Please Welcome
Malcolm DeCamp, MD
Chief of Thoracic Surgery

Join us in supporting him as he builds the Division of Thoracic Surgery into a world-class center for the treatment of diseases of the chest.

Dr. DeCamp joined the faculty of Northwestern in December 2009 with a vision to pull together teams of surgeons and physicians with expertise in various areas of thoracic disease. The strategy culminates with the goal of providing lung transplants at Northwestern in the next few years. With a strong background fostered at the Cleveland Clinic, Brigham and Women’s Hospital and Beth Israel Deaconess Medical Center, Dr. DeCamp comes to Northwestern with the academic, educational, surgical and organizational skills to make this a reality very quickly.

The opportunities for thoracic surgery to flourish here are enormous. Dr. DeCamp has begun the process by meeting with key referring physicians here at Northwestern, at Children’s Memorial, at Northwestern Lake Forest and a variety of other communities in the Chicago area. He is working with NMH to develop a comprehensive marketing campaign tailored to highlight the depth and breadth of Thoracic Surgery.

While the division is currently a faculty of just two; that number will shortly be enhanced by a recruitment Dr. DeCamp expects to finalize soon via the addition of a pulmonary interventionalist. He is also recruiting a thoracic surgical oncologist to anchor a multi-disciplinary thoracic oncology program and a thoracic surgeon-scientist to establish a translational laboratory effort to utilize archived tissues as a bridge between investigational observations and clinical innovation. Dr. DeCamp looks forward to building on collaborative efforts with other scientists in the Lurie Cancer Center. With a solid (human) tissue bank available, he sees the opportunity to elevate current programs with outcomes to benefit patients suffering from thoracic cancers.

The future will likely bring Northwestern’s name to the forefront with the educational advances Dr. DeCamp has in mind. He envisions “VATS” (video-assisted thoracic surgery) and advanced therapeutic...
bronchoscopy courses that could be offered here in our N-CASE laboratory. He sees the potential to offer clinical services to the North Shore and the VA; Dr. DeCamp looks forward to offering advanced training in general thoracic surgery and he is anxious to add lung transplantation to the Northwestern transplant portfolio.

Academically, his plans include mentoring Dr. Alberto de Hoyos, whose work in minimally invasive surgery, advanced therapeutic endoscopy and robot-assisted procedures is further enhanced by his advanced training in both pulmonary medicine and thoracic surgery. The division will continue to provide individualized treatment plans emphasizing minimally invasive surgery. Bringing this potential to fruition will be a natural outcome of Dr. DeCamp’s proven ability to build the kind of patient-focused, multi-disciplinary teams necessary to provide world-class care for those with thoracic cancers, swallowing disorders, complex airway diseases and advanced lung disease.

With the development of these programs, Dr. DeCamp will make Northwestern the only academic medical center in our geographic area with comprehensive and integrated research, educational and clinical programs providing diagnostic, staging and therapeutic interventions which will meet our patients’ and referring physicians’ needs in a culture of investigation and innovation.

Written By Victoria F. Elliott
Message From the Chair:

Nathaniel J. Soper, MD
Loyal and Edith Davis Professor and Chair
Department of Surgery
Northwestern Feinberg School of Medicine

September 1st ushers in the new fiscal year, so this date marks a good time to look back on the doings of the previous year and discuss plans for the one to follow. I will therefore highlight some of the notable happenings in the Department of Surgery and medical center.

The Northwestern medical institutional partners have moved into the implementation phase of developing a truly great academic medical center—now trademarked as ‘Northwestern Medicine’. The aim is to achieve top 10 status for both the medical school and hospital by the year 2020. Although ‘surgery’ is not a specific field recognized in the published rankings, departmental members have had a major impact on our profile. This year’s U.S. News and World Report rankings demonstrated a huge improvement in the rank of the cardiology and heart surgery service to #14, the highest rated heart program in Chicago history. Digestive disorders moved up to #22 in the U.S. after being unranked the prior year. Although these indicators of progress, there is a long way to go in achieving our goals.

Northwestern Memorial Hospital has been bursting at the seams with high patient census for the past several months. Several initiatives are underway to address this capacity issue. Demolition work has begun on four floors of the Galter Pavilion to create additional inpatient beds and a new ICU. Capital has been approved to build 3 new O.R.s on the 5th floor of the Feinberg Pavilion. Plans are being developed to build a new ambulatory care facility across Erie St. from the emergency department, which will include a new suite of outpatient operating rooms. These building programs should help increase capacity on-site for the next few years prior to the anticipated construction of a new med/surg pavilion at the site of the old Lakeside V.A. Hospital.

Early in 2010 Northwestern Memorial Hospital and Lake Forest Hospital merged, creating Northwestern Lake Forest Hospital as an entity within Northwestern Memorial Health Care. Ultimately, there will be opportunities to expand the footprint of the Department of Surgery to the north; the Division of Vascular Surgery has already established an outpatient and limited inpatient service at NLFH, and other specialties are assessing the possibilities for expansion and partnering with our north campus to enhance patient access to Northwestern surgical expertise.

The central focus for any department of surgery is to deliver exceptional patient care. The recruitment of Dr. Mac DeCamp heralds the gearing-up of Thoracic Surgery at the medical center. He recently hired a mid-level academic surgeon, Dr. Shari Meyerson, who will be joining us in October. Her areas of expertise revolve around the treatment of thoracic cancer, video-assisted thoracic surgery and surgical simulation. The next planned recruitment is a surgeon-scientist to coordinate and advance translational research within the division. Initial efforts of the division will be directed at strengthening thoracic oncology, but ultimately programs in benign disease, including lung transplantation, will follow.

Other notable events of this past year include the resignations of two long-standing division chiefs. Bill Pearce in Vascular Surgery and Tom Mustoe in Plastic and Reconstructive Surgery will relinquish their administrative roles, but remain active clinically and academically. We thank them for their many years of outstanding leadership in the department. Searches are underway to appoint strong individuals to lead these very successful divisions into the future.

Surgical education continues to be a strength at Northwestern. All five of last year’s graduating chief residents matched at strong fellowships. This year’s intern class is absolutely stellar, and will undoubtedly continue the trend of top-notch trainees. The general surgery residency was evaluated by the RRC and received reaccreditation for four years. The new affiliation with MacNeal Hospital has been a resounding success for our residents and medical students. New educational initiatives include introducing ‘Just in Time Teaching’ techniques to our didactic conferences and initiating a research program assessing the optimal techniques for intraoperative procedural teaching, the ‘holy grail’ of education in surgical specialties.

The research program in the Department of Surgery continues to flourish. Over the past 3 years our research awards have doubled, and the department now ranks 19th among all surgical departments in the U.S., up from #38 just three years ago. In addition to basic science pursuits, departmental faculty have become very involved in outcomes research and trialing novel devices and techniques. Programs in natural orifice surgery, percutaneous heart valves, and endovascular therapy are but examples of the many minimally invasive procedures being performed at the medical center. We believe that surgical innovation is a key attribute of our group as we strive to achieve our motto, “Safer Surgery Today, Better Surgery Tomorrow”.

Kudos to several faculty members: Melina Kibbe was awarded the Presidential Early Career Award for Scientists and Engineers at a White House ceremony in January. The following faculty were promoted during the academic year: Drs. Carla Pugh, Julia Corcoran and Marie Randell became Associate Professors, Anat Roitberg-Tambur was promoted to Research Professor, and Mark Morasch became a Professor of Surgery. Congratulations to these individuals and the rest of our outstanding faculty who continue to pursue excellence in patient care, education, and research.

Given the impending changes in U.S. healthcare, we are anticipating many challenges moving forward. My strong belief is that by keeping the patients’ interests foremost in all of our activities, we will be able to move forward in a rational manner. We live in interesting times and will need to be able to move nimbly as we react to upcoming changes in the healthcare environment. However, this past year has seen many positive developments in the Department of Surgery, giving us every reason to be optimistic about our future.

Respectfully submitted,
Nathaniel J. Soper
Research Update

Our goal three years ago was to increase federal awards by 50% over a 5-year timeline and advance the Feinberg Department of Surgery into the top 20 on a national level. Over the past 3 years, federal research awards have increased 100% among our faculty members. According to the Blue Ridge Institute for Medical Research of released rankings of medical schools according to NIH funding (March 2010 http://www.brimr.org/NIH_Awards/NIH_Awards.htm), for the last three federal fiscal years Feinberg School of Medicine Department of Surgery rose to a rank of 38th in 2007, and to the 27th position in 2008, and just last year rose to 19th in the United States.

The research enterprise within the Department of Surgery has had its most productive year ever. For the period of 9/1/09 – 6/15/10, the Department of Surgery submitted 63 new proposals valued at over $49 million total costs. During the same period, the Department of Surgery received 26 new awards (federal, non-federal and industry), totaling $6.528 million, including $5.43M in federal awards. This will further enhance our research ranking in 2010. The department has also received new funding on 27 clinical trials and industry agreements.

Federal Awards: 14
Total Direct Costs awarded FY10 = $5,434,550

Non-Federal Awards: 12
Total Costs awarded FY10 = $1,094,326

Total Awards: $6,528,876

Resident involvement in research has been very strong. Melissa Hogg, MD, Matthew Stouch, MD, and Edward Auyang, MD were this year’s Kanavel Surgical Scholar Awardees for their exemplary research activity. The PGY-3 residents (and faculty mentor) who began their 2-year laboratory experiences July 2010 are: Jessica Naiditch (Marybeth Madonna, MD), Akhil Seth (Robert Galiano, MD), Ashley Hardy (Jackie Jeruss, MD, PhD), and Joseph Phillips (David Bentrem, MD).
Surgical Education Update

Medical Student Programs

The first year of the newly designed clerkship was very well received by both students and faculty. Under the leadership of Dr. Julia Corcoran, Clerkship Director, and Susan Santacaterina, MHPE, Associate Director, the clerkship now offers additional clinical sites and rotations, as well as an increase in faculty. Clinical sites now include inpatient and outpatient rotations at MacNeal Hospital, the VA Hospital and Children’s Memorial Hospital. Faculty within Cardiothoracic, Transplant, and Plastics have begun working with students. Students have thoroughly enjoyed these new experiences, one student remarked, “MacNeal was a great rotation, a busy service with opportunities to be very involved in patient care and learn a lot about general surgery.” Another student said that the best part of the surgery clerkship was, “General Surgery at the Veteran's Hospital - I loved working with the patient population and felt like I had a great opportunity to get involved with the team.”

The clerkship was well represented at the annual Association for Surgical Education conference this year. Dr. Nabil Issa and Dr. Julia Corcoran each had studies accepted for presentations. Also, Dr. Corcoran won the 2010 Phillip J. Wolfson Outstanding Teaching Award.

Jeffrey Hotaling was the recipient of the 2009 Julius Conn Award, an annual award given to the best performing surgery clerkship student.

New 4th Year Boot Camp: Dr. Nabil Issa, Dr. Julia Corcoran, and Susan Santacaterina developed a new curriculum for a fourth year surgical elective described as “Surgical Boot Camp”. This course is designed to prepare the 4th year student for the rigors of the surgical internship. Examples of learning activities include “Simulated OR Patient Pages,” patient management challenges typically encountered by PGY-1 residents and technical skills development in the N-Case laboratory. The course was approved by the NUFSHOM Curriculum Committee and will be offered as a Spring elective in 2011.

Resident Programs

Edelstone-Bendix Day

The 2010 Edelstone-Bendix Residents’ Day was held on Friday, June 18th, 2010. The day’s events featured presentations by residents and fellows and showcased their outstanding work in both clinical and basic science research. This year’s guest lecturer and scientific paper judge was David L. Dunn, M.D, Ph.D., Vice President for Health Sciences, Professor of Surgery, Microbiology and Immunology at the University at Buffalo, SUNY. The Edelstone-Bendix Day concluded with the graduation dinner held at the Omni Chicago Hotel on Michigan Avenue. Approximately 160 of the Department of Surgery’s faculty, fellows and residents attended the annual dinner which honors the Department’s graduating fellows and residents.

The following graduates were the guests of honor at the dinner:

Pediatric Surgery: Alexander Dzakovic, MD
Transplant Surgery: Nitin Katarija, MD & Martin Wijkstrom, MD
Breast Surgery: Firas Eladoumikdachi, MD & Claudia Perez, DO
Surgical Critical Care: Jane Lee, MD & Mamta Swaroop, MD
Vascular Surgery: Manuel Garcia-Toca, MD & Peter Naughton, MD
Plastic Surgery: Peter Kim, MD & Clark Schierle, MD
General Surgery: Daniel Abbott, MD  Laleh Melstrom, MD
Karl Bilimoria, MD  Daniel Popowich, MD
John Linn, MD

(Continued on page 6)
A number of awards were given to fellows and residents for outstanding performance. We congratulate the following recipients for their hard work and dedication:

Edward Auyang, MD, Melissa Hogg, MD, and Matthew Strouch, MD were this year’s Kanaval Surgical Scholar awardees. Along with presenting their research earlier in the day, they were also awarded a monetary prize of $1000.

There were three open competitions for research excellence. The winners received monetary awards for winning in their respective categories. The winners were as follows:

Fellow Open Competition: Manuel Garcia-Toca, MD
Resident Clinical Research Competition: Colleen Jay, MD
Resident Basic Science Competition: Ashley Vavra, MD

The Chief Resident Presentation award, which was based on the graduating residents’ Edelstone-Bendix Residents’ Day presentations, was awarded this year to Daniel Popowich, MD.

Introduced this year was the Fellow as Teacher Award which goes hand-in-hand with the Resident as Teacher Award. These awards are given to those Department of Surgery fellows and residents who meet a series of eligibility criteria. Awardees are regarded as excellent role models as physicians and learners to their peers, students and other health professionals. They were noted to make teaching a purposeful activity in their daily efforts and reliably participate in Department of Surgery education-related activities and reporting systems.

This year, we are pleased that the following fellows are the recipients of the Fellow as Teacher Award:

Alexander Dzakovic, MD  Pediatric Surgery Fellow
Manuel Garcia-Toca, MD  Vascular Surgery Fellow
Nitin Katarija, MD  Transplant Surgery Fellow
Jane Kayle Lee, MD  Critical Care Fellow
Sachin Phade, MD  Vascular Surgery Fellow
Juan Rocca, MD  Transplant Surgery Fellow

The following residents are the recipients of the Resident as Teacher Award:

Daniel Abbott, MD (PGY5)  Akhil Seth, MD (PGY3)
John Linn, MD (PGY5)  Daniel McCarthy, MD (PGY2)
Marco Ellis, MD (PGY4)  Jason Souza, MD (PGY2)
Jessica Naiditch, MD (PGY3)
Continued….. Surgical Education Update

An award was presented to the two 2009-2010 General Surgery Administrative Chief residents for their leadership and commitment to the general surgery residents. Drs. Daniel Abbott and Laleh Melstrom crystal awards in recognition of their hard work and dedication.

We wish a warm welcome to the new PGY-1 Department of Surgery Residents and Fellows:

General Surgery: Brett Duncan, Carlie Kennedy, Jacqueline Lee, Ran Bill Luo and Ravi Rajaram
Preliminary Surgery: Mor Ben Barak, Dilraj Grewal, Laura Moreno, Ahsun Riaz and Colin Rock
Vascular Surgery: Courtney Daly, Gregory Feldman and CJ Lee
Plastic Surgery: Michael Gart and Sumanas Jordan
Breast Surgery: Valerie Brutus
Cardiac Surgery: Ramesh Pamula and Koji Takeda
Critical Care: Adel Abuzeid
Pediatric Surgery: Rashmi Kabre Swanson
Transplant Surgery: Bishwajit Bhattacharya and Alex Dzakovic

The Carnegie Foundation for the Advancement of Teaching published the famous Flexner Report entitled “Medical Education in the United States and Canada” in 1910. What is considered the New Flexner Report was released this month by the same Carnegie Foundation – the report is entitled “Educating Physicians: A Call for Reform of Medical School and Residency” and was written by Molly Cooke, David Irby and Bridge O’Brien. The report (in book format) describes the current status of medical education, highlights innovations and advancements practiced at various medical schools, and recommends future directions. We are proud to state that the authors chose only two surgery programs to visit and observe their work, and our department of surgery was one of the two. The authors, having spent two days in our department, highlighted in the book a) innovations such as the surgery clerkship’s longitudinal outpatient clinic format, b) our apprenticeships, and c) describes the role of our department’s educator. They also referenced one of our educational research publications. It is a positive reflection on our department’s educational programs to have innovative features acknowledged in the “Flexner Report 2010”.
Breast Surgery Center Update

**Education:** This year, two Breast Fellows completed their training in the Breast Center; Claudia B. Perez, DO who will be going to Loyola Medical Center in Maywood, Illinois and Firas Eladoumikdachi, MD who will be going to Ohio to help establish a local breast center.

This coming academic year, two new fellows will join the Breast Center, Elizabeth Revesz, MD and Valerie Brutus, MD. Dr. Revesz completed her residency at Saint Joseph Hospital, Chicago, Illinois and Dr. Brutus completed her residency at Brooklyn Hospital Center, Brooklyn New York.

**Clinical:** The Lynn Sage Comprehensive Breast Center under the direction of Dr. Nora M. Hansen has been awarded the National Accreditation Program for Breast Centers Certification Award from the American College of Surgeons. Additionally, the Breast Surgery Clinic has become part of the new Women’s Cancer Program of the Robert H. Lurie Comprehensive Cancer Center. Dr. Hansen notes that by being a part of the Women’s Cancer Program patients will benefit by the integration of services of the Breast Surgery Center, Medical Oncology and Gynecological Oncology. The Prentice Hospital 4th floor space previously occupied solely by the Breast Center has been renovated and is now named the Maggie Daley Center for Women’s Cancer Care in honor of the wife of Mayor Richard Daley. Also, a brand new section of supportive oncology care has been established in new space on the 5th floor of the Prentice Building. This section offers patient support in the areas of health information, fertility preservation, nutrition, rehabilitative needs, integrative medicine and emotional and practical life issues.

**Research:** Please see detailed information in the Newly Funded Projects section on page 19.
Cardiac Surgery Update

Research: Drs. McCarthy (PI) and Malaisrie (Co-I) are participating in the Edwards Lifesciences 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.

Dr. McGee (PI) is participating in the HeartWare® Ventricular Assist System (VAS) for Destination Therapy of Advanced Heart Failure Trial to evaluate a new heart assist device as a treatment for end stage heart failure patients who are not candidates for a heart transplant.

Dr. McGee (PI) is also participating in the HeartWare® Ventricular Assist System for the Treatment of Advanced Heart Failure to evaluate a new heart assist device as a treatment for end stage heart failure patients who require circulatory assistance while waiting for a heart transplant.

Education: The 4th Annual CT Surgery Alumni and Graduation Day took place on June 18th, 2010. Dr. Marc Gillinov, the Judith Dion Pyle Chair in Heart Valve Research at Cleveland Clinic, was our honored guest.

Dr. McCarthy both directed the course entitled “Minimally Invasive Surgical Treatment of Atrial Fibrillation” at the Society of Thoracic Surgeons (STS) University and served as the moderator for the Parallel Surgical Forum III: Adult Cardiac I Session at the STS Annual Meeting in January 2010.

Dr. Edwin McGee directed the course entitled “Mechanical Circulatory Support for Cardiogenic Shock” at STS University in January 2010.

Dr. Richard Lee both served as a faculty member for the course entitled “Pacemaker Lead Removal/Electrophysiology for the Cardiac Surgeon” at STS University and presented “Changing Outcome Characteristics of Multiple Valve Surgery: A 15-Year Perspective” at the STS Annual Meeting in January 2010.


Dr. Lee presented “Perioperative Statin Therapy Reduces Mortality in Normolipidemic Patients Undergoing Cardiac Surgery” and “The Surgical Treatment of Atrial Fibrillation Restores Expected Survival in Patients Undergoing Valve Surgery” at the Annual Meeting of the Western Thoracic Surgical Association in June 2010.

The BCVI Summer Student Program, directed by Dr. Lee, Anna Huskin, and Michael Yensel, kicked-off its fourth year in June with over 20 medical students participating. The students learned about careers in cardiac surgery through shadowing clinical rotations, observing in the OR, and attending weekly journal clubs and lectures. One of the students, Caleb Hsieh, was one only 29 students nationwide to be awarded a Summer Intern Scholarship from AATS.

Muthiah Vaduganathan, an alumnus of the 2009 BCVI Summer Student Program, presented “Midterm benefits of perioperative statin therapy in patients undergoing isolated valvular heart surgery: 5-year surgical experience” at the Annual Scientific Session of the American College of Cardiology in March 2010.

The BCVI physician shadowing program for Northwestern University undergraduate students, co-directed by Dr. Lee, Michael Yensel, and Susan Fox, has introduced over 150 students to the field of medicine since the program’s inception in Fall 2008. Students have the opportunity to shadow a physician in a variety of 19 disciplines.

Clinical Care: The Bluhm Cardiovascular Institute (BCVI) is proud to announce that it is now ranked among the nation’s most elite heart and heart surgery programs in the 2010 edition of U.S. News & World Report’s “America’s Best Hospitals.” The #14 ranking makes the BCVI the highest rated heart program in Chicago history.

Reflecting the growing success of the BCVI, the program was recently featured on the Cardiothoracic Surgery Network (CTSNet). The article details the ascent of the program under the leadership of Dr. Patrick McCarthy, and is available at the following link: http://www.ctsnet.org/sections/residents/programprofiles/article-6.html
Research: Dr. Carla Pugh has received a $2 million grant by the National Institutes of Health and will begin a 5 year study that will help doctors define the proper techniques of breast examination with the use of simulators. Dr. Pugh was also awarded an ‘Excellence in Academic Medicine’ grant by the State of Illinois for the ‘Use of Decision-Based Surgical Simulators to Assess Intra-Operative Performance: A Focus on Operating Room Efficiency, Patient Safety & Team Communication’.

Education: Dr. David Mahvi was invited as a ‘visiting professor’ at Methodist Hospital in Houston, Texas, the University of Iowa, Iowa City, and at the University of Wisconsin, Madison, where he presented the talk “Translating Academic Pursuits into Medical Innovations”.

Carla Pugh MD, PhD, was an invited speaker at this year’s CASE celebration at the Museum of Science & Industry. The Center for the Advancement of Science Education (CASE) was created by the museum to encourage and inspire children in the study of science, technology, medicine and engineering. The event is held to honor the achievements of students and teachers who participate in the Center’s programs.

Clinical Care: The new Women’s Pelvic Health Center opened its doors in February of this year. Created to provide comprehensive care for women with pelvic floor disorders, the center is comprised of urologists, urogynecologists, colon and rectal surgeons. Our Division’s own Anne-Marie Boller MD and Amy Halverson MD make up part of the Northwestern team that is committed to the development and success of this important center. The center is unique in that it houses specialists under one roof so patients do not have to travel to different locations. It is located in the Arkes Family Pavilion at 676 N. St. Clair Street in Suite 950.

News & Events: Dr. Alex Nagle participated in the March trip to Guatemala through ‘Faith in Practice’, a charitable organization that provides medical care to the poor. Mission teams travel to the most remote and poorest parts of Guatemala to provide medical, surgical, dental care and referrals to hospitals throughout Guatemala. Founded in 1992 the first surgical team consisted of 12 members. Now with more than 800 volunteers they served more than 17,000 patients in 2008. The group’s mission is to improve physical, spiritual and economical conditions for the people.

Honors/Awards: Congratulations to our Division Chief, Dr. David Mahvi. He has received the 2010 Physician Clinical Excellence Award for Clinical Collaboration from the Northwestern Medical Faculty Foundation.

Remi Love, Administrative Assistant to Drs. Halverson and Wayne was nominated in the category of Service Excellence/Administrative Role within the Northwestern Medical Faculty Foundation. Remi has been with the Department of Oncologic Surgery for 10 years. The Division would like to thank Remi for her hard work and dedication.
Organ Transplantation Surgery Update

Late 2009 and early 2010 have been very productive in all aspects for the Division of Organ Transplantation. Grant funding has continued to grow dramatically, existing collaborations such as NUTORC are experiencing significant success, and new collaborations and proposals are off to promising starts. Additionally, the clinical, administrative, and clinical research staff have relocated to a new 24,000 square foot space. With ever-growing basic, clinical, and translational research, a leading clinical program in volume, outcomes, and innovation, top fellowships, and a new space to support further growth, transplant at Northwestern continues to shore up its position among the top few academic transplant centers in the world.

Research: Last year, transplant faculty received four major (> $1M in total funding) grants. Work has begun on all four. First, Drs. Michael Abecassis, Daniela Ladner, and Talia Baker have successfully renewed Northwestern’s Adult-to-Adult Living Donor Liver (A2ALL) consortium grant. Only nine transplant centers were funded by NIH for this consortium, which has decided to focus its second five-year cycle in part on patient safety and quality of life issues, which align perfectly with the Northwestern University Transplant Outcomes Research Consortium (NUTORC) in the Comprehensive Transplant Center. Dr. Ladner is co-chairing the committees on safety and quality of life, assuring Northwestern will be a leader in key aspects of this consortium. Additionally, Drs. Abecassis, John Friedewald, and Josh Levitsky were funded by NIH to lead a consortium in the CTOT renewal (Northwestern was a participating consortium site in the first round of funding.). In collaboration with the Scripps Research Institute and industry, the grant focuses on genomic and proteomic markers of acute rejection and chronic kidney injury (CAN/IFTA). Dr. Dixon Kaufman was awarded a grant as a lead site on the NIH clinical islet transplantation consortium, where Northwestern has performed the most transplants and achieved the greatest number of insulin-independent patients. Last, Dr. Abecassis, Dr. Bing Ho, and Luke Preczewski were funded by a pharmaceutical company to develop software in collaboration with the EDW and NUBIC for integrating transplant data. In addition to these four grants of more than $1M, the division received many small and medium-sized grants, and continues to rapidly expand its research enterprise. The division is wrapping up a joint recruitment with the center for genetic medicine of a computational biologist from a leading center to develop software in collaboration with the EDW and NUBIC for integrating transplant data. In addition to these four grants of more than $1M, the division received many small and medium-sized grants, and continues to rapidly expand its research enterprise. The division is wrapping up a joint recruitment with the center for genetic medicine of a computational biologist from a leading center to develop software in collaboration with the EDW and NUBIC for integrating transplant data. In addition to these four grants of more than $1M, the division received many small and medium-sized grants, and continues to rapidly expand its research enterprise. The division is wrapping up a joint recruitment with the center for genetic medicine of a computational biologist from a leading center to develop software in collaboration with the EDW and NUBIC for integrating transplant data.

Education: The division continues its efforts both to run top clinical fellowships at Northwestern and to shape the national curriculum for transplant surgery. Additionally, the program recruited two new post-doctoral fellows to its NIH-funded T32 training program. One will work with Dr. Zeeshan Butt in quality of life research in transplant patients and the other will work with Dr. Xunrong Luo in transplant immunology. Colleen Jay, MD, the first graduate of our T32 outcomes research fellowship returned to the clinical residency slot having established an impressive record of peer-reviewed publication. Our surgical fellowship matched two fellows for the 2011 academic year. Nationally, more than half the transplant surgery fellowship slots went unfilled, so the fact that our program matched both slots speaks to the excellent reputation it has earned.

Clinical Care: The division continued its tremendous clinical success, drawing press attention for its successful performance of an eight-way domino living donor kidney transplant, the largest ever at a single center. And in May, the program relocated to a new 24,000 square foot clinic and administrative space. This move brought together clinicians and clinical researchers from six different locations on campus to consolidate care, and it significantly expanded the clinical capacity to allow for growth. The clinical program has maintained its status as the top program in Illinois for all organs and a top-five program nationally in terms of volume, while maintaining excellent outcomes. The living donor liver transplantation program has been reinvigorated since Dr. Talia Baker took over leadership and has returned to being one of the top two programs nationally by volume. Aligned with the A2ALL research effort and in light of the challenges of organ availability in Illinois, we expect careful growth in this area of the program to make this available to carefully selected patients with end-stage liver disease.
Plastic Surgery Update

Plastic surgery has had an active year. Dr. Mustoe is stepping down as Chief after 19 years but will continue to be involved in clinical and academic activities within the department.

Research: On the research front, Dr. Mustoe has been awarded a one year grant totaling $300,000 from the Department of Defense to look at the behavior of stem cells in wound healing, with an anticipated second year of funding. Dr. Jordan Steinberg, a third year resident won a national competition to receive one of three $50,000 grants from the Plastic Surgery Education Foundation. His proposal is to study stem cells as a potential therapy for ischemia reperfusion injury in a rabbit ear model. Dr. Galiano continues his clinical wound healing efforts with grant support from Excaliard totaling $600,000. Dr. John Kim has received an unrestricted grant totaling $35,000 to perform clinical studies on dermal matrix in breast reconstruction and industry grants form Covidien and Mentor totaling $100,000. Grant submissions on scarring as part of a NIH P50 have also been submitted.

Education: On the education side, the rotation at the Veterans Administration Hospital has been a success under the leadership of Dr. Gregory Dumanian. Already, there is a several month backlog for reconstructive hand, limb, and body surgery. Drs. John Kim and Thomas Mustoe will also begin to work there in the late summer of 2010. The junior residents have been more integrated within the structure of the residency this year, with a new microsurgery skills course and a lecture series designed for them. The match successfully concluded with the addition of Michael Gart from Brown University and Jordan Sumanas from Emory University and Georgia Tech where she completed a PhD in Biomedical Engineering. We are extremely enthusiastic about both as they excelled in medical school and were highly recruited candidates from programs around the country.

Clinical: From a clinical perspective, the Division has rebounded substantially from the economic downturn in 2009 and is having a solid year. At Childrens Hospital a search is underway for a new Chief, and the service remains robust as a result of the work by Drs. Julia Corcoran and Frank Vicari.
Thoracic Surgery Update

Thoracic Surgery enjoyed several notable achievements in the past year. Most significant was the recruitment of Dr. Malcolm DeCamp as Chief of the newly created Division of Thoracic Surgery. Dr. DeCamp joined Northwestern after most recently serving as Visiting Associate Professor of Surgery at Harvard Medical School and Chief of Cardiothoracic Surgery at Beth Israel Deaconess Medical Center in Boston. Dr. DeCamp is focused on elevating the program through development of multidisciplinary programs in thoracic oncology, swallowing disorders and advanced lung diseases (see lead story).

Research: Northwestern was selected as one of eight U.S. institutions to participate in the American College of Surgeons (ACS) Commission on Cancer/Society of Thoracic Surgeons (STS) ProvenCare Lung Cancer Collaborative. This pilot trial aims to define evidence-based best practices in lung cancer care and to examine whether reliably adhering to these standards results in improved outcomes and lower cost.

Education: Thoracic Surgery provided unique educational offerings such as the first Dilational Percutaneous Tracheostomy Course in Chicago, regional hands-on training in VATS Lobectomy and CME training in Aerodigestive Endoscopic Interventions to a national audience during the STS annual meeting.

The annual Shields Lectureship was held in May 2010. The guest lecturer, Dr. Richard Feins from UNC Chapel Hill, spoke on strategies to incorporate simulation into surgical education.

The 6th Annual Thoracic Surgical Oncology Nursing Conference was held in May 2010.

Dr. DeCamp was invested as the Fowler McCormick Professor of Surgery in June 2010.

Clinical Care: Thoracic Surgery was awarded the Excellence in Academic Medicine Award from the Illinois Department of Healthcare and Family Services for their proposal to develop an integrated thoracic oncology program at Northwestern.

In collaboration with Dr. Eric Hungness, and for the first time in Illinois, Dr. Alberto de Hoyos achieved successful placement of diaphragmatic pacemakers in four ventilator dependent patients.

Thoracic Surgery is pursuing a mid-career thoracic surgeon to replace Dr. Matt Blum (after his departure in February), a thoracic surgeon-scientist to establish a translational research laboratory, and other key recruits in Pulmonary Medicine, Radiation Oncology, Medical Oncology and Pathology to develop the thoracic disease programs.
The division remains extremely busy in support of its mission to provide clinical excellence, outstanding scientific citizenship and exemplary teaching.

**Research:** The division faculty continues activity in diverse research areas. Dr. Gary An’s program of computational biology, funded by the National Science Foundation, has been extraordinarily productive with numerous papers and presentations nationally and internationally. Support for Dr. Marie Crandall’s investigation of behavioral patterns in trauma was renewed by the Robert Wood Johnson Foundation. As an outgrowth of this the division is looking to participate as a sponsoring center with CeaseFire, a national organization that intervenes locally to reduce retaliation and recidivism in violent injury. Dr. Nabil Issa’s research in paradigms of learning was presented at the Association for Surgical Education, and Dr. Issa continues his collaboration with Debra DaRosa, PhD, in Surgical Education. Dr. Michael Shapiro remains active in the NIGMS Glue Grant Program investigating genomic responses in inflammation and sepsis. Faculty is well represented in the working and scientific committees of local and national organizations in trauma and critical illness.

**Education:** The Surgical Critical Care Fellowship completed its first year this June and graduated two fellows. Dr. Adel Abuzeid will begin the program in July. Division faculty are responsible for the educational content of three resident rotations: trauma and emergency surgery, surgical critical care, and night float. The faculty has consistently received accolades from residents and students for their commitment and excellence in teaching. Dr. Issa has assumed a leadership role in the medical students Surgery Rotation Curriculum. The division offers an elective rotation in Trauma and Emergency Surgery that has proven extremely popular with fourth year students, both locally and abroad.

**Clinical Care:** Clinical volumes and acuity in our core areas of trauma, acute care surgery and surgical critical care have persisted at extremely high levels. The trauma program remains a level I center in the state of Illinois. Faculty undertakes rigorous review of practice and outcomes to assure provision of the highest quality of care. Dr. Shapiro serves as Co-Chair of the hospital based Leadership Committee, which has worked to optimize patient care across customary boundaries and partnership with leaders from Anesthesia, Pulmonary Medicine, and Neurology.
Vascular Surgery Update

Dr. Pearce recently announced that he was stepping down as chief of the division. He will maintain an active practice while splitting his time among NMH, the VA and Northwestern NLFH.

Research: At the annual meeting of the Society for Vascular Surgery (June 10-12, 2010), Dr. Melina Kibbe was presented the SVS Women’s Leadership Training Grant. The purpose of the grant is to provide opportunities for training in leadership skills to women at the beginning of their vascular surgery careers.

Dr. Melina R. Kibbe was among 100 researchers to receive the Presidential Early Career Awards for Scientists and Engineers (PECASE), the highest honor bestowed by the United States Government on young professionals in the early stages of their independent research careers. Awardees were selected on the basis of their “pursuit of innovative research at the frontiers of science and technology and a commitment to community service as demonstrated through scientific leadership, public education, or community outreach.” The awards were presented January 13, 2010, at a White House ceremony.

Education: The 34th annual Northwestern vascular symposium (Vascular Surgery—A Manual for Survival) was held in Chicago, IL, December 10-13, 2009. The symposium focused on assessment and treatment of various vascular diseases. Sixty-four world-renowned physicians presented on their areas of expertise. One-hundred-sixty-five registered attendees represented the United States, Ireland, Mexico, and Germany. A book (Vascular Surgery: Therapeutic Strategies) edited by Drs. Eskandari, Morasch, Pearce, and Yao was published in conjunction with the symposium and contains summaries of the presentations.

The second trainee for the Vascular Surgery Scientist Training Program (T32 grant) started on April 19. Michael S. Park, MD will work with Dr. Mark Eskandari and Dr. Min-Woong Sohn in the area of outcomes research. Two additional trainees, Elaine Gregory and Monica Rodriguez, started work in Dr. Kibbe’s basic science laboratory on July 1.

At the Edelstone-Bendix dinner on June 18, Drs. Manuel Garcia-Toca and Sachin Phade, Vascular Surgery fellows, received the Department’s Fellowship Teaching Award. This award is presented to fellows based on evaluations of their teaching techniques by residents.

Clinical Care: Drs. Pearce, Morasch, Eskandari, and Rodriguez have been granted privileges at the Rehabilitation Institute of Chicago. Drs. Pearce and Eskandari have initiated a satellite vascular surgery program at NLFH.

With Gratitude

The Division of Vascular Surgery received a generous donation from the estate of Mrs. Marjorie Lanterman in memory of her husband Mr. Joseph Lanterman, who preceded her in death. Mr. and Mrs. Lanterman were longtime patients and friends of the Division. A portion of the funds was used to create two endowed chairs in the Division: The James S. T. Yao, MD, PhD, Professorship of Education in Vascular Surgery and the John F. Marquardt, MD, Clinical Research Professorship of Vascular Surgery. Dr. Mark Eskandari was named to the Yao professorship and Dr. Mark Morasch was named to the Marquardt professorship.
The Surgical Scope

Children’s Memorial Hospital Update

Construction of the Ann & Robert H. Lurie Children’s Hospital continues on-time toward completion in 2012. We anticipate numerous improvements at Lurie Children’s including increased space, better facilities and adjacency to the Feinberg School as well as Northwestern Memorial and Prentice Women’s hospitals.

Research: Sunjay Kaushal, MD, PhD, is researching Cardioprotective Effects of Celastrol Against Toxicity Induced by Doxorubicin. MaryBeth Madonna, MD continues lab research of drug resistance and response to growth factors in neuroblastoma.

Education: Under the leadership of Julia Corcoran, MD, Clerkship Director for the Department of Surgery, the department now has 3rd-year medical students from Feinberg rotating through ambulatory and inpatient surgical services at CMH. Dr. Corcoran received the Philip J. Wolfson Outstanding Teacher Award from the Association of Surgical Education in April. Marleta Reynolds, MD, Surgeon-in-Chief, completed the Program for Chiefs of Clinical Services at the Harvard School of Public Health in January, 2010. Dr. Reynolds also presented to the Northwestern Medicine Leadership in March regarding the transition to Lurie Children’s. The presentation outlined the academic and clinical relationships between Northwestern and Children’s Memorial and the possibilities for greater collaboration upon our move downtown. In March, Katherine Barsness, MD, hosted the Advanced Minimally-Invasive Surgery Workshop for pediatric surgeons at N-CASE. Marybeth Browne, MD, has been invited to sit on the Program Committee for the Association of Academic Surgery for 2010-12.

Clinical Care: The ECMO Program received the ELSO Excellence designation from the Extracorporeal Life Support Organization. The award is given to ECMO centers demonstrating excellence in all aspects of extracorporeal life support including education, training, quality assurance, and other categories.

Carl Backer, MD, has been certified in Congenital Heart Surgery by the American Board of Thoracic Surgery through 2019. Dr. Backer was also appointed Chair of the Membership Committee for the American Association for Thoracic Surgery. Marybeth Browne, MD, and Erin Rowell, MD, earned Board Certification in Pediatric Surgery in March.

IS Update

Surgery Information Systems Expands Services

Overview: Beginning this Spring, Surgery IS took on a series of projects connecting Surgery to other Departments within the Greater Northwestern Community. These involve video-conferencing of clinical procedures as well as more conventional re-broadcast of “classroom-style” presentations. Each project brings new technology to the Department of Surgery and helps Surgery IS support its role as a partner within the Department.

Projects include:

Emergency Department (ED) re-design to take advantage of NU standard tools. ED and Surgery IS are piloting desktop, “network-friendly” video-conferencing to facilitate education on and off campus. The tools involved are low-cost and take advantage of web-based communication. Any location that can open a browser and see the web can participate in a full two-way session with picture and audio. Likewise, a remote user at home or on the road, connected by an average DSL network can connect and join the conference.

Gastroenterology (GI) procedure room re-design for conferencing and training. The GI Division together with Surgery IS is designing new procedure rooms to afford physicians three dedicated means of connecting: 1.) room to room video communication for intra-procedure discussion; 2.) video-conferencing to the outside world for education/training; and 3.) dedicated video conferencing to the DoS video facility in the Arkes Pavilion. Arkes Pavilion video-conferencing is done over a closed fiber network offering High Definition presentation of three simultaneous streams of information: field, scope, and instruments. Procedure video and stills will also be captured for research as well as for clinical review by members of the Department of Surgery.

Other Department notes:

Tom Kmiecik was named co-author on “Hormonal Criteria for Assessment of Menopause: Role of Anti-Mullerian Hormone” -- a paper for the 33rd Annual San Antonio Breast Cancer Symposium.

Phil Poland completed the first of two Cisco CNA certification exams, and is now certified as a CCENT.
Philanthropy Spotlight

A Most Fitting Honor

Gerald Ujiki, MD

To serve on the faculty at Northwestern University Feinberg School of Medicine is a great opportunity, one which represents the chance to be a part of an inclusive, diverse and excellent academic community. Gerald Ujiki, MD, joined the Northwestern community in 1955, earning his bachelor’s degree from the Weinberg College of Arts and Sciences. He continued at Northwestern University, earning his doctorate degree and completing his residency at the medical school before joining the faculty of the Department of Surgery, where he remains today as associate professor of clinical surgery. Over the last 40 years, Dr. Ujiki has cultivated an enduring bond with the department and University, and so, it was most fitting when Dr. Soper proposed that he be honored with an endowed lectureship fund.

The Gerald Ujiki, MD, Lectureship Fund will honor Dr. Ujiki’s leadership and teaching excellence by focusing on exciting advances in surgical education. The annual lectures will bring leading surgical educators from around the world to present at Northwestern University, interact with students and faculty members, and provide input into ongoing studies.

Thanks to the generosity of colleagues—such as the Northwestern Surgical Associates—fellow alumni, and grateful patients, the Gerald Ujiki, MD, Lectureship Fund has received contributions and commitments to permanently endow the fund.

Endowed lectures exist in perpetuity, forever advancing education as they honor the legacy of those for and by whom they are named. To learn more about the Gerald Ujiki, MD, Lectureship Fund or to discuss options for honoring individuals with your philanthropic support, please contact Courtney Weeks at (312) 503-3080 or cweeks@northwestern.edu.
VA Update

The Surgical Service at JBVAMC is affiliated both with Northwestern University and University of Illinois at Chicago (UIC). Clinical care and residency education are provided in General Surgery, Peripheral Vascular Surgery, Orthopaedics, Ophthalmology, Optometry, Podiatry, Urology, Otolaryngology and Thoracic Surgery.

In 2009, JBVAMC opened a new inpatient pavilion that includes 180 beds, 20 ICU beds, and eight operating rooms. In FY 2009, 20,148 individual veterans were evaluated and/or treated on an outpatient basis by Surgical Service that included a total of 84,238 patient visits. In FY 2010, we are on track to perform ~3,200 operative procedures that is a >20% increase in surgical volume over the past five years.

Research: The research program at JBVAMC has enjoyed a very productive year with Drs. David Bentrem, Melina Kibbe and Joshua Miller serving as our principal faculty investigators. The highlight of our year has been the recognition of Dr. Melina Kibbe at the White House as a Presidential Early Career Award for Scientists and Engineers (PECASE). PECASE is the highest honor given by the U.S. government to outstanding scientists and engineers who are in the early stages of their independent research careers.

Education: For the past several years, two NU residents have been funded annually by the VA to conduct research under the supervision of Drs. Bentrem and Kibbe. At the 2010 Association of VA Surgeons meeting, residents in Drs. Bentrem and Kibbe’s labs swept all of the awards for best presentations in both basic and clinical arenas, highlighted by the Best Presentation Award to Dr. Amanda Hayman.

Clinical: New programs in Bariatric Surgery and Plastic Surgery have been established within the past year. The addition of a Plastic Surgery resident under the supervision of Dr. Greg Dumanian has been an especially valuable addition to the repertoire of clinical service provided at JBVAMC. Provisional approval for a Renal Transplant Center has been obtained and we currently await final approval from VA Central Office in Washington. Planning is currently underway to add Neurosurgery to the clinical service.

In summary, Surgical Service at JBVAMC has enjoyed a successful year in its mission of education, research, and clinical service.
## Department of Surgery Newly Funded Projects, Fiscal Year 2010

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>SPONSOR</th>
<th>TITLE</th>
<th>BUDGET PERIOD</th>
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<tr>
<td>BREAST</td>
<td></td>
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<tr>
<td></td>
<td>Jeruss</td>
<td>The Oncogenic Significance of Cyclin Overexpression and Smad 3 Tumor Suppression</td>
<td>7/1/10 - 6/30/13</td>
<td>$173,411</td>
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<td></td>
<td>Khan</td>
<td>Gene Methylation and estradiol levels in random FNA samples as biomarkers for breast cancer risk</td>
<td>4/1/10 - 3/31/11</td>
<td>$149,928</td>
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<td></td>
<td>Khan</td>
<td>Transdermal Drug Delivery for Breast Cancer Prevention Using Combinations Between Drugs and Dendrimer Nanoparticles</td>
<td>4/1/10 - 3/31/13</td>
<td>$196,961</td>
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<td></td>
<td>Pugh</td>
<td>Validation of Sensoized Breast Models for High-Stakes Clinical Skills Assessment</td>
<td>9/30/09 - 9/29/14</td>
<td>$247,286</td>
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<td></td>
<td>Hungness</td>
<td>Endoscopic Management of Introperative Hemorrhage During Notes Procedures</td>
<td>2/2/10 - 12/31/11</td>
<td>$40,046</td>
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<td>Hungness</td>
<td>Transrectal Natural Orifice Translumenal Endoscopic Surgery (NOTES) appendectomy: A Feasibility Study</td>
<td>2/1/10 - 1/31/11</td>
<td>$70,000</td>
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<td>$357,332</td>
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<tr>
<td></td>
<td>Mustoe</td>
<td>Stem Cell Therapy for Healing Wounded Skin and Soft Tissues</td>
<td>5/1/10 - 4/30/12</td>
<td>$200,000</td>
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<td>Total Direct Costs Non Federal</td>
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<td>TOTAL NEW:</td>
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## Department of Surgery Newly Funded Projects, Fiscal Year 2010

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<td>NU JW07MI - Multicenter Selective Lymphadenectomy for Melanoma Trial II (MSLT-II): A Phase III Multicenter Randomized Trial of Sentinel Lymphadenectomy and Complete Lymph Node Dissection versus Sentinel Lymphadenectomy Alone in Cutaneous Melanoma Patients</td>
<td>9/30/09 6/30/10</td>
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<td>Wayne</td>
<td>NCI</td>
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<td>Association for Academic Surgery</td>
<td>7/1/09 6/30/10</td>
<td>$5,000</td>
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<tr>
<td>Bentrem</td>
<td></td>
<td>The Role of Snail in Pancreatic Ductal Adenocarcinoma Local Invasion and Disease Progression</td>
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<tr>
<td><strong>TRANSPLANT</strong></td>
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<td>Kaufman</td>
<td>NIAID</td>
<td>Clinical Islet Transplantation at Northwestern</td>
<td>9/30/09 7/31/12</td>
<td>$1,527,823</td>
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<td>Abecassis</td>
<td>NIDDKD</td>
<td>Living Donor Liver Transplant - Predictive Models</td>
<td>9/30/09 8/31/14</td>
<td>$242,118</td>
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<td>Abecassis</td>
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<td>Proteogenomics for Organ Transplant</td>
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<td>Abecassis</td>
<td>NIAID</td>
<td>Role of Toll-like Receptors in Transplant-Induced Reactivation of Cytomegalovirus</td>
<td>8/15/09 7/31/11</td>
<td>$150,000</td>
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<td>Abecassis</td>
<td>NIDDKD</td>
<td>ARRA Administrative Supplement: A2ALL Long-Term Donor Follow Up Study</td>
<td>3/17/09 1/31/11</td>
<td>$200,000</td>
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<td>Kaufman</td>
<td>NIDDKD</td>
<td>Integrated Islet Distribution Program (NIDDK/ICR)</td>
<td>2/11/10 8/26/14</td>
<td>$59,016</td>
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<td>Miller</td>
<td>VA Medical Center</td>
<td>IPA or Li Chen</td>
<td>2/1/10 8/21/10</td>
<td>$37,598</td>
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<td>Leventhal</td>
<td>DOD</td>
<td>Induction of Donor Specific Tolerance in Recipients of Living Kidney Allografts by Donor Stem Cell Infusion (DOD OAR#R/NFCTR)</td>
<td>7/1/10 6/30/12</td>
<td>$119,536</td>
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<td>Ison</td>
<td>NIAID</td>
<td>CASG 301 Influenz Natural History DMID #09-0037</td>
<td>9/1/09 7/31/10</td>
<td>$163,000</td>
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<td><strong>Total Direct Costs Fed-</strong></td>
<td><strong>$80,328</strong></td>
<td><strong>$5,000</strong></td>
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### Department of Surgery Newly Funded Projects, Fiscal Year 2010

<table>
<thead>
<tr>
<th>DIVISION</th>
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<th>BUDGET PERIOD</th>
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<td><strong>TRANSPLANT CONTINUED....</strong></td>
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<tr>
<td>Kaufman</td>
<td>JDRF Intn'l</td>
<td>Chicago Islet Consortium ICR at Northwestern</td>
<td>7/2/08</td>
<td>6/30/09</td>
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<tr>
<td>Kaufman</td>
<td>JDRF Intn'l</td>
<td>Chicago Islet Consortium ICR at Northwestern</td>
<td>7/2/08</td>
<td>6/30/09</td>
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<tr>
<td>Kaufman</td>
<td>CSL Behring LLC</td>
<td>Alpha-1-antitpsin effects on human islet cells for transplantation</td>
<td>5/1/10</td>
<td>4/30/10</td>
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<tr>
<td>Ladner</td>
<td>NMF Dixon</td>
<td>Comprehensive Risk Assessment to Improve Safety Processes in Kidney Transplantation</td>
<td>1/1/10</td>
<td>12/31/10</td>
</tr>
<tr>
<td>Leventhal</td>
<td>National Foundation to Support Cell Transplant Research</td>
<td>Induction of Donor Specific Tolerance in Recipients of Living Kidney Allografts by Donor Stem Infusion</td>
<td>1/1/10</td>
<td>12/31/10</td>
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<tr>
<td>Leventhal</td>
<td>Foundation of the American Society of Transplant Surgeons</td>
<td>2010 ASTS-Wyeth Collaborative Scientist Award</td>
<td>7/1/10</td>
<td>6/30/12</td>
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</table>

**Total Costs**

| | | | | |
| | Non Federal | | | |
| | $485,071 | | | |
| **TOTAL NEW:** | | | | $4,890,727 |

### VASCULAR

| | | | | |
| Kibbe/Ameer | NHLBI | A Revolutionary Therapy for Atherosclerosis: Liquid Cast Arterial Stents | 9/30/09 | 9/29/11 | $327,869 |

**Total Direct Costs Federal**

| | | | | |
| | $327,869 | | | |

| Eskandari | Cordis Corporation | Northwestern University Vascular Surgery Fellowship Grant | 2/11/10 | 2/10/11 | $35,000 |
| Kibbe | NMF | An Innovative Therapy for the Treatment of Atherosclerosis | 1/1/10 | 12/31/12 | $112,320 |

**Total Costs Non Federal**

| | | | | |
| | Non Federal | | | |
| | $147,320 | | | |
| **TOTAL NEW:** | | | | $475,189 |

### SUMMARY

| | | | | |
| | Total New Federal (Direct Costs) | | | $5,434,550 |
| | Total New Non Federal (Total Costs) | | | $1,094,326 |
| | Total New Awards FY10 as of | | | $6,528,876 |
| | 6/14/2010 | | | 26 |
## Industry Active Projects

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>SPONSOR</th>
<th>Project Description</th>
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<tbody>
<tr>
<td>GI/ENDO</td>
<td></td>
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<tr>
<td>Sturgeon</td>
<td>Veracyte, Inc.</td>
<td>Prot#: VERA001: Molecular Profiling of Indeterminate Thyroid Nodule Fine Need Aspirates to Determine Patterns Predictive of Benign or Malignant Disease 11/1/09 11/1/12</td>
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<tr>
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<tbody>
<tr>
<td>Galiano</td>
<td>HemCon Medical</td>
<td>Prot#: HC-NU-2009-01: An Evaluation of the Use of Chitosan Based Dressings to Facilitate Safe, Effective Debridement of Chronic Wounds in the Operating Room and Inpatient Ward Settings and the Minimize Bacterial Re-Colonization of Wounds 10/20/09 10/19/12</td>
</tr>
</tbody>
</table>

| Galiano  | Excaliard Pharm | EXC001-201: A phase 2, randomized, double-blind, within-subject, controlled, dose-ranging study to evaluate efficacy and safety of EXC001 for the treatment of incision scars in pannus of subjects undergoing an elective abdominoplasty 12/15/09 12/15/12 |

| Galiano  | Excaliard Pharm | EXC001-202: A phase 2, Randomized, Double-Blind, Within-Subject Controlled Study to Evaluate Efficacy and Safety of EXC001 for the Amelioration of Scarring of the Surgical Incision in Subjects Undergoing an Elective Abdominoplasty 12/16/09 12/15/12 |

| Galiano  | Excaliard Pharm | EXC001-203: A Phase 2, Randomized, Double-Blind, Within-Subject Controlled Study to Evaluate Efficacy and Safety of EXC001 for the Amelioration of Scarring Following Revision of Medial Scars Resulting from Prior Breast Reduction or Mastopexy Surgery in A 10/20/09 10/19/12 |

Please send an email to: surgerydept@nmh.org or contact 312.926.8060 with your questions, suggestions or requests to be added to the distribution list.

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).
# Industry Active Projects

<table>
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<th>DIVISION</th>
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<th>Project Description</th>
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<tr>
<td>TRANSPLANT</td>
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<tr>
<td>Abecassis</td>
<td>Novartis Pharm</td>
<td>Integrated Transplant Database Proposal</td>
<td>3/2/10</td>
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<tr>
<td></td>
<td></td>
<td><strong>Prot#: 0468E6-4559:</strong> The Generation of Regulatory T-Cells in Mixed Lymphocyte Reactions After Conversion from Tacrolimus to Sirolimus in Liver Transplant Recipients</td>
<td>3/1/12</td>
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<tr>
<td>Levitsky</td>
<td>Wyeth</td>
<td><strong>Prot #: C09-001R:</strong> A Retrospective, Observational, Non-Interventional Trial to Assess Eculizumab Treatment Effect in Patients with Atypical eHemolytic Uremic Syndrome (AHUS)</td>
<td>8/3/09</td>
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<td><strong>Prot #: 0468E8-4500-WW:</strong> Planned Transition to Sirolimus-based Therapy Versus Continued Tacrolimus-based Therapy in Renal Allograft Recipients</td>
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<td>Friedewald</td>
<td>Alexion Pharmaceuticals</td>
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<td>3/24/10</td>
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<td><strong>Prot#: BCX1812-303:</strong> A Phase 3, Open-Label, Randomized Study of the Antiviral Activity, Safety, and Tolerability of the Intravenous Peramivir in Adult and Adolescent Hospitalized Subjects with Confirmed or Suspected Influenza Infection</td>
<td>3/23/13</td>
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<tr>
<td>Gallon</td>
<td>Wyeth</td>
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<td>2/18/10</td>
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<td><strong>Prot#: BCX1812-303:</strong> A Phase 3, Open-Label, Randomized Study of the Antiviral Activity, Safety, and Tolerability of the Intravenous Peramivir in Adult and Adolescent Hospitalized Subjects with Confirmed or Suspected Influenza Infection</td>
<td>2/17/13</td>
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<tr>
<td>Ison</td>
<td>BioCryst</td>
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<td>9/28/09</td>
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<tr>
<td></td>
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<td>Determining the Beneficial Effects of Alpha-1-Antitrypsin on the Function and Survival of Human Islets</td>
<td>9/27/12</td>
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<tr>
<td>Kaufman</td>
<td>CLS Behring</td>
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<td>4/16/10</td>
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<td><strong>Prot# IM103027:</strong> Belatacept Evaluation of Nephroprotection and Efficacy as First-Line Immunosuppression Trial – Extended Criteria Donors (BENEFIT-EXT) (Phase 3, Randomized Partially-Blinded, Active-Controlled, Parallel-Group, Multicenter Clinical Trial</td>
<td>4/15/11</td>
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<tr>
<td>Kaufman</td>
<td>Bristol Myers Squibb</td>
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<td>6/15/05</td>
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<td><strong>Prot# A3921021:</strong> Mittr, Phase 2, Opn-Lbl, Controlled, Extension Study for Stage 1 Subjects of Study A3921009 to Evaluate Long-Term Safety &amp; Efficacy of CP-690, 550 vs. Tacrolimus, When Co-Administered w/Mycophenolate Mofetil in Renal Allograft Recipients</td>
<td>1/1/00</td>
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<tr>
<td>Leventhal</td>
<td>Pfizer, Inc</td>
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<td>12/12/05</td>
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<td><strong>Prot# A3921021:</strong> Mittr, Phase 2, Opn-Lbl, Controlled, Extension Study for Stage 1 Subjects of Study A3921009 to Evaluate Long-Term Safety &amp; Efficacy of CP-690, 550 vs. Tacrolimus, When Co-Administered w/Mycophenolate Mofetil in Renal Allograft Recipients</td>
<td>1/1/00</td>
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</tbody>
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## Industry Active Projects

<table>
<thead>
<tr>
<th>DIVISION</th>
<th>SPONSOR</th>
<th>Project Description</th>
<th>Project Period</th>
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<tbody>
<tr>
<td>VASCULAR</td>
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<tr>
<td>Morasch</td>
<td>W.L. Gore and Assoc</td>
<td>Prot#: TAG 08-01: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for Treatment of Acute Complicated Type B Aortic Dissection</td>
<td>11/18/09 11/17/12</td>
</tr>
<tr>
<td>Morasch</td>
<td>W.L. Gore and Assoc</td>
<td>Prot#: TAG 08-03: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for the Primary Treatment of Aneurysm of the Descending Thoracic Aorta TAG 08-03</td>
<td>11/18/09 11/17/12</td>
</tr>
<tr>
<td>Morasch</td>
<td>Endologix, Inc</td>
<td>Prot # CP-0001: Prospective, Multicentern, Randomized Controlled Trial of Endovascular Aneurysm Repair Using a Bilateral Percutaneous Approach (PEVAR) vs. Standard Vascular Approach (SEVAR) Using the IntuiTrakEndovascular AAA Delivery System and the Pros</td>
<td>3/25/10 3/24/13</td>
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<tr>
<td>Morasch</td>
<td>W.L. Gore and Assoc</td>
<td>Prot #TAG 08-13: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for the Primary Treatment of Aneurysm of the Descending Thoracic Aorta TAG 08-03</td>
<td>11/18/09 11/17/12</td>
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<tr>
<td>Eskandari</td>
<td>Medtronic Vascular</td>
<td>Edurant Stent Grant System US Clinical Study</td>
<td>10/21/08 10/21/11</td>
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<tr>
<td>Eskandari</td>
<td>W.L. Gore and Assoc</td>
<td>Prot# TAG 08-01: Evaluation of the GORE Conformable TAG Thoracic Endoprosthesis for Treatment of Acute Complicated Type B Aortic Dissection</td>
<td>11/18/09 11/17/12</td>
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<tr>
<td>Eskandari</td>
<td>TriVascular, Inc.</td>
<td>Prot #771-0006: Pivotal Clinical Study to Evaluate the Safety and Effectiveness of the TriVascular AAA Stent-Grant System</td>
<td>6/2/2010 6/2/2013</td>
</tr>
</tbody>
</table>
Awards, honors, presentations and publications

Backer, Carl, MD

Awards/Honors

- Appointed Chair, American Association for Thoracic Surgery Membership Committee, 2010-2012
- Nominated by the American Medical Association Board of Trustees to Residency Review Committee for Thoracic Surgery
- Appointed to Executive Committee: Thoracic Surgery Directors Association; Congenital Program Director Representative

Presentations

- Speaker, 2nd Annual Congenital Heart Disease in the Adult Symposium. Cardiac Transplantation for Patients with Adult Congenital Heart Disease. Cleveland Clinic Foundation, Cleveland, OH, October 9, 2009
- Speaker, Annual meeting of the Congenital Heart Surgeon’s Society. The Arterial Switch Operation: A 25-year Experience with 258 Patients., Chicago, IL, November 1-2, 2009
- Speaker, 10th Annual International Symposium on Congenital Heart Disease, Surgery for Congenital Tracheal Stenosis: the Chicago Approach. All Children’s Hospital, St. Petersburg, FL, February 9, 2010

Keynote Lecture. The American Society of Echocardiography 2010 Chicago Sonographer Update: Post-Operative Congenital Heart Disease-Pathology and Echocardiography Review. The Fontan Procedure: Historical Overview from a Surgeon’s Perspective. Oak Brook, IL, April 24, 2010

- Speaker, 90th Annual Meeting of the American Association for Thoracic Surgery Congenital Skills Course: Slide Tracheoplasty, Toronto, Ontario, Canada, May 1, 2010
- Speaker, 90th Annual Meeting of the American Association for Thoracic Surgery, AATS/STS Congenital Heart Disease Symposium, Extracardiac versus Intra-Atrial Lateral Tunnel: Fontan Extracardiac is Better. Toronto, Ontario, Canada, May 2, 2010

Publications


Barnness, Katherine, MD

Presentations

- Presentation, “Expensive Olives – Does Hospital Type Affect Pyloromyotomy Outcomes? An Analysis of the Kids’ Inpatient Database” Academic Surgical Congress. February 2010. San Antonio, TX
2010. Chicago, IL


Lecture, Inflammatory Bowel Disease: A Surgeon’s Perspective. Crohn’s and Colitis Foundation of America, Illinois Chapter, Inflammatory Bowel Disease Symposium. March 2010. Chicago, IL


Publications


Marecek, G; Barsness, KA; Sarwark, J. “Relief of Superior Mesenteric Artery Syndrome with Correction of Multiplanar Spinal Deformity by Posterior Spinal Fusion.” Orthopedics. Accepted May 2010

Raval, MV; Cohen, ME; Barsness, KA; Bentrem, DJ; Phillips, D; Reynolds, M. “Expensive Olives – Does Hospital Type Affect Pyloromyotomy Outcomes? An Analysis of the Kids’ Inpatient Database” Surgery


Naiditch, J; Lautz, T; Barsness, KA. “Postoperative Complications in Children undergoing Gastrostomy Tube Placement.” JSLS. Submitted May 2010

Bentrem, David, MD

Awards/Honors

“Best Oncologists in America”2009-2010
“Best Doctors in America” 2009-2010

Presentations


Raval MV, Bilimoria KY, Stewart AK, Bentrem DJ, Ko CY, Reynolds M. Impact of nodal evaluation on survival in Wilms’ tumor. forum, American College of Surgeons. Oct 22, 2009 (Chicago, IL)

Bilimoria KY, Bentrem DJ, Hall BL, and Ko CY. Are we measuring surgical quality correctly? The role of post-discharge complications in hospital surgical quality assessments. Clinical Congress, American College of Surgeons. October 22, 2009 (Chicago, IL)

Cheon E, Strouch MJ, Krantz S, Heiferman M, Blatner N, Khazaie K, and Bentrem DJ. Genetic deletion of 5-lipoxygenase suppresses intestinal polyposis in APC knockout mice. Surgical Forum, Clinical Congress, American College of Surgeons October 22, 2009 (Chicago, IL) and Academic Surgical Congress February 4, 2010 (San Antonio, TX)


Raval M, Dzakovic, Bentrem DJ, Reynolds M, and Superina R. Trends in age for hepatopancreatobiliary tumors. From Worst to first: improving colorectal cancer care at the VA. Association of VA Surgeons May 7, 2010 (Indianapolis IN)


Publications

Bratman, N, Khazaie K, and Bentrem DJ. Genetic deletion of 5-lipoxygenase suppresses intestinal polyposis in APC knockout mice. Surgical Forum, American College of Surgeons. October 22, 2009 (Chicago, IL)

Marecek, G; Barsness, KA; Sarwark, J. “Relief of Superior Mesenteric Artery Syndrome with Correction of Multiplanar Spinal Deformity by Posterior Spinal Fusion.” Orthopedics. Accepted May 2010

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Raval, MV; Cohen, ME; Barsness, KA; Bentrem, DJ; Phillips, D; Reynolds, M. “Expensive Olives – Does Hospital Type Affect Pyloromyotomy Outcomes? An Analysis of the Kids’ Inpatient Database.” Surgery


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Bilimoria KY, Bentrem DJ, Hall BL, and Ko CY. Are we measuring surgical quality correctly? The role of post-discharge complications in hospital surgical quality assessments. Clinical Congress, American College of Surgeons. October 22, 2009 (Chicago, IL)
Awards, honors, presentations and publications

Chin, Anthony, MD

Presentations

Naiditch J, Rigsby C, Chin A. Utility of delayed repeated enema and avoidance of negative laparotomies in patients with intussusception. 39th International Symposium of Pediatric Surgery, Obergurgl, Austria, April 2010

Zekas L, Chin AC. Use of “Purse-string” Sutures for Gastrochisis Closure Following Silo Reduction. 19th Annual American Pediatric Surgery Nurses Association Conference, Orlando, FL, May 2010


Rothenberg SS, Chin A, Laparoscopic Collis-Nissen for recurrent severe reflux in pediatric patients with esophageal atresia and recurrent hiatal hernia. 19th Annual Congress of the International Pediatric Endosurgery Group Annual Meeting, Waikaloa, HI June 2010

Corcoran, Julia, MD

Honors/ Awards

Association for Surgical Education Philip J. Wolfson Outstanding Teaching Award

Presentations

Can Students at Risk of Failing a Surgery Clerkship be Identified at Midterm? Julia Corcoran, MD, MHPE, Nancy Schindler, MD, Steven Downing, PhD, Debra DaRosa, PhD. Surgical Education Week, Antonio, TX. April 2010

Composite Score Validity in Clerkship Grading. Julia Corcoran, MD, MHPE, Debra A. DaRosa, PhD, Steven M. Downing, PhD, Ara Tekian, PhD, MHPE: Northwestern University, Chicago, IL; University of Illinois at Chicago, Chicago, IL Research in Medical Education at the Association of American Medical Colleges Annual Meeting, Boston, MA, November, 2009


Publications


Crandall, Marie, MD

Awards/Honors

Promotion to Associate Professor as of 9/1/10

Appointed Vice Chair, Academic Practice Committee, Association of Women Surgeons

Acting Chair, Committee on Research Related Issues, Eastern Association for the Surgery of Trauma

Appointed to the Injury Prevention Committee, American Association for the Surgery of Trauma

Outstanding Teaching Award, Medical Student Surgery Rotation 2009

Presentations

Sridharan L, Crandall M. Disadvantaged children are at high risk for injury, but risk factors change over time. American Association for the Surgery of Trauma September 2010

Crandall M, Zollman F. Insurance status, not persistent symptoms, determines follow up after mild traumatic brain injury. American Association for the Surgery of Trauma September 2010


Crandall M, Zolnick E. Chicago trauma deserts: a comparison of gunshot wounds in the city of Chicago Building and Sustaining Partnerships to Address Health Disparities: Chicago CTSAs for Community Engagement Chicago, IL October 2009

Crandall M, Zolnick E. Patterns of violent trauma and resilience: a comparison of two neighborhoods Building and Sustaining Partnerships to Address Health Disparities: Chicago CTSAs for Community Engagement Chicago, IL October 2009

Kim L, Crandall M Asian-Americans and trauma: unexamined disparities Association for Academic Surgery San Antonio, TX February 2010

Publications

Kubasiak J, Linn L, Crandall M. Image of the Month (in press for Archives of Surgery)

Crandall M. Transfusion and disorders of anticoagulation: normal mechanisms of hemostasis and coagulation. Multimedia module (in press for the American Board of Surgery SCORE curriculum)

Crandall M. Transfusion and disorders of anticoagulation: inherited and acquired disorders of coagulation. Multimedia module (in press for the American Board of Surgery SCORE curriculum)

Crandall M. Transfusion and disorders of anti-
Awards, honors, presentations and publications

DeCamp, Malcolm, MD

Awards/Honors
Appointed Chief, Division of Thoracic Surgery, Northwestern Memorial Hospital, 2009
Appointed Professor of Surgery, Feinberg School of Medicine, Northwestern University, 2009
Appointed Fowler McCormick Professor of Surgery, Feinberg School of Medicine, 2010

Excellence in Academic Medicine Award from Illinois Department of Healthcare and Family Services (IDHFS) and NMH for development of the Thoracic Oncology Program, 2010

Presentations
Course Director/Lead Faculty, Thoracic Surgery Director’s Association (TSDA) Boot Camp, Chapel Hill, NC Flexible and Rigid “Bronchoscopy and Mediastinoscopy”, 2009

Course Director, Overholt Symposium : Learning from 75 years of advancement in the treatment of lung cancer, emphysema and the struggle against smoking. Boston, MA, 2009

Speaker, Overholt Symposium : Learning from 75 years of advancement in the treatment of lung cancer, emphysema and the struggle against smoking. Boston, MA, 2009


“ Mediastinal staging: Why is it Important?” Invited speaker, VATS 2009


Speaker, Northeast Thoracic Summit (NETS), Mashantucket, CT “A stage-based approach to esophageal cancer”, 2009


Speaker, Cyberknife Robotic Radiosurgery Course, Chicago, IL “Stereotactic Radiosurgery for Medically Inoperable NSCLC “, 2009


Invited lectures (4), 70th Meeting La Sociedad Mexicana de Neumología y Cirugía de Torax , Veracruz, Mexico “Lung Transplantation:Results from the USA” “New Techniques of Pulmonary Parenchymal Preservation (VATS, RFA, SRS)” “Complex Surgery of the Airways” “NET: What happened?” 2009


Poster presentation, Society of Thoracic Surgeons 46th Annual Mtg, Ft. Lauderdale, FL “Acute changes in right ventricular function after lung isolation predict postoperative arrhythmias”, 2010

Hematology/Oncology Grand Rounds, Robert H. Lurie Comprehensive Cancer Center, Chicago, IL “The Solitary Pulmonary Nodule : Diagnosis and Treatment”, 2010

Paper presentation, American Association for Thoracic Surgery 90th Annual Meeting, Toronto, ON, Canada “Lobectomy leads to optimal survival in early-stage small cell lung cancer”, 2010

Invited speaker, American Association for Thoracic Surgery 90th Annual Meeting, Toronto, ON, Canada, Controversies in the Utilization of New Technologies “Management of Clinical Stage I NSCLC : Radiofrequency Ablation and Stereotactic Body Radiotherapy”, 2010

Publications


de Hoyos, Alberto, MD

Presentations

Thoracic Malignancies, Jackson Hospital, Oct 2009.

History of Tracheostomy. Percutaneous Tracheo-
Awards, honors, presentations and publications

Percutaneous Tracheostomy
Hands-On Seminar, Sept 2009

Patient selection, indications, contraindications.


Assessment and Management of Airway Obstruction. Hands-On Seminar. Salt Lake City, April, 2010

Airway Stenting. Hands-On Seminar. Salt Lake City, April, 2010

Publications


Blum MG, de Hoyos A. Surgical approach to small detected lung nodules. Accepted for publication in Clinical Pulmonary Medicine, 2009


Eskandari, Mark, MD

Awards/Honors

James S. T. Yao, MD, PhD, Professor of Education in Vascular Surgery

Presentations

“Indications and Techniques of Left Subclavian Revascularization with TEVAR.” International Endovascular Symposium – Thoracic Aortic Summit, Sydney, Australia, September 30, 2009


Lecturer, “Extreme Treatment for CLI: Surgical Outer Limits.” VIVA 2009, Las Vegas,NV, October 20, 2009


Lecturer, “Role of EVAR for Ruptured Aneu-
Endovascular repair of complicated type B aortic dissection following coronary artery bypass grafting. *J Vasc Intervent Rad* 2010;21(3):403-5


Fryer, Jonathan, MD

Presentations


The Perceived Impact of Resident Travel on Transplant Surgery Experience During General Surgery Residency Training: A Survey of Program Directors in Surgery. James G. Bittner IV, MD; Jonathan P. Fryer, MD; Joseph B. Cofer, MD; John D. Mellinger, MD; James J. Wynn, MD; George M. Fuhrman, MD; Karen R. Borman, MD, M.D., Medical College of Georgia, Augusta, GA; University of Tennessee, Chattanooga, TN; University of Central Florida, Orlando, FL. Surgical Education Week, Antonio, TX. April 2010


Presentations


Grady, Kathleen, PhD

Awards/Honors

Appointed Co-Chair – AHA Editorial Board, Heart Insights, Healthy Living for Patients, their Families & Caregivers

Appointed Chair, AHA Council Operations Committee

Appointed to the School Transportation Task Force, state of Illinois by Governor Pat Quinn

Presentations

Speaker, Heart Transplantation and Ventricular Assist Device Implantation in 2009. Heart Failure Symposium, Memorial Heart and Vascular Institute. Springfield, IL


Speaker, Stage D Heart Failure: Quality of Life Outcomes after Transplant and Mechanical Support Fifth Annual Heart Failure Holiday Sym-
The Surgical Scope

Awards, honors, presentations and publications


Halverson, Amy, MD

Awards/Honors

Excellence in Teaching Award, Dept. of Surgery, Northwestern University Feinberg School of Medicine 2008-09

Director, Nora Institute for Surgical Patient Safety, American College of Surgeons

Editor, Quality and Patient Safety Web Portal, American College of Surgeons

Editorial Board for Selected Readings in General Surgery

American Society of Colon and Rectal Surgeons Committee for Quality and Patient Safety

Vice-President, Metropolitan Chicago Chapter, American College of Surgeons

Presentations

Missouri College of Surgeons 42nd Annual Meeting-Communication in the OR, June 13, 2009

Hansen, Nora, MD

Awards/Honors

Accreditation Certification Award from the National Accreditation Program for Breast Centers, American College of Surgeons January 2010

Presentations


Breast Imaging: Do We Need It? American College of Surgeons 95th Annual Clinical Congress, Chicago, Illinois. October 15, 2009


Nipple sparing mastectomy. TEAM UP in Oncoplastic Surgery, Nashville Tennessee, January 28, 2010

Breast Health for the Adolescent s a kick-off for fundraiser for the Avon Walk for Breast Cancer 2010, Hinsdale Middle School, Hinsdale, Illinois, April 9, 2010

The Multidisciplinary Approach to Breast Cancer Management, Gilda’s Clun, Chicago, Illinois April 15, 2010

Publications


Hummel, Mary, PhD

Publications

repressors to the MCMV major immediate early promoter during the course of infection in vivo”, J. Virol. 84(7):3631-3643. PMCID: PMC2838119

Hungness, Eric, MD

Awards/Honors

SSAT Maintenance of Certification Committee

Olympus Millennium Program Participant, Tokyo, Japan.

Winner, NOSCAR Research Grant - Transrectal NOTES appendectomy - $70,000

Winner, SAGES Research Grant - Laparoscopic Common Bile Duct Exploration: Simulator Development” - $9,996

Presentations

Panelist - American College of Surgeons Surgical Congress, Subject-Oriented Symposium III: NOTES and Single Port Access Surgery -, Chicago, October 15, 2009

Speaker, Grand Rounds. Northwestern University - Bariatric Surgery Update, Chicago, October 22, 2009

Speaker, Annual Clinical Assembly of Osteopathic Surgeons - NOTES, Chicago, November 2, 2009

FLS Course Instructor and Lecturer – Chicago, IL, November 14, 2010

Speaker, Transgastric Choledochectomy. 3rd UCSD Hands-On NOTES and Single Site Surgery Symposium, San Diego, November 20, 2009

Speaker, SAGES NOTES Symposium - NOTES: Steady Progress Has Been Made, Washington DC, April 16, 2010

Session Chair, Surgical and Endoscopic Management of Obesity. AGA Research Forum, Digestive Disease Week, New Orleans, May 3, 2010

Publications


Speaker, American College of Surgeons Surgical Congress, Subject-Oriented Symposium III: NOTES and Single Port Access Surgery - NOTES Choledochectomy, Chicago, October 15, 2009


Jeruss, Jacqueline, MD, PhD

Awards/Honors

NEW FUNDING: Principal Investigator, Association of Women Surgeons Foundation and Ethicon Endo-Surgery Fellowship Grant, “Novel Cell Array to Determine Impact of CDK Inhibition of SMAD Signaling of Cyclin Over-expressing Breast Cancer”, 8/1/09-12/31/10, $25,000

Principal Investigator, National Institutes of Health, 1K22CA138776-01A1, “The Oncogenic Significance of Cyclin Overexpression and Smad3 Tumor Suppression”, 7/1/10-6/31/13, $521,780

Co-Investigator, Department of Defense, Breast Cancer Research Program Concept Award, “Identification of a PARP Inhibitor Sensitivity Signature in Breast Cancer Using A Novel Transcription Factor Activity Array”, 8/1/10-8/31/11, $75,000

Publications


Hulvat MC, Jeruss JS. Fertility Preservation Options for Patients with Cancer. European Oncology. 2010;6(1):31–4

Redig AJ, Brannigan R, Stryker S, Woodruff TK, Jeruss JS. Incorporating Fertility Preservation...
into the Care of Young Oncology Patients. Cancer. In Press


Kaufman, Dixon, MD, PhD

Awards/Honors
Deputy Director, Comprehensive Transplant Center, Feinberg School of Medicine
2009 Best Doctors in America
Program Review Committee, OB-GYN, 2009
United Network for Organ Sharing (UNOS), Pancreas Committee, Region 7, Chair, 2009-11
American Diabetes Association, Program Committee, 2009
Principle Investigator, National Institutes of Health, "Clinical Islet Transplantation at Northwestern" 1 U01AI089316-01

Presentations

Publications
Kaufman DB. Editorial. 2010. Pancreas-after-kidney transplantation: To have and not have not. Clinical Transplantation 23:435-6
Kaufal,Sunjay, MD

Awards/Honors
Principal Investigator K08/National Institutes of Health:Mentored Clinical Scientist Development Award Characterization of Cardiac Stem Cells in Congenital Heart Patients

Presentations
Speaker, Characterization of human cardiac progenitor populations derived from young congenital heart patients. Congenital Heart Surgeons Society 2009 Annual Meeting, Chicago, IL, November 1-2, 2009
Speaker, Mid-term outcomes in supravalvular aortic stenosis demonstrate the superiority of multi-sinus aortoplasty. Southern Thoracic Surgical Association 56th Annual Meeting, Marco Island, FL, November 4-7, 2009
Speaker, Tissue engineering the heart organ with cardiac progenitor cells. 2010
Meeting of Medical Fellows, Research Scholars, and Physician-Scientist Early Career Awardees. Howard Hughes Medical Institute, Chevy Chase, MD, May 25, 2010
Speaker, The utility of a bioresorbable polymeric film and expanded polytetrafluoroethylene to prevent pericardial adhesions and provide a protective barrier after cardiac surgery. Western Thoracic Surgical Association 36th Annual Meeting, Ojai, CA, June 25, 2010

Publications
Kelle AM, Young L, Kaushal S, Duffy CE, Anderson RH, Backer CL. The Gerbode defect: the
significance of a left ventricular to right atrial shunt. *Cardiol Young* 2009;19(Suppl 2):96-99


**Khan, Seema, MD**

**Awards/Honors**

The Early Detection Research Network (EDRN): Clinical Validation Centers Review Committee, March 17, 2010


American Society of Clinical Oncology (ASCO) 2010 Scientific Program Committee, March 1-2, 2010

Komen Promise Grant 2010 Scientific Peer Review, February 22-23, 2010

**Presentations**

Invited Speaker, 11th Annual Lynn Sage Breast Cancer Symposium, Unusual Breast Problems Panel Discussions, “Management of Supraclavicular Nodal Metastases”, Chicago, IL, October 1, 2009

Invited Speaker, 11th Annual Lynn Sage Breast Cancer Symposium, “Is Age a Selection Factor for Mastectomy?”, Chicago, IL, October 3, 2009

Invited Speaker, American College of Surgeons 95th Annual Clinical Congress 2009, “Evidence-based Surveillance of Patients with Breast Cancer”, Chicago, IL, October 14, 2009


Invited Speaker, University of Washington School of Medicine’s Current Concepts and Challenges in Breast Cancer Course, “De Novo Metastatic Disease”, Seattle, WA, October 30, 2009


**Publications**


**Kibbe, Melina, MD**

**Awards /Honors**

Presidential Early Career Award for Scientists and Engineers (PECASE)

Joost Award nominee, Northwestern University, Feinberg School of Medicine

**Presentations**

Critical Limb ischemia and Future Stem Cell Treatment, 23rd Annual Nursing Conference on Selected Topics in Vascular Disease, Northwestern Memorial Hospital, Chicago, IL, October 2, 2009

Submitting and Revising Your Manuscript, Association for Academic Surgery Fundamentals of Surgical Research Course, Chicago, IL, October 9, 2009

Getting It Done!, Managing Information Overload (PS56), 95th Annual Clinical Congress, American College of Surgeons, Chicago, IL, October 13, 2009

Isolated Gastrocnemius and Soleal Vein Thrombosis - To Treat or Not to Treat. The Arthur C Nielsen Jr. Vascular Conference, Northwestern Memorial Hospital, Chicago, IL, October 28, 2009

Will NO-eluting Therapies Inhibit Neointimal Hyperplasia in all Patients? Research Seminar, University of Chicago, Department of Surgery, Chicago, IL, December 8, 2009


Insights into the Efficacy of Nitric Oxide-based Therapies for Vascular Disease, Research Seminar, Jesse Brown VA Medical Center, Chicago, IL, January 8, 2010.

Nitric Oxide-Based Vascular Therapies: Will They...
Awards, honors, presentations and publications

Work? Research Seminar, Institute for BioNanotechnology in Medicine, Northwestern University, Chicago, IL, March 9, 2010

Insights into the Efficacy of Nitric Oxide-Based Therapies for Vascular Disease. Cardiology Grand Rounds, Northwestern University Feinberg School of Medicine, Chicago, IL, March 12, 2010

How to Get Funding for Research, State University of New York at Buffalo, School of Medicine, Faculty Retreat for Department of Surgery, Buffalo, NY, March 20, 2010

How to Better Manage your Time – Using Support Staff, Faculty Retreat for Department of Surgery, State University of New York at Buffalo, School of Medicine, Buffalo, NY, March 20, 2010

Exciting new approaches to managing critical limb ischemia, Grand Rounds, University of Sydney, Sydney, Australia, April 30, 2010


Publications


Ladner, Daniela, MD

Awards/ Honors


Stuart Altman Fellowship in Health Policy Leadership Program in Health Policy and Management The Heller School for Social Policy and Management

Dixon Innovation Grant (PI: Ladner) Comprehensive Risk Assessment to Improve Safety Processes in Kidney Transplantation Sponsor: Northwestern Memorial Foundation

Publications


Quality of Life in Actual Living Liver Donors Versus Potential Living Liver Donors Z Butt, D Ladner, N Parikh Liver Transplantation, 2010; In Press

Meta-analysis: Liver transplant recipients of donation after cardiac death D Ladner, M Abecassis Ann Surgery; In Press


Lee, Richard, MD

Presentations
Awards, honors, presentations and publications


Publications


Lewis Jr., Victor, MD

Awards/ Honors
AO Craniomaxillofacial Surgery Instructor Panel, 2009
Chair Section Council Plastic, Reconstructive and Maxillofacial Surgery AMA House of Delegates
ACMG Board of Appeals Panel Member for Plastic Surgery , 2010
CPT Editorial Panel Member for Plastic Surgery, 2010

Presentations

Instructor Craniomaxillofacial Trauma and Reconstructive course. Oakbrook, IL August 2009
Panelist Pressure Sores as a Never Event, American College of Surgeons, Chicago, IL November 2009
Buck, D., Goucher, H., V.L.Jr.: Incidence of Methicillin Resistant Staphylococcus Aureus in Pressure Sores, Midwest Association of Plastic Surgeons Chicago, IL May 2010
Silver, A., Lewis V.L. Jr.: Utility of the fragility Index to predict complications after Pressure Ulcer Reconstruction, Midwest Association of Plastic Surgeons Chicago, IL May 2010

Mahvi, David, MD

Awards/Honors
Visiting Professor, Methodist Hospital, Houston, TX, 2010
Visiting Professor, University of Wisconsin, Madison, WI, 2010
Visiting Professor, University of Iowa, Iowa City, IA, 2010
Northwestern Medical Faculty foundation award for excellence in collaboration, 2010

Presentations
Moderator/ organizer- “Who needs an operation for appendicitis?” ACS clinical congress Chicago Oct 2009
*Surgical innovation and entrepreneurship* AAS career development course Chicago Oct 2009
Moderator: Hepatobiliary Surgery Papers session ACS clinical congress Chicago Oct 2009
Speaker: “Is appendicitis still a surgical disease” International surgical forum, International Association of Surgeons, gastroenterologists and Oncologists, Khon Kaen, Thailand, November 2009
Speaker: “Surgical septic shock.” International surgical forum, International Association of Surgeons, Gastroenterologists and Oncologists, Khon Kaen, Thailand, November 2009
“Current management of HCC.” International surgical forum, International Association of Surgeons, Gastroenterologists and Oncologists, Khon Kaen, Thailand, November 2009
Panel presentation- Pancreatic Surgery - Central Surgical Association Chicago, IL 2010
“Who needs and operation for appendicitis?” MUSC Postgraduate course Charleston, SC 2010
“The Development of New Technology for Liver Resection” MUSC Postgraduate course Charleston, SC 2010
“Bile Duct Strictures” MUSC Postgraduate
Aortic valve repair and percutaneous valve replacement: Aortic valve replacement receive a... 


Will Percutaneous AVR Affect Referrals for AS?: The Problem of Unoperated AS. St. James Hospital Grand Rounds. Olympia Fields, IL, 2010

Update on the Partners Trial. Center for Heart Valve Disease Meeting. Bluhm Cardiovascular Institute. Northwestern Memorial Hospital. Chicago, IL


McCarthy, Patrick, MD

Awards/Honors

Named Director of the Bluhm Cardiovascular Institute (formerly served as Co-Director)

Presentations

Speaker, Kaiser Permanente Hospital. Cardiac Grand Rounds, Surgical Management of Heart Failure. Los Angeles, CA, February 2009


Speaker, Edwards Heart Valve Treatment Forum. Tricuspid Regurgitation: Leave It or Not? Tokyo, Japan, February 2009


Speaker, 12th Annual Society of Cardiovascular Anesthesiologists Comprehensive Review & Update of Perioperative Echo Meeting. Surgical Repair of the Mitral Valve. San Diego, CA, February 2009


Speaker, Providence St. Joseph Medical Center. Treatment Advances for Congestive Heart Failure Patients with Mitral Valve Disease Dinner Symposium. Advances in Treatment for Congestive Heart Failure Patients with Mitral Valve Disease. Burbank, CA, February 2009


Speaker, American College of Cardiology 58th Annual Scientific Session. Treatment and Outcomes of Patients with Tricuspid Valve Disease. Orlando, FL, March 2009


Speaker, Dallas-Leipzig International Valve Congress. Debate of Techniques of Mitral Repair: Anterior Leaflet Repair is Not More Difficult. Dallas, TX, April 2009

Speaker, Dallas-Leipzig International Valve Congress. Top Ten Tricks and Tips For Mitral Valve Repair; How Not to Fail! Dallas, TX, April 2009

Moderator, Dallas-Leipzig International Valve Congress. Management of Mitral Valve Disease. Dallas, TX, April 2009

Speaker, Illinois Chapter of the American Col-
Awards, honors, presentations and publications

McGee EC: “Mechanical Circulatory Support for Ischemic Mitral Regurgitation: Midterm Clinical and Echocardiographic Results after Restrictive Complete Annuloplasty”. Abstract Presentation. 2nd Annual Joint Meeting of the Heart Valve Society of America and Society of Heart Valve Diseases. April 2010


McGee EC: Illinois Chapter of the American College of Cardiology, 2nd Annual Cardiac Care Associate Symposium. “Mechanical Assistance for Stage D Heart Failure”. Chicago, IL. October 2009

Publications


Morasch, Mark, MD

Awards/Honors

John F. Marquardt, MD, Clinical Research Professorship of Vascular Surgery

Presentations

Management of Vertebrobasilar Disease. International Symposium on Vascular Diseases, Abano Terme, Italy, October 10, 2009

Percutaneous Treatment of Aortic Aneurysms. International Symposium on Vascular Diseases, Abano Terme, Italy, October 10, 2009
Awards, honors, presentations and publications

Treatment of Aortic Infections. International Symposium on Vascular Diseases, Abano Terme, Italy, October 10, 2009

What are the Results and Complications with the TAG Endograft when it is Used More Widely and Not Only in Centers of Excellence (The Post-Marketing Approval Trial)? VEITH Symposium 2009, New York, NY, November 22, 2009


Splanchic Arterial Aneurysms. Leading Innovative Vascular Education (LIVE) 2010, Corfu, Greece, May 27, 2010


Vertebovascular Disease: When is Intervention Needed and What is the Place of Stenting? Leading Innovative Vascular Education (LIVE) 2010, Corfu, Greece, May 27, 2010


Publications


Pearce, William, MD

Presentations

“Ask the Expert.” Northwestern Memorial Hospital’s 23rd Nursing Conference on Selected Topics in Vascular Disease, Chicago, IL, October 2, 2009


Publications


Pugh, Carla, MD, PhD

Awards/ Honors
Excellence in Academic Medicine Grant - Use of Decision-Based Surgical Simulators to Assess Intra-Operative Performance: A Focus on Operating Room Efficiency, Patient Safety & Team Communication 3 Years $260,817.00

Outstanding Women in Technology Award – Circuit Court of Cook County, 2009

Chosen as a Chicago Visionary – Chicago Public Radio and Chicago Matters, 2009

Achievement Award – African American Women’s Business and Career Group, 2009

Presentations
Presenter: Simulation and Assessment: Surgical Training and Credentialing Reconsidered. Northwestern University Department of Surgery Grand Rounds. 2009

Presenter: Simulation Technology @ Northwestern, NUvention Board Meeting, 2009


Paper Discussant: Surgical Education Session, American College of Surgeon’s Clinical Congress General Session, October 2009

Presenter: Time Management, Weekly Fellows Conference, University of Michigan, 2009


Rodriguez, Heron, MD

Presentations
Infectious Aortitis, 34th Northwestern Vascular Symposium, Visceral Vessels Session, Chicago, IL, December 11, 2009

Popliteal Pathology, 34th Northwestern Vascular Symposium, Lower Extremity Session, Chicago, IL, December 11, 2009

Enhancing Educational Quality and Continuity of Care in a Surgical Residency Program using Industrial Engineering Methods, 2010 Joint Annual Meeting of APDS, ASE and ARCS, San Antonio, TX, April 21, 2010

Publications


Garcia-Toca M, Usman AA, Matsumura JS, Kibbe MR, Morasch MD, Rodriguez HE, Amaranto DJ, Pearce WH, Eskandari MK. 8-Year Institutional Review

Rothstein, David, MD

Presentations

International volunteerism in surgery: Global burden of surgical disease and some things we can do about it. Surgical Grand Rounds, Children’s Memorial Hospital, March 22, 2010

Latest thoughts on etiology and management of pilonidal disease: plugs, hairs, pits and lifts. Surgical Grand Rounds, Northwestern Memorial Hospital, April 15, 2010

Publications


Russell, Hyde, MD

Presentations

Speaker, Vacuum Assisted Closure of Pediatric Sternal Wounds. Congenital Heart Surgeons’ Society Annual Meeting, Chicago, IL, Nov. 2, 2009

Shapiro, Michael, MD

Awards/Honors
Associate Examiner, American Board of Surgery Certifying Examination, Chicago, IL, April 2010

Publications


Neal MD, Cuschieri J, Rosengart MR, Alarcon LH, Moore EE, Maier RV, Minej JP, Billiar TR, Peitzman AB, Sperry JL. The Inflammation and the Host Response to Injury Collaborative Research Program (Shapiro MB). Preinjury statin use is associated
Awards, honors, presentations and publications

with a higher risk of multiple organ failure after injury: a propensity score adjusted analysis. Journal of Trauma, 2009;67:476-82


Soper, Nathaniel, MD

Awards/ Honors

Named Secretary of the Central Surgical Association, 2009

Named Vice President for Chicago Surgical Society, 2009

SAGES Distinguished Service Award, 2010

Named to American College of Surgeons’ Committee on Surgical Infections and Environmental Risks as a Member, 2010

Named to American Board of Surgery’s Gastrointestinal Advisory Council as a Member, 2010

Visiting Professor, Methodist Hospital, Houston, TX, 2010

Visiting Professor, 23rd Annual Joel W. Baker Lecturer, Virginia Mason Medical Center, Seattle, WA, 2010

Visiting Professor, 2010 Dallas B. Pemister Lecturer, University of Chicago, Chicago, IL, 2010

Presentations

Invited Lecturer for International Surgery of the Digestive Disease : Laparoscopic fundoplication for Barrett’s outcomes”, Adelaide, Australia, September 7, 2009


Invited Lecturer: American College of Surgeons 95th Clinical Congress, Video on Laparoscopic Nissen Fundoplication, Chicago, Illinois, October 13, 2009


Invited Speaker: Northwestern University Feinberg School of Medicine Sesquicentennial Symposium, “Non-Invasive Surgery”, Chicago, Illinois, October 26, 2009

Invited Speaker: Northwestern University Feinberg School of Medicine’s Workshop; Fundamentals of Laparoscopic Surgery (FLS) Train the Proctors: Background / Validation / Content / Overview, Chicago, Illinois November 14, 2009


Invited Co-Moderator: SAGES Presidential Debates, National Harbor, Maryland, April 16, 2010


Visiting Professor, 2010 Dallas B. Pemister Lecturer: “Minimally Invasive GI Surgery: Past, Present and (?) Future”, University of Chicago, Chicago, IL, June 1, 2010


Publications


Awards, honors, presentations and publications

**Sturgeon, Cord, MD**

Publications


**Tambur, Anat, PhD**

Awards/Honors

ASHI annual meeting November 2009, President’s choice poster award ("Adding affinity to the equation"; Ramon, D; Brain, A and Tambur, AR)

Presentations


Speaker. European Federation of Immunogenet-
ics, May 2010: Anti-Endothelial Antibodies. Frequency and Polymorphism

Speaker. European Federation of Immunogenetics, May 2010: The role of non-HLA antibodies in organ transplantation

Publications


**Vazquez, Richard, MD**

Presentations

Masters Class Series, The Society of Laparoscopic Surgeons, Boston, Mass. The Joint Sages Course, Fundamentals Make Masters Michael Kavic, MD, Course Director

Topic Presented: "Ultrasound Based Operations and the Surgeon"

November 30, 2009 Invited visiting professor: The Department of Surgery, Fukuoka University, Fukuoka, Japan Surgical Grand Rounds

Topic Presented: Laparoscopic Cholecystectomy: The Place of The Critical View of Safety Technique


"Common Sense and Common Bile Duct Injury (CBDI): CBDI-Have multiple sequential paradigm shifts contributed?"

**Verta, Michael, MD**

Presentations

"Types of EMR Products, Costs, and Sources of Information" at the Vascular Annual Meeting in Boston June 11, 2010

Publications


**Wayne, Jeff, MD**

Awards/Honors

Carol and Tom R. DeMeester Traveling Fellowship, Society for Surgery of the Alimentary Tract, 2010

Publications


“Safer Surgery Today, Better Surgery Tomorrow”

Upcoming Events, 2010-2011

Grand Rounds
(Thursdays/7am-8am/676 N. St. Clair / Suite 650)

- **September 16**: QA Presentations, Ashley Hardy, MD, Jessica Naditch, MD, Joe Phillips, MD, Melissa Pilewskie, MD, Akhil Seth, MD
- **September 23**: Intraoperative Teaching and Assessment, Jon Fryer, MD
- **September 30**: Statistical Process Control and Surgical Outcomes, Donald Fry, MD
- **October 14**: Method Lectureship, John Tarpley, MD
- **October 21**: Educational Grand Rounds, Adrian Parks, MD
- **October 28**: TBA, Marleta Reynolds, MD
- **November 11**: NU Transplant Outcomes Research Collaborative, Daniela Ladner, MD
- **November 18**: Breast Reconstruction: Impact of Radiation on the Decision to Reconstruct, Neil Fine, MD
- **December 9**: Interventions for Emphysema, Malcolm DeCamp, MD
- **December 16**: Appendicitis: Still a Surgical Disease, David Mahvi, MD
- **December 23**: Revisional Bariatric Surgery at Northwestern, Jeff Fronza, MD

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.

<table>
<thead>
<tr>
<th>Time Period Covered</th>
<th>Articles Due</th>
<th>Publication</th>
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<tr>
<td>9/1—8/31</td>
<td>2nd Friday of July</td>
<td>September Publication</td>
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The Department of Surgery thanks everyone who has contributed to this issue of “The Surgical Scope.”