

# Department of Surgery NEWS

FALL/WINTER 2011-2012

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## CHAIR'S NOTE | RICHARD B. FREEMAN JR., MD

**Richard B. Freeman Jr., MD**

I am delighted to introduce you to the first Dartmouth-Hitchcock Department of Surgery semiannual newsletter. This is a new effort we are undertaking to communicate to our current and former trainees and faculty about all the wonderful things Dartmouth Surgery is doing these days. Twice every year, we will highlight one of our training programs, one or more of our trainees, our students and DMS activities, research efforts, our academic calendar and anything else in which we think you might be

interested. In addition, we want to hear from you! Let us know where you are, what you are doing, what your practice is like and anything else you think your colleagues might be interested in learning about you.

The ultimate goal of this communication is to build a community around Dartmouth Surgery. We hope this can serve as a way for Dartmouth Surgery's faculty and trainees to network, find and post job opportunities, develop research or teaching collaborations, and otherwise raise awareness to the presence of Dartmouth Surgery in the world. Let us know what you think and send us your ideas for topics you would like to see in future newsletters.



**RESIDENCY PROGRAM HIGHLIGHT UROLOGY**

BY E. ANN GORMLEY, MD  
RESIDENCY PROGRAM DIRECTOR

The Urology residency program at DHMC was started in 1949 with one resident per year in a two-year program. Since then, we have undergone a number of expansions. We now match two residents per year for four years of urology training preceded by one year of general surgery. Our current residents graduated from a variety of medical schools, both foreign and domestic, including Duke, Medical College of Virginia, and the Universities of Washington, Connecticut, Minnesota, Indiana and Vermont. Our two interns, **Erik Pattison** and **Larry Dagrosa**, who will start their urology training in July. They will be the first residents in our newest format of one year of general surgery followed by four years of urology.

During the last year, our residents have completed a number of research projects and have been very successful at having abstracts accepted at regional and national meetings. The residents are also expanding their CVs with publications on their research presentations. We had a very large contingent of residents, faculty and many former residents attend the joint meeting of the New England and Mid Atlantic Sections in Orlando, Nov 2-6, 2011. Residents were first authors on the following presentations:

**Johann Ingimarsson:** The Impact of Tumor Size on the Rate of Synchronous Metastasis and Survival in Renal Cell Carcinoma Patients. – A Populations Based Study

**Ben Herrick:** The History of the Urology Residency at Dartmouth-Hitchcock

**Elizabeth Johnson:** Northern New England Renal Trauma: How it Differs from the Big City. - Renal Trauma in Children: Mechanism of Injury and Outcomes at a Rural Northern New England Level I Trauma Center

**Levi Deters:** Ureteral vs. Renal Ureteroscopic Laser Lithotripsy- Are They Really Equal?

**Cullen Jumper:** Rapid Ambulatory Pathway Laser Prostatectomy is Safe. Results Within the Global Period

**Einar Sverrisson:** Clinicopathological Correlation of Gli1 Expression in a Population of Patients with Newly Diagnosed Bladder Cancer

**Drs. Deter** and **Jumper** successfully completed manuscripts of their research which qualified them to compete in the residents' prize essay contest

**Drs. Vernon Pais** and **Dan Herz** from our faculty at DHMC participated in debates in their relative subspecialties. Two of our faculty members from Concord, **Drs. Veronica Triacia** and **Ron Yap**, also presented.

One of our former residents, **Dr. Mark Edney**, who finished in 2004 and is now in private practice in Maryland, delivered the Health Policy Update at the Joint meeting. Mark was recently awarded the AUA Gallagher Health Policy Scholar for 2012 which is a program designed to prepare young urologists to fill leadership roles in health policy. Dr. Elizabeth Johnson also presented her pediatric trauma research during the Urology Program at the American Academy of Pediatrics in Boston this past October.

As the program for the American Urologic Association Annual Meeting in May is finalized, Dartmouth Urology will be well represented. **Drs. Levi Deters, Elizabeth Johnson** and **Ben Herrick** will be presenting their research in a podium or poster sessions. Faculty members will be moderating sessions and I will present the Overactive Bladder Guidelines in a Plenary Session.



**Levi Deters, MD**



**Elizabeth Johnson, MD**

**RESIDENCY PROGRAM HIGHLIGHT UROLOGY CONTINUED**

The Section of Urology is very involved in medical student education. In addition to supervising sub-interns, our chief residents, **Drs. Einar Sverrisson** and **Peter Jones**, are teaching the GU physical exam course. Many of the faculty and residents are scheduled to lecture or lead group discussions on a variety of urology topics in May during the Human Reproduction block.

**Amanda Charbono** is our new residency coordinator who joined our Section in November. Amanda comes to us from Radiology where she was the associate coordinator. She will be attending the ACGME meeting in March in preparation for our review. Amanda joined us part way through the interview season and did a wonderful job ensuring that the remaining interview day and our match meeting went well.

I have been the program director of the Urology residency since 2001. We had successful ACGME reviews in 2001 and 2007. I participate in urology education on a national level as the secretary/treasurer of the Society of Urologic Chairpersons and Program Directors and as the Editor of the American Urologic Association (AUA)/American Board of Urology (ABU) Examination Committee. I am also an oral board examiner for the ABU and am on the AUA Medical Student Task Force and the AUA Core Curriculum Committee. I was very grateful when the Graduate Medical Education Committee at DHMC nominated me for the ACGME Courage to Teach Award for 2011.

The next challenge for the Urology Residency will be our upcoming ACGME review. Amanda and I are beginning to prepare for this, which is tentatively scheduled for December 2012.

Our resident graduation will be held in June where we'll celebrate the successful completion of our program by our chief residents, **Drs. Einar Sverrisson** and **Peter Jones**. Peter is going into private practice in Pocatello, Idaho and Einar will be moving to Tampa to start a urologic oncology fellowship. Both Peter and Einar will be finishing our program as accomplished urologic surgeons and will be ready to sit Part I of their ABU exam in July.

**FEATURED RESIDENTS TATE MADDOX, MD OTOLARYNGOLOGY**


**Dr. Tate Maddox** has had an exciting and unique residency experience – he is Dartmouth-Hitchcock's first Otolaryngology resident.

Dr. Maddox graduated from East Carolina Brody School of Medicine in 2006, and completed his general surgery internship here at DHMC in 2007. During his internship, he developed a strong interest in the field of Otolaryngology, and so decided to serve as a clinical research assistant with our Section during the 2007-2008 academic year. At that time, we were in the process of developing our new Otolaryngology residency program. When

our first PGY-2 position opened up in July 2008, Dr. Maddox joined the Section as our first resident.

Dr. Maddox has been instrumental in the on-going development of our training program. His open, warm and personable nature has helped him develop relationships with just about everyone in the facility at DHMC (not an exaggeration). Early in his training he was able to adapt to the stresses of being pulled in several directions at once with limited assistance, and without the guidance of a chief resident above him. With each year, as the residency program grew, Dr. Maddox helped maintain a collegial, comfortable yet professional atmosphere between residents and faculty. As with any new training program, frequent on-going assessment and modification was necessary. Based on his experience, Dr. Maddox offered suggestions on how to improve the educational program; suggestions that have been implemented for the residents following in his footsteps.

Despite the additional pressure and challenges of being our first resident, he has successfully followed through on his research projects, and will graduate with five manuscripts accepted for publication in peer-reviewed journals. He pursued additional leadership activities, as well, and served on the Graduate Medical Education Internal Review Committee for two years. On a more personal note, Dr. Maddox and his girlfriend tied the knot last summer; following graduation this June, they will be moving to Virginia where he will pursue a career as a general Otolaryngologist in private practice.

We're very proud, and very lucky, to have Dr. Maddox as our first resident in Otolaryngology here at Dartmouth-Hitchcock.

**FEATURED RESIDENTS**
**MICHAEL VAN VLIET, MD**

PLASTIC SURGERY



Our current chief resident, **Michael Van Vliet, MD**, is benefiting from the diversity and structure of this program. Part of our training program includes acute burn care training which is done at USC burn center in Los Angeles. This was a career changing experience for Dr Van Vliet who has decided to do a fellowship in burn care at that institution. This will make him uniquely trained not only as a plastic surgeon with burn training, but he will have a critical

care certification as well. This combination is rare and in the care of burn patients he will be able to provide comprehensive care. In his research projects, he has been able to start to evaluate the cost effectiveness of some of the care we provide as surgeons. This understanding of the healthcare dollar and system is essential for physicians and he is a leader in that regard. Dr Van Vliet has performed at an outstanding level during his training gaining the respect of his peers and co-workers. Additionally, our Section under leadership has evolved as a true team. We meet monthly to evaluate our workflow and to get ideas from all including the administrative, nursing and provider standpoint. This collaborative effort makes improvement projects truly successful. When undertaking improvement projects, the team is deliberately made up of individuals in different roles to get the best possible solution to provide the best patient care. For the residents to be in a program that integrates all in the healthcare team prepares them to do this in their own practice. These characteristics of the plastic surgery program make it truly well rounded and diverse, offering the best training possible all the while looking for opportunities to be nimble and improve.

**GRANT, CLINICAL TRIALS & RESEARCH NEWS**
**Cardiothoracic Surgery**

8/23/2011: **Cherie Erkmen, MD** – An Analysis of the Management and Microbiology of Thoracic Empyemas

**Dermatology**

**Kathryn Zug, MD** – Genetic Predisposition to Allergic Contact Dermatitis. Funding through Center for Disease Control (CDC) and National Institute of Occupational Safety and Health (NIOSH)

**General Surgery**

8/19/2011: **Kerrington Smith, MD** – Dartmouth Hitchcock Medical Center Pancreas Cancer Database

7/7/2011: **Kari Rosenkranz, MD** – Delayed Complications of Mammosite Partial Breast Irradiation

**Neurosurgery**

11/2/2011: **Roberts, MD** – Frameless Robotic Stereotactic Brain Biopsy: Feasibility, Diagnostic Yield and Safety

11/4/2011: **David Roberts, MD** – Do Occipitotemporal Hippocampal Depth Electrodes Have A Role in Intracranial Epilepsy Monitoring?

12/6/2011: **David Roberts, MD** – Subdural Interhemispheric Grid Electrodes for Intracranial Epilepsy Monitoring: Feasibility, Safety and Utility

10/24/2011: **Kimon Bekelis, MD** – Cerebral Aneurysm Inflammation: Prospective Correlation of the Preoperative Use of 18F-FDG PET/CT and Ultrasmall Superparamagnetic Iron Oxide Particles (USPIOs) Assisted MRI with Postoperative Histologic Results in Human Subjects

## GRANT, CLINICAL TRIALS &amp; RESEARCH NEWS

**Ophthalmology**

12/2/2011: **Susan Pepin, MD** – Identifying Current Treatment Options and Outcomes for Patients with Idiopathic Intracranial Hypertension (IIH)

12/22/2011: **Michael Zegans, MD** - Standardization of Uveitis Nomenclature (SUN)

**Michael Zegans, MD** – Standardization of Uveitis Nomenclature (SUN): NIH funded multicenter study of criteria used to diagnose uveitis with the goal of developing a more coherent criteria. Coordinated by Dartmouth alumnus Doub Jabs, MBA who is the Chairman at Mt Sinai Hospital in NYC. We received IRB approval for DHMC as a study site in 12/2011

**Michael Zegans, MD** – Mycotic Ulcer Treatment Trial (MUTT): NIH funded clinical study including UCSF, Aravind Eye Hospital and Dartmouth, to study whether topical natamycin or voriconazole is superior in treating fungal corneal infections

**Michael Zegans, MD** – Polysorbate 80 as an inhibitor of *Pseudomonas aeruginosa* biofilms: Laboratory investigation into the mechanism of PS80's ability to inhibit bacterial biofilms

**Otolaryngology**

**Unice Chen, MD** – Center for Cancer Nanotechnology Excellence – Modulation of Hypoxia. Sponsored by the National Cancer Institute

**James Saunders, MD** – Genetic Hearing Loss. Sponsored by the American Academy of Otolaryngology

**Plastic Surgery**

9/28/2011: **Dale Collins Vidal, MD** – Quality of Life and Patient-Reported Outcomes of Reconstruction in Breast Cancer Survivors

8/5/2011: **Dale Collins Vidal, MD** – Mastectomy Reconstruction Outcomes Consortium (MROC) Study

**Mitchell Stotland, MD** – received approval from KLS Martin for funding of animal study exploring a novel approach he proposed to total ear reconstruction (pilot study scheduled to commence in April 2012)

**Transplantation Surgery**

8/19/2011: **Richard Freeman Jr., MD** – Surgical Outcomes Assessment Program Database Version 2

**Vascular Surgery**

7/27/2011: **Richard Powell, MD** – GORE Flow Reversal System Extension Study for the Ongoing Collection of Patient Outcomes

10/10/2011: **Mark Fillinger, MD** – Zenith Fenestrated AAA Endovascular Graft Clinical Study

10/11/2011: **Mark Fillinger, MD** – Post Approval Study Evaluating the Long Term Safety and Effectiveness of the Endurant Stent Graft System (ENGAGE PAS)

**Mary Jo Mulligan-Kehoe, Ph.D.** – Angiogenesis Inhibitor. Dr. Mulligan-Kehoe discovered an angiogenesis inhibitor, rPA-I23, which is a truncated isoform of plasminogen activator inhibitor-1. Her studies are focused on the effects of rPAI23 on the vasa vasorum in hypercholesterolemic mice

## RESIDENT INTERVIEWS

**Dermatology** had 24 candidates interview, 10 faculty members participated in the interview process. One candidate traveled from Tel Aviv, Israel.

**General Surgery** had 58 candidates interview, 23 faculty members participated in the interview process. One candidate traveled from Hawaii.

**Neurosurgery** had 34 candidates interview, 6 faculty members participated in the interview process. One candidate traveled from Australia.

**Otolaryngology** had 20 candidates interview, 7 faculty members and 5 PGY2 residents participated in the interview process. One candidate traveled from California.

**Plastic Surgery** had 17 candidates interview, 6 faculty members and 3 PL-3 residents participated in the interview process. One candidate traveled from Tennessee.

**Urology** had 34 candidates interview, 7 faculty members participated in the interview process. One candidate traveled from Washington State.

**Vascular Surgery** had 18 candidates interview, 9 faculty members participated in the interview process. One traveled from the University of Washington.

## AWARDS &amp; PERSONAL ACCOMPLISHMENTS

**Philip Goodney, MD & David H. Stone, MD:** Circulation, with the Harnes Award support, was featured first in their Aortic Topic Review. This Review represents a series of manuscripts, selected by Circulation editors, as the most important and most read manuscripts in the topic of Aortic Disease in 2010 and 2011

**James P Habit, MD, James L Campbell, JR., MD, M. Shane Chapman, MD, James G.H. Dinulos, MD, Kathryn A. Zug, MD:** Skin Disease, Diagnosis & Treatment, Third edition. Which is now Global. It is written in Chinese, French, Spanish, Portuguese, Polish, and now a printing is underway in Farsi, also available on the Kindle. 5 star award from Doody's listing and review

**Sheila Keating, RN:** Nurse Manager in Otolaryngology completed her Bachelor's RN degree in December, 2011

**Aelayna Meyer, MD:** Women's Dermatology Society Mentorship Award for Mohs Surgery, with Nathaniel Jellinek, MD in Providence, Rhode Island

**Parisa Ravanfar, MD:** Women's Dermatology Society Mentorship Award for Laser Surgery, with Tina Alster, MD in Washington, DC

**Barbara Rieseberg,** Practice Manager in Plastic Surgery & Maxillofacial Surgery: received her Green Belt Certification from Corning's DMAIC process improvement course

**Laura Shively, MD:** Laura has been instrumental in developing and fine-tuning the "Head-Neck Care Pathway" for the Section of Otolaryngology. This care pathway received recognition from the Department of Surgery and was awarded the first prize of \$25,000 in December 2011

**Donna Seiffert, RN** and Nursing Manager in Plastic Surgery: received her Bachelors of Science in Nursing

**Mitchell Stotland, MD:** chaired the 2011 Tanzer Plastic Surgery Symposium

**Dale Collins Vidal, MD:** was featured in Medical News & Perspectives, Jama, Patient-Centered Care Model Demands Better Physician-Patient Communication in February 1, 2012

NEW FACULTY

Dermatology



Dorothea Torti, MD



Faramarz Samie, MD

Plastic Surgery



Gary Freed, MD



John Nigriny, MD

Otolaryngology



Ryan McCool, MD



Emily Ridgway, MD



## CALENDAR OF EVENTS

## Department of Surgery Grand Rounds

4/4/12	Dept of Surg	<b>David R. Flum, MD</b> – University of Washington
4/11/12	General Surgery	<b>Bruce G. Wolff, MD</b> – Mayo Clinic
4/25/12	Otolaryngology	<b>Joseph A. Paydarfar, MD</b> – DHMC
5/23/12	General Surgery	<b>Christopher P. Landrigan, MD, MPH</b>
5/30/12	Vascular Surgery	<b>Julie Freischlag, MD</b> – Johns Hopkins
6/13/12	Ophthalmology	<b>Donald Miller, MD</b> – DHMC
6/20/12	Otolaryngology	<b>Louise Davies, MD, MS</b> – DHMC/VAMC
7/6/12	Dept of Surgery	<b>Piroska Kopar, MD</b>
7/13/12	Dept of Surgery	<b>Michael Tarnoff, MD</b> – Tufts Medical Center

## Save the Date:

**General Surgery Chief Resident Graduation Dinner**

Date: June 1, 2012

Time: 6:00pm

Location: The Quechee Club, Quechee, VT

Contact Karen Lee, Residency Program Coordinator for ticket information

Email: Karen.G.Lee@hitchcock.org

Phone: (603) 650-7692

**Regional Meeting**

Date: April 11, 2012

Time: 3:00 – 5:00pm

Location: Dartmouth-Hitchcock Medical Center, Auditorium G

**Department of Surgery Forum**

Date: April 24, 2012

Time: 5:30 – 6:30pm

Location: Dartmouth-Hitchcock Medical Center, Auditorium E

## ALUMNI NEWS

We are interested in what you are up to now and any individual accomplishments. Please send to Jo-Ann.Dugdale@hitchcock.org for future newsletters.