetes.

**SURGICAL SKILLS COURSE**

**Archana Ramaswamy, MD, FACS**

presented Laparoscopic Inguinal and Ventral Hernia Repair, Oops, What Do I Do Now?

**MEET THE EXPERT SESSION**

**Genevieve B. Melton-Meaux, MD, PhD, FACS**

presented Safe and Efficient Use of Electronic Health Records in the Surgical Practice.
Save the Date

The Medical School and Department of Surgery present the eighth annual David A. Rothenberger Lecture:

David D. Murphy
Interim CEO Fairview Health Services and President and CEO Red Wing Shoe Company, Inc. speaks on

"Healthcare leadership… advice I learned from a Cow"

4:30 p.m. Wednesday, December 9, 2015
Coffman Memorial Union Theater
300 Washington Avenue SE, Minneapolis MN 55455
Free and open to the public; reception follows.

Join us as Dean Brooks Jackson introduces David Murphy who will speak on health care leadership in a changing health care world. Mr. Murphy will share his vision to advance an integrated academic health system for the benefit of all Minnesotans from his perspective as the interim CEO of Fairview Health Services and President and CEO of Red Wing Shoe Company, Inc.