Spotlight On: David M. Mahvi, MD

After spending 19 years rising through the ranks at the University of Wisconsin’s Department of Surgery, Dr. David M. Mahvi, Professor and Chief of Surgical Oncology at UW, was successfully recruited to Northwestern University Feinberg School of Medicine. The Department of Surgery is proud to announce his addition to our institution as the Chief of the Division of Gastrointestinal and Oncologic Surgery, Vice-Chair of Clinical Affairs, and as The James R. Hines, MD Professor of Surgery nominee. The Hines Professorship of Surgery was established in 1994.

Having been named in “The Best Doctors in America” and “The Best Doctors in Madison”, Dr. Mahvi is surprisingly humble, coming to Northwestern University with an earnest desire to build on the strengths of the division, explore educational avenues, and investigate innovative applications for biomedical device development.

One of the highlights of coming to Northwestern has been that “the hospital and faculty have the same basic vision,” said Mahvi, “and it seems like an ideal time to push forward with development.”

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Questions / Suggestions/ Requests to be added to distribution list. Please send an email to: surgerydept@nmh.org or contact 312.926.4138

The table on the last page of this newsletter is a reference for all future newsletters. If you would like the Department of Surgery to include your recent presentation/article/book chapter, upcoming events, etc. in the next issue, please send the information (in CV-format) to surgerydept@nmh.org by the due date listed in the table (located on the last page of this newsletter).

Continued on pg. 3
Greetings to all of our friends in cyberspace! Time marches on and the days are becoming shorter, which means it's time for football and our semi-annual newsletter. It's been a busy six months since the last missive. It is my job to give the 20,000 foot view of developments, leaving most details up to the Division Chiefs.

Dr. David Mahvi joined our group on July first (see Spotlight article). He is the Chief of the reconstituted Division of Gastrointestinal and Oncologic Surgery (joining the previously separate divisions of Gastrointestinal/Endocrine and Surgical Oncology). David has a strong clinical background in surgery for benign and malignant hepatobiliary and gastrointestinal diseases. He is a surgical innovator and holds several patents for tissue ablation devices. David is well-known nationally and internationally, and is the President-Elect of the Society for Surgery of the Alimentary Tract. He is an excellent leader and mentor and will be a great addition to the Department. One of his new recruits, Dr. Anne-Marie Boller, came on-board in mid-August. After finishing her general surgery residency at Hennepin County in Minneapolis, she first completed a colorectal fellowship at the Mayo Clinic, followed by a fellowship in pelvic floor surgery at the University of Minnesota. She will team up with Dr. Amy Halverson as a colorectal surgeon and be a major contributor to a newly-developed center for Women’s Pelvic Health at NMH.

Dr. Michael West left the Department in August to become a Vice-Chair at UCSF and Chief of Surgery at San Francisco General Hospital. Dr. West and his team have markedly upgraded the service provided to trauma victims and critically ill surgical patients since his arrival in 2001. Dr. Michael Shapiro has agreed to act as Interim Chief of the Division of Trauma/Critical Care while a national search is underway for a permanent division chief. We are also actively searching for a Chief of Thoracic Surgery; several excellent candidates have been identified, and we expect to bring on a visionary surgeon who can take the thoracic surgery program to the next level.

With all of these changes and additions to the faculty, one might wonder where additional office space would come from on the NMH campus. As it turns out, the surgeons and staff who have been housed on the 10th floor of the Galter Pavilion will be moving in the next month or two. In order to increase clinical capacity, NMH is preparing to convert floors nine and ten in Galter (previously primarily office space) into medical/surgical beds. The surgeons and staff from the Divisions of Gastrointestinal/Oncologic Surgery, Trauma/Critical Care, Vascular and Thoracic Surgery will be moving into the 6th floor of the 676 St. Clair building (west across St. Clair St. from the Galter Pavilion). The floor, which increases departmental office space by nearly 30%, is nearing completion. The space includes a new departmental conference room/videoconferencing facility that is approximately 40% larger than the current one on Galter 10. The Galter tower and 676 building will be connected by a new bridge crossing St. Clair Street that is due to be completed by mid-autumn.

Another signal change that recently occurred was the move to a new inpatient facility at the Jesse Brown Veterans Administration Medical Center. This state-of-the-art hospital has eight new operating rooms equipped with booms, monitors and advanced minimally invasive surgical equipment. Dr. Jay Prystowsky, a long-time member of the Department of Surgery and the Chief of Surgery at Jesse Brown, has successfully navigated the transition to the new facility.

Faculty members were key to the successful inaugural year of the ‘NUvention’ program. This is a program meant to stimulate medical innovation. It is a joint program among the NU schools of medicine, law, bioengineering, and management. Small teams including members of each of the schools are partnered with medical school faculty members to identify clinical needs. The teams then work on novel approaches to the clinical problems and work towards innovative solutions. The final product of the course work is a prototype with intellectual property issues worked out by the law students, business plans developed by the management students, and prototyping by the bioengineering students. This unique blend of team expertise sets this medical innovation program apart from others currently existent in the U.S. Dr. Patrick McCarthy, Chief of Cardiothoracic Surgery, was one of the organizers and primary faculty members. Students worked with cardiac, vascular and general surgery faculty during this year’s course. It is very likely that several companies or products will be spun off as a result of the first year’s efforts. The second year of the
Message from the Chair continued....

NUvention course is totally subscribed and will kick off in September.

Many have heard about the recent disaffiliation of the Evanston Northwestern Hospital from Northwestern University. The relationship between the two organizations had existed in one form or another for more than 75 years. Due to issues involving academic structure and control, it was mutually decided to part ways. This disaffiliation, scheduled to occur officially next summer, will particularly impact the general surgery residency. At any one time, approximately 1/3 of the surgery residents are in rotations at ENH. The faculty members at ENH are nearly uniformly alumni of the NU medical school and/or surgery residency. Many are very involved in the educational structure of our residency and have received Excellence in Teaching awards. Therefore, it is with sadness that we will redeploy our general surgery residents away from ENH as of July 1, 2009. Our thanks are extended to the ENH faculty for all of their valuable input to the general surgery residency program. The Department of Surgery and the NU Feinberg School of Medicine are currently in discussions with other regional medical centers to identify alternative high-quality educational venues for our surgical trainees.

The Department of Surgery recently underwent a comprehensive review by an outside consulting firm. The review included an analysis of structure, function and finances. As a result, organizational changes will be forthcoming, including streamlining the administrative structure and improving clinical efficiencies. We will highlight these changes in the next edition of the newsletter.

The Northwestern University Department of Surgery continues to pursue its vision of ‘Safer Surgery Today, Better Surgery Tomorrow’. We are very involved in the quality programs of NMH, simulated technical skills training in the N-CASE laboratory, and pursuing innovative solutions to surgical problems. We are engaged in the campus-wide effort to develop a truly great academic medical center. Our faculty is strong and committed to the mission, and we have robust partners in NMH, NMFF and NU. Stay tuned as the new recruits hit their stride and NU surgery rises to the next level!

Respectfully submitted,
Nathaniel J. Soper, M.D.

Spotlight article continued....

Principal Investigator for a NIH “Surgical Oncology Research Training Program (T32)” Grant at the University of Wisconsin. Although the grant cannot be transferred between institutions, he is eager to seek similar funding here. Ultimately, Mahvi plans to develop a Northwestern GI Surgery/ GI Medicine (T32) Training Grant as a template for expanding the opportunities for surgical residents to do research.

Dr. Mahvi’s interest in research does not end there. Rather, he plans to continue to conduct his own research. Already a national and international authority in the field of hepatobiliary cancer, he plans to collaborate with the NUvention program to target the facilitation of biomedical device development in the treatment of liver cancer. Dr. Mahvi has already been awarded 5 patents and is now in the process of bringing several devices to the market. He noted that “one of the advantages of Northwestern is the NUvention program; hopefully this will be a way for us to commercialize [patents] and other projects.”

Mahvi’s desire for an integrated environment consisting of clinical care, education, and research development fit perfectly with Northwestern’s vision. According to Nathaniel J. Soper, MD, Chair of the Department of Surgery, he “is at the forefront of development for ... his work in pancreatic, liver, and hepatobiliary diseases, specifically those involving carcinoma...[and] we are very excited to have Dr. Mahvi join the Department of Surgery.”

Dr. Mahvi’s national commitments include being a Director of the American Board of Surgeons and the president-elect of the Society for Surgery of the Alimentary Tract (SSAT).
## Department of Surgery Proposals Submitted 3/1/08-5/31/08

<table>
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<tr>
<th>Division</th>
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<th>Proposed Grant Title</th>
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<th>Proposed End Date</th>
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<td>The Regulation of Dermal Fibrotic Response and Scarring: Basic Mechanisms</td>
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<td>Hyper-Reinnervation to Improve Myoelectric Prosthesis to Control in Shoulder Disarticulation</td>
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<td>Vascular</td>
<td>Kibbe</td>
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<td>GI/Endo</td>
<td>Pugh</td>
<td>Quantification of Human Touch: The use of sensors and microsensor arrays to explore an unmeasured sensory system</td>
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<td>EMT/BSSE: Hierarchical Representation and Simulation of Modular Cellular Systems</td>
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**Total Funding:** $7,181,730.00

## Department of Surgery newly funded projects 3/1/08-5/31/08

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<th>End Date</th>
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**Total Funding:** $1,027,750
Research Update

The Department of Surgery research enterprise continues to grow as indicated by its successful receipt of numerous major research awards. The following is a list of new awards received by the Department of Surgery faculty during the time period March – May 2008. Thomas Mustoe, MD. “AFIRM: Therapy to limit injury progression, attenuate inflammation, prevent infection, and promote non scar healing after burns and severe battle trauma”. Sponsored by the Department of Defense, 4/1/08 – 8/31/13. Direct costs $612,500.


In addition, Melissa Hogg, PGY-5, Physician Scientist Trainee, in Dr. Melina Kibbe’s laboratory, received one of the intramural Pioneer Awards from the Institute for Women’s Health Research (IWHR) for $25,000 for her research into sex and gender differences with nitric oxide based therapies. During this same time period the faculty also submitted 11 proposals amounting to more than $7.1 million to federal ($6.1 million) and non-federal ($1.0 million) sponsors. The following divisions have submitted proposals: Plastics (3), Transplant (2), Vascular (2), Trauma/Critical Care (2), General and Surgical Oncology (2).

Physician Scientist Training Program in Surgery. The Physician Scientist Training Program is designed to enhance the development of surgical residents into academic clinician-investigators. The following PGY-4 residents have begun their 2-year full time commitment to surgical research July 1, 2008: Dr. Colleen Jay's research topic entails measurement of quality outcomes in the field of solid organ transplantation, entitled, "Healthcare Communication and Quality of Life Outcomes in Organ Transplant Donors and Recipients”. Dr. Jonathan Fryer will be mentoring the position, funded by the T-32 transplant training grant.

Dr. Janette Holub will be studying with Dr. Mary Beth Madonna (CMH) and examining apoptotic pathways in neuroblastoma to suppress growth and improve prognosis.

Dr. Ashley Vavra will be in Dr. Melina Kibbe’s laboratory. She will be developing nitric oxide-eluting therapies to inhibit the development of neointimal hyperplasia following vascular interventions, including both open and endovascular therapies. Specifically, the project will focus on developing a spontaneous nitric oxide-releasing prosthetic vascular graft.

Due to the pending installation of the new Peoplesoft financial software the Northwestern University budget process was cut short by one month. Thank you to all the Division Administrators and their financial staff for successfully completing the FY09 budget planning process and a very special thanks to Julie Schlesinger and Rachel Rufer for all the time and effort they put forth during the process. It was through their hard work and dedication that the budgets were all turned in on time.

Now that the FY08 budget process is over and FY09 is fast approaching, training has recently begun on Northwestern University’s new financial software. Universities across the nation are moving to a standardized accounting method, all funds budgeting. As a result the CUFFS account system has now become obsolete and we will move to a new system effective December 1st. With this transition at hand, there will be a learning curve for every financial person in the university. But, once everyone is trained and has a chance to delve into the new system we will see that the change is for the better.

Along with the new Peoplesoft software the university will be implementing a new purchasing gateway, iBuyNU and access to grant info with InfoEd and Cognos.

iBuyNU will streamline the ordering process by having pre-negotiated prices with all the university’s preferred vendors. InfoEd will give real-time information on the status of a grant in the pre and post award stages including pdf of the proposal and budget information. Cognos is a new reporting tool to gain more specific information on awards such as how much effort a PI might have on a particular award.

Please make sure your NU financial staff has signed up for the training sessions on the new system: http://cafe.northwestern.edu/training/.
Surgical Education Update

Surgery Clerkship News:
The Surgery clerkship was rated “Excellent” or “Good” by 85.1% of students according to data from the 2007 Medical School Graduation Questionnaire.

Surgery Residency News:
The 2008 Edelstone-Bendix graduation dinner was held on Friday, June 13th, 2008 at Spiaggia. Approximately 200 of the Department of Surgery’s faculty, fellows and residents attended the annual dinner which honors the Department’s graduating fellows and residents. The dinner followed the Edelstone-Bendix Residents’ Day which featured a number of presentations by residents and fellows, showcasing their outstanding work in both clinical and basic science research. This year’s guest lecturer was David A. Geller, M.D., Richard L. Simmons Professor of Surgery and Co-Director of the UPMC Liver Cancer Center at the University of Pittsburgh School of Medicine.

Guests of honor at the dinner were the following graduates:

Dental: Dr. Julie Waters  
Dr. Marcie Bormann
Breast Surgery: Dr. Honnie Bermas  
Dr. Amrit Mangat
CT Surgery: Dr. Daren Danielson  
Vasc. Surgery: Dr. Katherine Brown  
Dr. Gale Tang
Ped. Surgery: Dr. Erin Rowell  
TX. Surgery: Dr. Javier Chapocnick-Friedmann  
Dr. Alexander Toledo
Plastic Surgery: Dr. Zol Kryger  
Dr. Mark Sisco

MIS: Dr. Khashayar Vaziri  
General Surgery: Dr. Bill Chiu  
Dr. Saurabh Khandelwal  
Dr. Alicia Growney  
Dr. Julie McGill  
Dr. Darius Hollings

A number of awards were given to both faculty and residents for their outstanding contributions, and we congratulate the recipients for their hard work and dedication: Muneeva Kapadia, MD, Robroy Maclver, MD & Laleh Melstrom, MD were this year’s Kanavel Surgical Scholar Awardees. This award is bestowed upon surgical residents who have completed at least 2 years of laboratory study and for exceptional accomplishments and meritorious productivity. Along with presenting their research earlier in the day, they were also awarded a special hand-designed pin and monetary award.

There were three open competitions for research, all of whom presented their research and received monetary awards for winning their respective competitions. The winners were as follows:

Resident Clinical Research Competition: Karl Bilimoria, MD  
Res. Basic Science Research Competition: Daniel Popowich, MD  
Fellow Open Competition: Honnie Bermas, MD

The Chief Resident Presentation award is presented to the two 2007-2008 Administrative Chief residents for their leadership and commitment to the general surgery residents. Drs. Julie McGill and Alicia Growney received engraved crystal awards in recognition of their work and dedication.
Surgical Education Update continued...

The Harold L. Method Award is presented for outstanding performance as a resident for surgical skill, empathy and understanding towards patients and for dedication to their care. The 2008 resident recipient of the Method Award, which is accompanied by a monetary award, was Julie McGill, MD.

Finally, the Chief Residents’ Award is a new award, created by the 2007-08 graduating general surgery residents. It is awarded to the attending who is judged by the graduating chief surgery residents to be the most dedicated to resident teaching and education, both in and out of the operating room, and who serves as a great mentor and resident advocate. The 2008 winner of this award was Ervin “Woody” Denham, III, MD. The chiefs presented Dr. Denham with an engraved crystal apple award in recognition of his dedication to resident education.

New Residency Coordinator

In April, the Surgical Education division welcomed a new member to its team. Noreen Corcoran is the new Housestaff Coordinator, replacing Kristen Ward Hirsch. Noreen held the position of Housestaff Coordinator for the University of Pittsburgh’s Department of Surgery for eight years and brings a wealth of experience to the department.

Teaching Effectiveness Program

The 2008 Teaching Effectiveness Program will begin on July 10th. Led by Dr. DaRosa, this program enables participants to apply adult learning theory to the design and delivery of formal and clinical instruction, give CPR to tired lectures or routine clinic teaching, and help achieve better balance of patient care and teaching responsibilities. This year’s participants will be Drs. Caicedo, Halverson, Herz, Issa, Karakovic, Shah, Skaro, and Wayne.

Visiting Faculty Member

Dr. Tony Jefferies, Associate Post Graduate Dean, Oxford interviewed members of the Surgical Education Division as part of a 3 month study on the process of postgraduate surgical education in America, Canada, Australia & New Zealand. His report was published in the BMJ (British Medical Journal) and can be accessed here http://bmj.bmjournals.com/cgi/content/full/334/7607/1302

New Skills Laboratory Curriculum for First Year Residents

A new 14 module skills laboratory curriculum has been implemented for first year general and plastic surgery residents. Teaching procedural skills in the lab as an adjunct to the OR is important on a number of fronts. The patient comes first in the OR and there are times when meaningful teaching and learning is not feasible. There is often a lack of time to teach in the OR, or even to deconstruct procedures into tasks and skills for the learner. The OR is not the right place to rehearse prerequisite skills due to the cost and patient safety concerns. The aim is for the skills lab curriculum to better prepare interns for their role in the operating room. Dr. Eric Hungness serves as the Director of the Skills Lab Curriculum.

New Interns

Welcome to these new PGY1 General Surgery Prelim and Categorical Residents: Kyle Zanocco, Swami Ghasuhanmugam, Anna Kane, Karen Sherman, Daniel McCarthy, Erich Gauger, Jane Leath, Kevin Chandler, Adam Young, Monica Osei, Sharon Hart, & Alessandra Gasior.
Breast Surgery Center Update

After moving from the Galter Pavilion in October of 2007, The Lynn Sage Comprehensive Breast Center has settled into its new space on the 4th floor of the New Prentice Women’s Hospital. The new facilities have been excitingly received by patients, faculty, and staff. With breast surgeons Nora Hansen, MD, Director of the Center; Seema Khan, MD; and Jacqueline Jeruss, MD, PhD; patients will now have the opportunity to be seen by a breast surgeon Monday through Friday. Although the space is less than a year old, plans for additional patient examination rooms and clinical space have been developed and renovation is scheduled for the near future.

Kevin Bethke, MD, has recently relocated his private breast practice to the Lynn Sage Center in Prentice. Susan Tremblay, RN, has also joined the Breast Center. Susan has an advanced degree as a Women’s Health Nurse Practitioner and has an extensive background in women’s health and research. She will work along with the other Breast Center nurses, Deborah Garcia-Montero, Kay Pearson, and Denise Dale. Ethan Hixson, PA-C is another addition to the Breast Center this year from the University of Chicago and will work along with our current physician assistant, Michele Bryk.

This past June, the two 2007/2008 breast fellows, Honnie Bermas, MD and Amrit Mangat, MD completed their fellowship and have gone on to establish private practices. Dr. Mangat joined a practice in Glen Ellen, Illinois, and Dr. Bermas joined a group in Appleton, Wisconsin.

Nancy J. Taft, MD, an established general surgeon from Port Richie, Florida and Melissa C. Hulvat, MD, who finished her residency at Loyola Medical Center this year have joined the Breast Center as the 2008/2009 breast fellows.

Cardiothoracic Update

Cardiothoracic Surgery has enjoyed much success in 2008.

Research: Drs. Patrick McCarthy (PI) and Chris Malaisrie (Co-I) are participating in the PARTNER Trial (Placement of Aortic Transcatheter Valve) for patients with severe aortic stenosis who are either inoperable or very high risk for conventional aortic valve replacement. The first transcatheter heart valve (THV) at NMH was inserted using the transfemoral approach in June 2008. Northwestern will also be a participating site in the worldwide randomized, double-blind, placebo-controlled Phase III clinical trial called MAGRIT, targeting patients with MAGE-A3-positive, completely resected stage IB, II or IIIA Non-Small Cell Lung Cancer. This is a study to assess the efficacy of recomMAGE-A3 + AS15 Antigen-Specific Cancer Immunotherapeutic as adjuvant therapy in patients with resectable MAGE-A3-positive Non-Small Cell Lung Cancer. It is also noted that Dr. Patrick McCarthy was awarded a 250K Coulter Grant. This grant will provide the department with many new research opportunities.

Education: The Blum Cardiovascular Institute “BCVI” Summer Student Program was launched in June with over 20 medical students participating. The students learned about careers in cardiac surgery through shadowing cardiology rotations, observing in the OR, and attending weekly journal clubs and lectures. In addition, four of the students earned summer research scholarships (two from the American Association for Thoracic Surgery (AATS) and the Medical Student Summer Research Program (MSSRP), respectively). On June 20th, the division celebrated Alumni Day. The day was highlighted by the Grand Rounds presentation of Dr. Lawrence H. Cohn, chief of Cardiac Surgery at Brigham and Women’s Hospital and Professor of Cardiac Surgery, Harvard Medical School.

Clinical Care: September 12th and 13th, 2008 will mark the 2nd Annual Endoscopic Therapies for Airway and Esophageal Disorders Seminar, held at Northwestern Memorial Hospital. This course is designed to familiarize surgeons with the recent developments in equipment and techniques utilized in the endoscopic treatment of airway and esophageal disorders through presentations by highly educated and trained professionals as well as through a hands-on lab. This course will teach participants to 1) describe the available techniques for endoscopic treatment of airway and esophageal disorders, 2) perform rigid bronchoscopy on bronchoscopy models, and 3) perform placement of airway and esophageal stents.

The Blum Cardiovascular institute has also been ranked 19th in the nation among thousands of heart and heart surgery programs evaluated for the 2008 edition of U.S. News & World Report’s “America’s Best Hospitals”.

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GI/Oncologic Surgery Update

The Division of Gastrointestinal and Oncologic Surgery has had a busy start to 2008.

In January Dr. Jeffrey Wayne was honored with the Compassionate Care Award presented by the Women’s Board of Northwestern Memorial Hospital. This award recognizes outstanding care in oncology at the Robert H. Lurie Comprehensive Cancer Center of Northwestern Memorial Hospital.

The month of February brought recognition to Dr. Carla Pugh who was featured in Opening Doors: Contemporary African American Academic Surgeons, an exhibit developed and produced by the National Library of Medicine and the Reginald F. Lewis Museum of Maryland African American History and Culture. This exhibit, now touring the country, was on display at Northwestern University and Northwestern Memorial Hospital from February through April. Parts of this exhibit can be viewed on-line at: http://www.nlm.nih.gov/exhibition/aframsurgeons/index.html.

Karen Schiavo, RN, MS, APN joined the section of Surgical Oncology in April. Karen brought with her fifteen years of oncology nursing experience and, under the guidance of Dr. Amy Halverson, has made a smooth transition to the arena of surgical oncology.

July brought a new chief to the division, David Mahvi, MD (See Spotlight Article). Dr. Mahvi joins us from the University of Wisconsin at Madison. His clinical interest is focused on the treatment of benign and malignant liver, pancreatic and biliary disease. His research interests have focused on the development of new treatments for metastatic colon cancer and the ablation and resection of liver tumors. He is currently the principal investigator of a T32 grant at the University of Wisconsin entitled the “Surgical Oncology Research Training Program”.

Anne-Marie Boller, MD will join the team in August from the Mayo Clinic where she has recently completed a fellowship in colon and rectal surgery. In addition to her interests in colon and rectal surgery, Dr. Boller will join Dr. Amy Halverson, in conjunction with the departments of Obstetrics and Gynecology and Urology, in the development of a Women’s Pelvic Health Center for the treatment of pelvic floor disorders.

N-Case Update

Northwestern Center for Advanced Surgical Education

Since welcoming Carla Pugh, MD, PhD as the Director in September, 2007, there have been exciting developments in the Northwestern Center for Advanced Surgical Education (N-CASE). Primary goals for N-CASE include continued growth of current educational programs and development and implementation of new programs.

Education: We are excited to announce the incorporation of the National Skills Curriculum developed by the American College of Surgeons and Association of Program Directors in Surgery. This initiative has been led by Drs. Eric Hungness, Director of the Surgical Skills Curriculum, Debra DaRosa, and Jonathan Fryer. The new curriculum offers residents an augmented surgical skills experience using a combination of video and hands-on training. This curriculum will be further expanded as the remainder of the ACS modules are rolled out. The success of the new surgery resident training initiative demonstrates the strong dedication of N-CASE faculty to outstanding training and assessment practices. We are also happy to announce that Northwestern (along with nine other universities) has been recognized by the American College of Obstetrics and Gynecology as a center of excellence for the OB-GYN training activities that take place in N-CASE under the leadership of Dr. Magdy Milad.

Research: Education initiatives in N-CASE are based on a solid research foundation. One of the N-CASE research projects includes a multi-institutional study to explore the use of cognitive task analysis in developing simulation-based curriculum modules for surgical skills education. Drs. Pugh, DaRosa and Ms. Susan Santacaterina are working closely together to finalize the simulation-based assessments that are being developed as part of this research project. This work is sponsored by a grant from the U.S. Department of Defense. In addition to research in surgical education, N-CASE faculty are conducting research that may further advance current approaches to minimally invasive surgical techniques. With funding from a NOSCAR grant, Drs. Hungness, Soper, and Martin, are working to identify potential physiologic and clinical benefits of Natural Orifice Transluminal Endoscopic Surgery (NOTES) procedures.
Organ Transplant Update

In recent months, the transplant surgery program has been building on its historical successes while its ambitious new initiatives are beginning to take shape.

**Research:** In addition to continuing its successful research in virus latency and islet transplantation, the division is focusing its efforts on two critical areas: immune monitoring and tolerance, which we highlighted in the last newsletter, and health services and outcomes research. A collaborative effort with the health services researchers of the Institute for Healthcare Studies “HIS” and the Center for Outcomes Research and Education “CORE”, the transplant health services and outcomes research effort has achieved three joint invitations (a biostatistician with the department of surgery, a medical anthropologist with IHS, and a psychologist with CORE). These invites will be working with existing transplant center, IHS, and CORE faculty on building a research program. Five workgroups have been formed: Risk Adjustment and Outcomes, Quality of Life and Health Status Measurement, Health Literacy and Healthcare Communication, Patient Safety and Healthcare Quality, and a core group on data, collaboratively with the Enterprise Data Warehouse project. These groups are reviewing literature in critical areas and will be preparing manuscripts and grants in the coming months that will create the foundation for a robust health services research program.

**Education:** While the T32 training grant has filled both slots for the coming year (a basic researcher in immunology/tolerance and a surgical resident in the health services research effort), the T32 executive committee has created an exciting opportunity for an integrated fellowship jointly with the divisions of gastroenterology and hepatology. Candidates will be able to apply for acceptance into a combined fellowship of gastroenterology, transplant outcomes research under the T32, and transplant hepatology. Together, the three divisions will be able to attract the very best candidates and graduate a fully trained academic transplant hepatologist.

**Clinical Care:** The division’s initiatives in translational islet cell research and expanding the donor pool with innovative transplants were both publicized this spring. The National Institute of Health “NIH” issued a press release announcing a consortium of transplant centers, including Northwestern, who will be performing islet transplants with payment from Medicare and support from NIH. This trial, if successful, may prove the last step in taking islet transplantation from basic research to accepted clinical standard of care. In addition, the division’s efforts to expand living donor kidney transplantation were highlighted by local and national media when we performed a successful eight-patient “domino” kidney transplant. The generous kidney donation of one man was leveraged to save not just one but four recipients from years of dialysis on the waiting list for a deceased donor kidney, thereby also helping the patients lower than those four patients on the list, as well. This transplant included a pre-transplant desensitization to allow transplant across a positive crossmatch, another component of the center’s multi-pronged approach to allowing living donor transplant where it had previously not been possible.

Plastic Surgery Update

Plastic surgery continues to be successful on all fronts.

**Research:** We have some new funding sources in the laboratory which is headed up by Drs. Thomas Mustoe and Robert Galirano. Funding from DARPA has expired but we have a new subcontract for 5 years from the Department of Defense for a large regenerative medicine (AFIRM) grant as well as future funding which has been awarded from the small business innovative research (SBIR) division of the NIH, as well as industry funding from 3 sources. We have recruited a new molecular biologist, Dr.

Seok Jong Hong, who had a highly productive experience in a Harvard Medical School affiliated hospital previously. Our work continues to focus on animal models and translational research involved in scarring, ischemia reperfusion in chronic wounds, biofilm in chronic wounds, and projects involved in tissue engineering.

**Education:** We are excited to announce that our program has recently been reviewed and received full accreditation (4 years). We couldn’t have accomplished this goal without the leadership of Drs. Gregory Dumanian and Julia Corcoran.

**Clinical Care:** We are in the final stages of recruiting a senior surgeon to expand our clinical care.
Trauma and Critical Care Update

Research: Dr. Marie Crandall received a major research career development award from the Robert Wood Johnson Foundation in the form of a Physician Faculty Scholar Award to examine racial and socioeconomic disparities in trauma care. Ann Koons and Sara Kramer have been working closely with Drs. Ed Auyang and Eric Hungness to characterize the cytokine and innate immune responses of experimental and clinical subjects undergoing NOTES surgery. Dr. Gary An was also appointed to the program committee of the Surgical Infection Society and Dr. Michael West was elected Vice-Chair of the Surgical Forum Committee of the American College of Surgeons.

Education: The residency review committee for Surgical Critical Care approved Northwestern’s new Surgical Critical Care Fellowship during its most recent meeting. Dr. Michael Shapiro, who will serve as program director, prepared the application and hosted a site visit during April. The new Fellowship, based at Northwestern Memorial Hospital, is distinct from the existing Critical Care Fellowship at Children’s Memorial Hospital. The majority of training will take place in the Surgical and Transplant ICUs, but Fellows will also rotate in the Neuroscience ICU, Cardiothoracic ICU, and at Children’s Memorial Hospital, insuring a broad exposure to all aspects of surgical critical care. One or two Critical Care Fellows will be recruited during the upcoming year.

Clinical Care: Dr. Michael West announced that he has accepted a position as Vice Chair of Surgery at University of California-San Francisco and Chief of Surgery at San Francisco General Hospital and will be leaving Northwestern University at the end of the Summer. Dr. Michael B. Shapiro will serve as interim division chief beginning July 1, 2008. Unlike other times of the year, the onset of warmer summer weather has been accompanied by a brisk increase in trauma volume and Northwestern continues to see a surprisingly high proportion of penetrating trauma.

Vascular Surgery Update

The first six months of 2008 have been very productive for the Division of Vascular Surgery.

Research: In addition to the ongoing clinical and basic science grants, students and residents under the mentorship of Dr. Melina Kibbe have received four basic science research grants. She has also applied for a patent on a procedure to generate nitric oxide (NO) that will be used in her efforts to develop a NO-releasing ePTFE graft. Dr. Mark Morasch has also received a grant for a clinical study on RNA expression in lesions from in vivo carotid atherectomies.

Education: The Division has had three international scholars visit our Division. Dr. Vijay Thakore from the Angio Care Hospital in Vadodara, India, and Dr. Bao Liu from the Peking Union Medical College Hospital in Peking, China, (sponsored by the Society for Vascular Surgery International Scholar Program), and Dr. Andrey Matyushkin from the Russian State Medical University in Moscow, Russia, (sponsored by the Atria Foundation International Scholar Program).

Clinical Care: In addition to the clinical practice at Northwestern, members of our attending staff have been seeing patients at Advocate South Suburban Hospital, Winfield Moody Clinic, and Children’s Memorial Hospital. This has allowed for us to provide quality care to additional areas in Chicago-land. Dr. Mark Eskandari was awarded the Northwestern Memorial Faculty Foundation "Excellence in Clinical Innovation" this June.
Dr. Marleta Reynolds has been appointed Interim Surgery Department Head and Surgeon-in-Chief, effective September 1, 2008. Dr. Reynolds is currently Division Head of Pediatric Surgery, Director of the ECMO Program, and a Co-Director of the Institute for Fetal Health. She holds the Lydia J. Frederickson Professorship in Pediatric Surgery at Northwestern University's Feinberg School of Medicine.

Research
Dr. Mary Beth Madonna of Pediatric Surgery is currently studying the behavior of neuroblastoma. Her study focuses on two main areas: drug resistance and growth-factor effects on neuroblastoma behavior. In the drug resistance arena, her research focuses on studying specific proteins that may be important in transferring resistance to chemo-sensitive cells; study of epigenetic changes that are present in resistant neuroblastoma cells; and, in conjunction with the chemistry department of Northwestern, research to find better drug delivery systems and to produce a nanoparticle containing doxorubicin. The growth-factor research focuses on nerve growth factor (NGF) and its two receptors, Trk A and p75, in order to understand the importance of each receptor in the survival or death of the neuroblastoma cell in response to NGF.

CMH Update

Education
Dr. Katherine Barsness of Pediatric Surgery will co-direct “Advanced Miniature Access Surgery for Pediatric Surgeons in Training” in November, 2008. This first-year-fellows course will be conducted at the Northwestern Center for Advanced Surgical Education (N-CASE). Drs. Anthony Chin, David Rothstein, and Erin Rowell of Pediatric Surgery will serve as host faculty.

Clinical Care
Drs. Carl Backer and Sunjay Kaushal of Cardiovascular Surgery implanted a Berlin Heart EXCOR Pediatric VAD System, the first in Illinois, as bridge to successful later transplant. Dr. David Rothstein recently returned from a month-long trip to Port Harcourt, Nigeria, where he worked with the humanitarian group Doctors Without Borders providing surgical care for victims of gang and military violence, and motor vehicle accidents.

Evanston Update

In recent months the Department of Surgery at ENH has had substantial activity and growth in all aspects of its program. Most notable is the arrival of Dr. Karol Gutowski as the new Division Chief of Plastic and Reconstructive Surgery. Dr. Gutowski was the former Associate Professor and Program Director of the Division of Plastic Surgery at the University of Wisconsin, Madison. His interests in research and teaching will further strengthen the Department’s academic endeavors

Research: Drs. Marshall Baker, Mark Talamonti, David Cella and Malcolm Bilimoria received the Clinical Collaborative Research Program (CCR) Award for “Health Related Quality of Life in Surgical and Neoadjuvant Therapy for Pancreatic Cancer.” The ENH pancreatic surgeons have formed a collaborative relationship with David Cella's nationally renowned CORE outcomes group to evaluate QOL issues related to the treatment of pancreatic cancer. The General Surgery Division continues to provide strong accrual to the breast and pancreatic databases and tissue banks. Dr. Katharione Yao will be joining ENH this year and will focus on Notch signaling in women at high risk for breast cancer. Dr. Michael Howard received approval for, and began enrolling subjects into two IRB protocols. The first study, “The Prospective Study of Nipple-sparing Mastectomy: Oncologic and Reconstructive Outcomes,” was subsequently awarded a $50,000 research grant through the ENH Auxiliary Breast and Ovarian Program via separate application process. The second study entitled, “Memory Gel Post-Approval Study” is a multi-institutional study focused on silicone gel implants following the recent FDA approval of gel implants.

Education: The Department has maintained excellence in teaching with several of its members reaching the Department of Surgery’s “Wall of Fame.” Dr. David P. Winchester received the Dean’s award for the outstanding alumnus of 2008, recognizing his years of service to the Northwestern’s Feinberg School of Medicine. Dr. Michael Howard was named the “2008 Teacher of the Year” by the Plastic Surgery Residents. The ENH Department of Surgery Outcomes Research Fellowship has been awarded to Dr. Mehul Raval to investigate cancer outcomes through collaboration between ENH, the NCDB, and the American College of Surgeons.

Clinical Care: The Department continues to positively expand, with delivery of comprehensive care to all three ENH campuses. Dr. Michael Ujiki will be joining the division with expertise in minimally invasive surgery. His arrival will help to further develop ENH into a center of excellence with the implementation of natural orifice surgery. Dr. James Spitz has joined Dr. Joseph Muldoon and Dr. Glen Balch to strengthen the section of colorectal surgery. Their services include evaluation and treatment of incontinence, IBD, anorectal disease, and colorectal disease, utilizing robotic and laparoscopic surgery.
On May 26, 2008, Jesse Brown VA Medical Center opened a new inpatient pavilion on its Chicago campus; the only new inpatient facility of all ~130 VA hospitals in the US in 2008. This 200-bed facility serves as a replacement hospital for the previous facility that will be used for outpatient and ancillary staff in addition to administrative office space.

In the new bed tower, all rooms are private or semi-private. There are 20 ICU beds, a 20-bed Telemetry unit, a 40-bed inpatient psychiatry unit, and 8 new Operating Rooms. One of the operating rooms has been designed for endovascular devices in procedures and another is dedicated for cystoscopy. All Operating Rooms feature the Karl Storz “OR-1” concept for minimally invasive surgery.

Jesse Brown has been approved for initiation of a Bariatric Surgery program and it is likely that the first patients will undergo surgery later this year. Jesse Brown will be the regional referral center for Bariatric Surgery.

National Surgical Quality Improvement Project (NSQIP) FY08 second quarter report indicates that Surgical Service at Jesse Brown has excellent outcomes with O/E ratio’s of 1.13 and 1.16 for mortality and morbidity, respectively. Furthermore, Surgical Service has “fully met” all ten VA Performance Measures in 2008 related to clinical processes that include items such as timely administration of prophylactic antibiotics, perioperative beta-blocker usage, and documentation of adequate resident supervision by attending faculty, to name a few.

In summary, Surgical Service at Jesse Brown is enjoying the benefits of a new inpatient facility including new Operating Rooms while maintaining its focus on quality patient care and resident education.

Tom joined the Department of Surgery in May of 2005 after completing a PhD in molecular biology from Penn State along with fellowships with the National Cancer Institute in Frederick MD. After his fellowships, he returned to Chicago participating in successful development projects for the American College of Surgeons and Alexian Brothers Healthcare system.

Within the Department of Surgery, Tom is responsible for a number of custom applications, most notably the “Pancreatic Cancer Database.” First completed in 2005, this database has resulted in 5 publications, 4 pending publications and 18 IRB submissions.

The database remains in active use today and has been described by one member of the department as an “engine for generating papers.” A single person updates the application with new records, allowing staff physicians to analyze the data. Resident physicians also make use of the application and its results have been shared across multiple institutions as well.

Among the applications that Tom is called on to design, implement, and/or maintain are:
- Cardiovascular Clinical Trial Site Management System: Kadish
- Laparoscopic Esophageal Database: Soper
- NAF Clinical Trial Software: Khan
- Pancreatic Cancer Database: Talamonti
- Resident Verification System: DaRosa
- SurgEd System: DaRosa
- Grippo Lab Mouse Colony Tracking: Bentrem, Grippo
- DoS Surgical Quality Improvement System: Wayne, Bilimoria

In addition to these projects, Tom has assisted NMFF in the evaluation of genetic database applications and participated in an NHGRI funded project to determine the feasibility of using EMR data to conduct genome wide association studies.
A Surgeon’s Memory Provides for the Future

When Jan Stipp describes her father, her eyes light up and her face looks much younger than her 94 years. She describes him as an austere and distinguished looking man with a wonderful sense of humor, displaying her pride in a way that this modest man would likely never have done. With his accomplishments in mind, Mrs. Stipp made a planned gift to the resident research fund within the Department of Surgery, in memory of her father, Medical School alumnus, A. Merrill Miller, MD, Class of 1901. Through her gift, she honors both a surgeon and a father.

Mrs. Stipp remembers her father as a humble man who preferred not to speak of his ability. Yet Dr. Miller was prominent in the area, during a time when much cynicism still surrounded surgery. After graduating from Northwestern, he completed his internship at Michael Reese Hospital and went on to study surgery at Harvard. Surgery was always his love. A renowned clinician and researcher, he published in the *Annals of Surgery*, the world’s most highly referenced, and one of the nation’s oldest, surgery journals. Dr. Miller was also President of the Vermillion County Medical Society, a member of the Illinois State Medical Society and American Medical Association, and a charter member of the American College of Surgeons.

Through a bequest and charitable remainder trust to the Feinberg School of Medicine, Mrs. Stipp has established an endowed resident research fund to be held in perpetuity. Without thought of recognition for herself, Mrs. Stipp is passing on her father’s legacy forever to the most deserving beneficiaries. We appreciate the generosity greatly.

Charitable giving through estate planning not only supports the future of the Department of Surgery, but can also establish a personal legacy for you or your loved ones.

If you have any questions about estate planning and the tax advantages that are possible through a planned gift to Northwestern University Feinberg School of Medicine, please contact Courtney Weeks at 312-503-3080 or c-weeks@northwestern.edu.

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**Philanthropy: The donations of our friends and alumni help the department of surgery keep up the high standards in research, education, and clinical expertise that have become synonymous with Northwestern. For more information on how to donate to the department of surgery, contact:**

Sybil Boyajian  
Manager, Professional Affairs  
Department of Surgery  
Ph: 312.926.8686  
Fax: 312.926.7404  
sboyajia@nmh.org
Abecassis, Michael MD, MBA

Publications

An, Gary MD

Awards and Honors:
2008 Scientific Committee, 7th International Conference on Complexity in Acute Illness
2008 Program Committee, 2008 International Shock Congress (combined meeting of the U.S. Shock Society and the International Federation of Shock Societies)
2008 President of the Swarm Development Group
2008 Host and Organizer Swarmfest 2008
2008 Research Committee Member, Society of Critical Care Medicine
2008 Editorial Board, Journal of Critical Care Medicine

Medicine
2008 Program Committee for 2009 Meeting, Surgical Infection Society
2008 Guest Editor, Special Issue on Inflammation Modeling for Mathematical Biosciences

Presentations
Oral Presentation for the 3rd Annual Academic Surgical Congress, From Molecule to Man: Multi-scale Translational Agent Based Modeling of Inflammation, Huntington Beach, California, February 15, 2008.
Poster Presentation for the American Medical Informatics Association Summit on Translational Bioinformatics, Beyond static ontologies: Developing knowledge ecologies using qualitative multi-scale agent based dynamic knowledge representation, San Francisco, California, March 11, 2008.
Invited Speaker for the Workshop on Interdisciplinary Biomedical Research, Agent-based Instantiation of Medical Knowledge: The Road to a Biomedical Knowledge Ecology, South Bend, Indiana, April 11, 2008.
Invited Speaker for the Kroto Institute and Centre for Nanoscience and Technology, Agent-based modeling as a means of Dynamic Representation of Biomedical Knowledge: An Ecological Paradigm for Collaborative Research, Sheffield, Great Britain, June 25, 2008.
Invited Speaker for the 7th International Conference on Complexity in Acute Illness, Insights from Computational Simulations of the Acute Inflammatory Response, Cologne, Germany, June 28, 2008.
Invited Speaker for the 7th International Conference on Complexity in Acute Illness within the International Shock Congress, Introduction for Workshop on Mathematical Modeling of Inflammation: Multiple scales call for multiple methods, Cologne, Germany, June 29, 2008.
Invited Speaker for the 7th International Conference on Complexity in Acute Illness within the International Shock Congress, Agent based models: Capturing the richness of biological behavior, Cologne, Germany, June 29, 2008.

Publications
Bonnard, Gilberto MD

**Awards and Honors**

2008 American Cancer Society Research Grant, To University of Chicago, Recognizing contributions as ACS volunteer

**Barsness, Katherine A. MD**

**Awards and Honors**

2008 Director, First Year Pediatric Surgery Fellows’ Course in Minimally Invasive Surgery

**Bauer, Bruce S. MD**

**Presentations**

Co-Chair, ASPS Fresh Start Aesthetic Facial Reconstruction in Adults and Children Symposium- Scalp Reconstruction in the Pediatric Population, Personal Thoughts and Techniques of Microtia RepairNon-Microtia Reconstruction (Congenital, Trauma and Acquired Deformities), Tucson, Arizona, February 21-23, 2008

**Bentrem, David MD**

**Presentations**

Schmidt CM, Matos JM, Bentrem DJ, Talamonti MS, Lillemoe KD, and Bilimoria KY. SSAT, Predictors of Survival in 865 Patients with Acinar Cell Carcinoma of the Pancreas: Survival after Surgery Compared to Ductal Adenocarcinoma, San Diego, California, May 16, 2008


Raval M, Bentrem DJ., 64th Annual Meeting of the Southwestern Surgical Congress: Pedunculated, Non-Ampullary Duodenal Carcinoid Tumor Presenting with Recurrent Pancreatitis, Acapulco, Mexico, March 27, 2008


Bilimoria KY, Bentrem DJ, Stewart AK, Tomlinson J, Talamonti MS, and Ko CY. Pacific Coast Surgical, Are Laparoscopic Colectomy Outcomes in the Population as Good as in the COST Trial? San Diego, California, February 16, 2008


Yeh JJ, Bentrem DJ, Routh ED, Fan C, Mel-


**Publications**


Bilimoria KY, Talamonti MS, Bilimoria MM, Sener SF, Stewart AK, Ko CY, and Bentrem DJ. Impact of hospital volume on margin status after pancreatic cancer resection in the United States. JACS, in press.


Bilimoria KY, Bentrem DJ, Ko CY, Winchester DP, Talamonti MS, and Halverson A. Anal Cancer 2008 Diseases of the Colon and Rectum, in press.


Bilimoria KY, Talamonti MS, Wayne JD, Tomlinson JT, Stewart AK, Ko CY, and Bentrem DJ. Impact of hospital type and volume on lymph node evaluation for gastric and pancreatic cancer. Archives of Surgery, in press.


**Caprini, Joseph A. MD**

**Awards & Honors**

2008 Appointed President-elect of American Venous Forum

2008 Distinguished Fellow, Society for Vascular Surgery

2008 National Heart, Lung, and Blood Institute Reviewer for Deep Vein Thrombosis and Venous Disease grant applications

2008 American College of Surgeons representative to American Society of Hematology Advisory Panel for the Center for Disease Control

**Presentations:**

It’s All About Veins: Advances in Venous Therapy, Pre-International Congress XXI Endovascular Interventions, The Swollen Limb: Diagnosis and Management, Phoenix, Arizona, February 9, 2008.

20th Annual Meeting, American Venous Forum, Putting New Joint Commission Quality Standards for DVT into Hospital Practice, The
Awards/Honors, Publications, and Presentations Cont...


CME Lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Macon, Georgia, March 26, 2008.

CME Lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Minot, North Dakota, March 27, 2008.

CME lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Latrobe, Pennsylvania, April 2, 2008.


CME Lecture, Venous Thromboembolism: Diagnosis and Treatment, Ann Arbor, Michigan, April 24, 2008.

International Surgical Thrombosis Meeting, Risk Stratification in General Surgery (Including Gynaecological Surgery), Workshop, Prague, Czech Republic, April 26, 2008.


CME Lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Lawrence, Kansas, May 8, 2008.

Fellow lecture, Division of Gynecologic Oncology, Deep Vein Thrombosis: Prophylaxis and Treatment in the Gynecologic Oncology Setting, Robert H. Lurie Comprehensive Cancer Center, Northwestern Prentice Women’s Hospital, Chicago, IL, May 9, 2008.


CME Lecture, VTE Diagnosis and Management, Troy, Ohio, May 19, 2008.


CME Lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Hinton, West Virginia, May 21, 2008.


First Warsaw Symposium on Thromboembolism, Long-Term Vascular Sequelae after Surgery, Epidemiology, Pathophysiology, Prevention and Treatment, and co-chair of Plenary Session II Surgical Issues, Warsaw, Poland, June 5, 2008.


CME Lecture, VTE/PE Prophylaxis and Treatment: An Urgent Call to Action for a Common but Preventable Disease, Bristol, Tennessee, June 10, 2008.


XXIII World Congress of the International Union of Angiology, Round Table XVIII Intermittent Pneumatic Compression, Intermittent Pneumatic Compression for the Prevention of Venous Thromboembolism, Athens, Greece, June 25, 2008.

Awards/Honors, Publications, and Presentations Cont...

Publications:


Chin, Anthony C. MD

Awards and Honors

2008 Appointed Illinois Public Health Association, Scholarships & Awards Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Program Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Vice Chair, Research-Related Topics Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Research Funding Mentoring

2008-2011 Robert Wood Johnson Foundation Physician Faculty Scholar

Presentations

Crandall M, Shapiro M, West M, Surgical Infection Society—Europe, Does splenectomy protect against immune-mediated complications in blunt trauma patients? Antalya, Turkey, May 2008

Crandall M, Shapiro M, West M, Surgical Infection Society, Does splenectomy protect against immune-mediated complications in blunt trauma patients? (poster) Hilton Head, South Carolina, May 2008

DaRosa, Debra, PhD

Awards and Honors

2008 Martin L. Pernoll, MD Educator – Association of Professors in Gynecology and Obstetrics

2007 Honorary Member Award – Association of Professors in Gynecology and Obstetrics

Presentations


Corcoran, Julia MA

Awards and Honors

2008 Elected member of American Association of Plastic Surgeons

2008 Masters in Health Professions Education, University of Illinois-Chicago

Crandall, Marie MD

Awards and Honors

2008 Appointed Illinois Public Health Association, Scholarships & Awards Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Program Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Vice Chair, Research-Related Topics Committee

2008 Appointed Eastern Association for the Surgery of Trauma, Research Funding Mentoring

2008-2011 Robert Wood Johnson Foundation Physician Faculty Scholar

Presentations

Crandall M, Shapiro M, West M, Surgical Infection Society—Europe, Does splenectomy protect against immune-mediated complications in blunt trauma patients? Antalya, Turkey, May 2008

Crandall M, Shapiro M, West M, Surgical Infection Society, Does splenectomy protect against immune-mediated complications in blunt trauma patients? (poster) Hilton Head, South Carolina, May 2008


An G, Shapiro M, Crandall M, Issa N, West M Critical illness as ecological collapse: modeling the impact of stress, ischemia, and therapy on host bacterial ecology in the gut, *Surgical Infections.* 2008;9(2):276


Impact of a Structured Skills Laboratory Curriculum on Surgery Resident’ Intra-Operative Decision-Making and Technical Skills. (Accepted for Presentation - Research in Medical Education; Association of American Medical Colleges, San Antonio, Texas, November 2008).


“Understanding How Students Learn through Instructional Technology” (co-author), presented at the Association for Surgical Education, Toronto, CANADA, April 2008.

“Identifying Patterns of Adverse Events by Developing an Online Morbidity, Mortality, and Near-Miss Reporting System.” (co-author), presented at the American College of Surgeons 93rd Annual Clinical Congress, October 2007.

“Error Recognition, Prevention and Rescue” and “Teaching in the Ambulatory Setting,” presented at McMaster University, Hamilton, ON, Canada, June 2008.


“Resident as Coach” and “Teaching in the Ambulatory Setting,” presented for the Residents as Teachers and Leaders, American College of Surgeons, Rosemont, IL, May 2008.


“Maximally Invasive Teaching” presented at Grand Rounds, Oregon Health & Sciences University, Portland, OR, December 14, 2007.


“Motivating Faculty to Teach” presented at the Program Director School sponsored by the Association of Professors of Gynecology and Obstetrics, San Juan, Puerto Rico, July, 2007.

Publications


Iwaszkiewicz, M., DaRosa, D.A., and Risucci, D. Efforts to Enhance Operating Room Teaching. (Accepted for publication - Journal of Surgical Education.).


Kapadia, M., DaRosa, D.A., MacRae, H., Dunnington, G. Current Assessment and Future Directions of Surgical Skills Laboratories. Journal of Surgical Education. 2007, 64 (5) 260-265


Eskandari, Mark K. MD

Awards and Honors

Mark K. Eskandari received the NMFF Physician Clinical Excellence Award for Clinical Innovation, June 20, 2008.

Mark K. Eskandari was appointed Associate Professor in the Department of Cardiology, FSM.

Presentations


Endovascular Approaches to Aortic Lesions. Minimally Invasive Surgery Symposium, Honolulu, HI, February 2008.

Endovascular Approaches to Peripheral Lesions. Minimally Invasive Surgery Symposium, Honolulu, HI, February 2008.


Awards/Honors, Publications, and Presentations Cont...


Grady, Kathy PhD

Presentations


Visiting Professor, Vanderbilt University School of Nursing, Stage D Heart Failure: Quality of Life Outcomes after Transplant and Mechanical Support, Nashville, Tennessee, April, 2008

Publications


Grippo, Paul J. PhD

Presentations

Speaker, PanCAN Pancreatic Cancer Symposium, Session III – Breakout Session (various topics), Cutting Edge of Pancreatic Cancer Research, Tampa, Florida, March 1, 2008.


Howington, John MD

Award and Honors

2007-2008 Selected as one of the “Best Doctors in America”

Presentations


Publications


Hunghness, Eric S. MD

Presentations

Hungness ES, A Amini, DE Rooney and NJ Soper. SAGES, FLS is Transferable to ProMIS Simulator, April 2008.


Covidien sponsored Laparoscopic Hernia Course, Laparoscopic Ventral Hernia – Technique, Results and Complications, Northwestern University, January 12, 2008.


4th Annual Course on IBD, Intestinal Failure and Nutrition at Sundance, Bariatric Surgery in 2008, Sponsored by Northwestern University’s Feinberg School of Medicine, March 8, 2008.


Northwestern University, Department of Surgery, March 25, 2008.

Illinois Surgical Society – Invitation Clinic, Natural Orifice Transluminal Endoscopic Surgery (NOTES), Northwestern University, March 8, 2007.

Session Chair, AGA Institute Research Forum, Medical, Surgical, and Endoscopic Management of Obesity, San Diego, May 21, 2008.

**Publications**


Chapters:


**Issa, Nabil MD**

**Presentations**


**Publications**


**Kapp-Simon, Kathleen PhD**

**Awards and Honors**

2008 President, American Cleft Palate Craniofacial Association

**Presentations**


Craddock MM, Armstrong MA, Kapp-Simon KA, Speltz ML, Starr JR, Kane A. . 60th Anniversary Meeting of the American Cleft Palate Craniofacial Association, Behavioral adaptation in toddlers with craniosynostosis: Follow up at three years of age, Philadelphia, Pennsylvania, April 18, 2008.


**Publications**

Ruiz-Correia S, Starr JR, Lin JR, Kapp-Simon KA, Sze RW, Ellenbogen RG, Speltz ML, Cunningham ML. New severity indices for
quantifying single suture metopic craniosynostosis, Neurosurgery, In Press.

Khan, Seema MD

Awards and Honors

2008 Appointed to the Editorial Board, Journal of Clinical Oncology
2008 Member, American Society Clinical Oncology Program Committee
2008 Visiting Professor Johns Hopkins University, Sidney Kimmel Comprehensive Cancer Center

Presentations

Invited Speaker, 7th Annual Mid-Atlantic Oncology Update, Special Problems in Local Therapy of Breast Cancer, Baltimore, Maryland, April 12, 2008.


Speaker, (Grand Rounds) John Hopkins, Does the intact Primary Influence the Course of Disease in Women with Metastatic Breast Cancer? Baltimore, Maryland, January 25, 2008.


Publications


Khan SA. Primary Tumor Resection in Stage IV Breast Cancer: Consistent Benefit, or Consistent Bias? Editorial Ann Surg Oncol. 2007; (12):3285-7


Kibbe, Melina R. MD

Awards and Honors

Melina R. Kibbe was awarded Outstanding Teacher, Structure-Function Course, Northwestern University, Feinberg School of Medicine, June 2008.

Melina R. Kibbe was elected to the status of Distinguished Fellow, Society for Vascular Surgery, June 2008.

Appointed Member, Research and Education Committee, Society for Vascular Surgery

Elected to membership, American Psychological Society

Appointed to Editorial Board, Journal of Surgical Research

Named Ad-hoc Member, VA Surgery Study Section and VA Surgery Merit Review

Presentations


Moderator, Vascular IV Atherosclerosis and Thrombosis, 3rd Annual Academic Surgical Congress, Huntington Beach, CA, February 15, 2008

Stroke and PVD in Women. Women’s Cardiovascular Symposium. Northwestern Memorial Hospital, Chicago, IL, February 20, 2008.


Lewis, Victor L., Jr. MD

Awards and Honors
2008 Senior Examiner, American Board of Plastic Surgery

2008 Socio-Economic Task Force Chair, American Society of Maxillofacial Surgeons


2008 Section Council Chair, Plastic and Maxillofacial Surgery, AMA House of Delegates, Chicago, Illinois, June 14-17, 2008

2008 Course Chair, American Society of Maxillofacial Surgeons Basic Course, Chicago, Illinois, August 24-26, 2008

Presentations


Presenter, American Society of Maxillofacial Surgeons Basic Course, Psychosocial Aspects of Maxillofacial Trauma, Chicago, Illinois, August 25, 2008

Publications


Mahvi, David MD

Awards and Honors

2008 Elected President of the Society for Surgery of the Alimentary Tract

2007 Appointed Executive Program Committee ACS Clinical Congress

Presentations

SSAT, Postgraduate Course: Benign and Malignant Biliary Diseases, May 2008


Presenter, International Surgical Rotations: Vacation or Education?, Mayo Clinic, May 12, 2008

Publications


Matsumura, Jon S. MD

Awards and Honors


Appointed Secretary, Midwestern Vascular Surgical Society

Named to Clinical Practice Council and Clinical Research Committee, Society for Vascular Surgery

Presentations


Current Status of EVAR and TEVAR in the US. Keynote address, West Japan Endovascular Symposium, Osaka, Japan, February 23, 2008.

What are the Pitfalls of Endovascular Repair of Thoracic Aortic Disease? The Sanctuary of Endovascular Therapy, 3rd Annual Conference, Kiawah Island, South Carolina, February 29, 2008.


Translumbar/Transarterial Embolization and Other Options for Management of Type II Endoleaks. 8th Hawaii Vascular Symposium, Kapolei, HI, April 25, 2008.

Should the Left Subclavian Artery be Revascularized with Thoracic Aortic Endovascular Repair? 8th Hawaii Vascular Symposium, Kapolei, HI, April 25, 2008.

ACT I: Prospective Randomized Trial of Carotid Stenting for Asymptomatic Patients. 8th Hawaii Vascular Symposium, Kapolei, HI, April 26, 2008.


CREST, ACT I, SPACE and EVA-3-S: Randomized Trials. SVS annual meeting, San Diego, CA, June 7, 2008.

Mavroudis, Constantine MD

Presentations


Speaker, American Association for Thoracic Surgery Congenital Heart Surgery Symposium-Repair, AVR, Ross: How I Approach the Older Child with Mixed Aortic Stenosis/Aortic Insufficiency, San Diego, California, May 11, 2008

Publications


Book Chapter:


Morasch, Mark MD

Awards and Honors

Elected chair of Society for Vascular Surgery’s Quality and Performance Measures Committee


Presentations


Nahrwold, David L. MD

Awards and Honors

2007 Derrick Vail Award, American Board of Medical Specialties

2008 Commencement Address, Penn State College of Medicine, Hershey Pennsylvania

2008 Institution of the David L. Nahrwold Professorship in Surgery by the Penn State College of Medicine, Hershey, Pennsylvania

Pearce, William H. MD

Awards and Honors

William H. Pearce was named one of Chicago Hospital News “Top Physicians”, March 2008.

William H. Pearce was invited to present the

Reappointed Chairman, American Vascular Association (charitable foundation for the Society for Vascular Surgery)

Red Cross Volunteer, Landstuhl Regional Medical Center, Landstuhl, Germany, January 7-18, 2008

**Publications**

Open AAA. The Houston Aortic Symposium: Frontiers in Cardiovascular Diseases, Houston, TX, April 4-6, 2008.

Interview regarding racial disparity in amputation rates. The Joe Madison Show, WOL-1450 AM XM (Washington, D.C.), May 1, 2008.


**Presentations**

Open AAA. The Houston Aortic Symposium: Frontiers in Cardiovascular Diseases, Houston, TX, April 4-6, 2008.

Interview regarding racial disparity in amputation rates. The Joe Madison Show, WOL-1450 AM XM (Washington, D.C.), May 1, 2008.


**Reynolds, Marleta MD**

**Awards and Honors**

2008 Member, NMF Board of Directors
2008 Member, Robert H. Lurie Comprehensive Cancer Center of Northwestern University – Internal Advisory Board
2008 Chair, EITS, International NOTES Hands-On course, Strasbourg, France
2008 Visiting Professor, Cedar-Sinai Medical Center, Los Angeles, California

**Presentations**

Invited Speaker, Southeast Surgical Congress, "NOTES", Birmingham, AL, February 11, 2008
Visiting Professor, , Minimally Invasive GI Surgery: past, present & future? Cedar-Sinai Medical Center, February 20, 2008
Invited Panelist/Speaker, SAGES, The Academic Medical Center Failing, Philadelphia, Pennsylvania, April 11, 2008
Moderator, APDS, What Surgical Educators Need to Know: Laparoscopic Skills Training Using FLS and the National Skills Curriculum, Toronto, Canada, April 15, 2008
Invited Speaker, APDS, FLS - - What Is It and Why All the Fuss? Toronto, Canada, April 15, 2008
Invited Speaker, APDS, What Do Training Programs Receive and How Do You Make It Work? Toronto, Canada, April 15, 2008
Invited Speaker, XVII International Congress for the Association of Mexican Surgeons, Transoperative Ultrasound, Puerto Vallarta, Mexico, May 1, 2008

Invited Speaker, XVII International Congress for the Association of Mexican Surgeons, Endoscopic Ultrasound, Puerto Vallarta, Mexico, May 1, 2008

Invited Speaker, XVII International Congress for the Association of Mexican Surgeons, Surgical Treatment in GERD, Puerto Vallarta, Mexico, May 2, 2008

Invited Speaker, XVII International Congress for the Association of Mexican Surgeons, Biliary Pancreatitis, Puerto Vallarta, Mexico, May 2, 2008


Invited Moderator, Digestive Disease Week, Session V: Benign Disorders of the Esophagus, San Diego, California, May 18, 2008

Invited Speaker, Digestive Disease Week, in Session V-Pseudoachalasia with failed fundoplication: What now? San Diego, California, May 18, 2008

Invited Co-Moderator, Digestive Disease Week, Session III: NOTES: Where are we today? San Diego, California, May 18, 2008

Invited Educator, Cook Surgical Course, PEH, Chicago, Illinois, June 5, 2008

Invited Co-Moderator, MIS Forum, Panel Management of difficult foregut cases, Sonoma, California, July 9, 2008

Invited Educator, Live Demonstration of techniques & technology for NOTES, NOSCAR, San Francisco, California, July 11, 2008

**Publications**

Malogolowkin MH, Katzenstein HM, Krailo M, Chen Z, Quinn JJ, Reynolds M, Ortega JA. Redefining the role of doxorubicin for the treat-

Rodriguez, Heron E. MD

Presentations


Arterial Occlusive Disease in Lower Extremities. Grand Rounds, West Suburban Medical Center, Oak Park, IL, March 26, 2008.

Soper, Nathaniel J. MD

Publications


Meyers BF, Soper NJ. Complications of Surgery for Gastroesophageal Reflux Patterson GA, Cooper JD, Deslauriers J, Lerut AEMR, Luketich JD, Rice TW eds. Churchill Livingstone; 2008:376-381

Sturgeon, Cord MD

Awards and Honors

Appointed NCCN thyroid cancer panel member

Elected to membership in the American Association of Endocrine Surgeons (AAES)

Elected to membership in the American Thyroid Association (ATA)

Consensus panel member International Consensus Workshop on Primary Hyperparathyroidism

Writing committee member, International Consensus Workshop on Primary Hyperparathyroidism

Co-director, 1st annual AAES Practice Development Course

Presentations


Podium presentation at AAES Practice Development Course, Collaborations and Referrals, Monterey, California, April 6 2008

Podium presentation at Thyroid Cancer Public Education Symposium-Recurrent thyroid cancer: screening and treatment, Chicago, Illinois, April 22 2008.


Publications


Vazquez, Richard M. MD

Publications

Common sense and common bile duct injury revisited, Surgical Endoscopy Electronic publication: Editorial 2007

Wayne, Jeffrey MD
Awards/Honors, Publications, and Presentations Cont...

**Combined Achievements**

**Cardiothoracic Surgery**

**Presentations**


Speaker/Instructor (McCarthy PM, Lee R), 44th Annual STS Mtg Panel Discussant (STS University) How to do concomitant Atrial Fibrillation: From “No Way” to everyday surgery, Fort Lauderdale, Florida, January 2008.

**Publications**


**Vascular Surgery**

**Publications**


applications of blood-derived and marrow-derived stem cells for nonmalignant diseases. 


If you would like the Department of Surgery to include your recent presentation/article/book chapter, upcoming events, etc. in the September 2008 issue, please send the information (in a CV-format) to surgerydept@nmh.org by January 9, 2009.
Upcoming Events:

• 8 September, 2008: Procedure, Pumps and Paralysis or Transcatheter Heart Valves: Options for Aortic Stenosis, Chris Malrasie, MD (Speaker). Galter 10 / ENH2520A&B / CMH ECR M-108.
• 16 September, 2008: Developing Computer Simulations of Pathophysilogic Processes, Gary An, MD (Speaker). Galter 10 / ENH2520A&B / CMH ECR M-108.
• 23 September, 2008: Method Lecture, Gerald Fried, MD (Speaker). Pritzker Auditorium
• 30 September, 2008: Infectious Disease Lecture, Atul Humar, MD, MSc, FRCPC (Speaker). Galter 10 / ENH2520A&B / CMH ECR M-108.
• 11 November, 2008: Long Term (10 Year) Immunoregulatory Effects of Living Related Donor Bone Marrow Cells in Renal Transplantation, Joshua Miller, MD (Speaker). Galter 10/ ENH2520A&B / CMH ECR M-108.

Questions / Suggestion / Requests to be added to/removed from the distribution list. Please send an email to: surgerydept@nmh.org or contact 312.926.4138.

The following table is a reference for all future newsletters. If you would like the Department of Surgery to include your recent presentation/article/book chapter, upcoming events, etc. in the next issue, please send the information (in a CV-format) to surgerydept@nmh.org by the due date listed below.

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The Department of Surgery thanks everyone who has contributed to this issue of “The Surgical Scope”.