



A newsletter for the faculty, staff, friends and alumni of the Department of Surgery

The Surgical Scope

“Safer Surgery Today, Better Surgery Tomorrow”

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A Winning Collaboration



Nick Tshilis, PhD & Melina Kibbe, MD

Melina Kibbe, MD and Guillermo Ameer, ScD discovered they share the same passion to find cutting edge therapies through an innocuous request for help with an animal model by one of Dr. Ameer’s post doctorate staff. From that initial

request, which came to Dr. Kibbe, a spectacular collaboration was born. Drs. Ameer and Kibbe now have a joint lab located in the Institute for Bionanotechnology in Medicine (IBNAM) at Northwestern University. They have combined their formidable drive, determination, and expertise to foster a multidisciplinary approach to improving therapies for patients with vascular disease. Their work has been published in peer-reviewed journals and they have obtained grant funding from the State of Illinois, American Heart Association, a Northwestern University Award and private foundations.

As a result of their work on innovative vascular products they organized a start-up company named VesselTek Biomedical last year and won a state-wide competition to help fund their relevant business plan. VesselTek Biomedical was formed because Dr. Ameer realized the biocompatible coating that promotes the safety and success of vascular repairs developed in the lab would need outside funding and support if it were ever to make it to market.

At the end of the day, each of these doctors maintain their original goal – to support patients with vascular disease by enabling better therapeutic options.

By Victoria F. Elliott

Meet Melina Kibbe, MD Assistant Professor, Vascular Surgery



Melina Kibbe, MD

A highly talented surgeon-scientist in the Division of Vascular Surgery whose work in nitric oxide-based therapies to improve vascular interventions has also resulted in multiple publications, grants, awards and patents. It was recently announced that Melina will receive a Presidential Early Career Award for Scientists and Engineers this fall. The awardees will meet and personally receive their awards from President Obama.

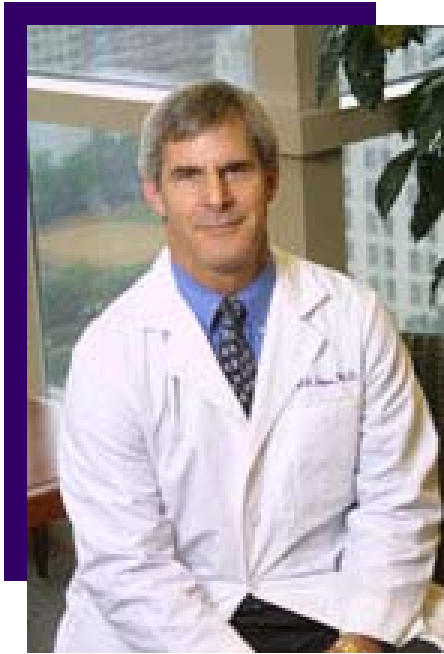
Meet Guillermo Ameer, ScD Associate Professor, Biomedical Engineering

A scientist whose work in the Department of Biomedical Engineering has been rewarded with multiple grants, awards and nine patents to date. He is *the* expert in polymer and drug-delivery chemistry with a passion for finding novel new delivery methods. Guillermo’s work has brought him international acclaim and a permanent seat on the NIH Musculoskeletal Tissue Engineering study section.



Guillermo Ameer, ScD

Message From the Chair:



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

The days grow shorter and the Wild-cats' and Bears' football seasons have begun, so it must be time to provide an update on the happenings in the Department of Surgery. In a word, we are thriving. Given the current state of the economy and the uncertainties facing the future structure of healthcare, we are very fortunate indeed.

Within Northwestern medicine, many organizations coexist. These include the Feinberg School of Medicine (FSM), Northwestern Memorial Hospital (NMH), Northwestern Medical Faculty Foundation (NMFF), Rehabilitation Institute of Chicago (RIC) and Children's Memorial Hospital (CMH). For many years the organizations did not always row in the same direction. During the past 18 months there has been a concerted effort to align the priorities of FSM, NMH and NMFF. As a result of many meetings between leadership and faculty, the plan for the Great Academic Medical Center has taken shape. The overarching goal is 'Top 10 by 2020'—to achieve a top 10 ranking for both the medical school and the hospital in 11 years. This is not a trivial pursuit

and will require significant resources—time, effort and money—to bring about. The plan is entering its implementation phase, and the leadership at RIC and CMH are being engaged to join the effort. With the new Children's Hospital structure rising between Chicago and Superior Avenues, the medical center continues its growth, and there will be more opportunities for interdisciplinary collaboration. The Department of Surgery is happy to be part of this transformation and eager to participate!

Northwestern surgeons continue to spearhead innovations in surgical clinical care. The cardiac surgeons are one of a handful of programs working on transcatheter deployment of aortic valves and minimally invasive techniques to occlude the left atrial appendage. Laparoscopic surgeons, both at NMH and CMH, are beginning clinical trials of single incision laparoscopic surgery (SILS) for a variety of intraabdominal disease processes. The NOTES program continues to enroll patients, primarily to perform transvaginal cholecystectomies in women with symptomatic cholelithiasis. The vascular surgeons continue to be on the leading edge of endovascular procedures for vascular disorders. Our surgeons will avidly pursue minimally invasive approaches to surgical diseases wherever it is possible to limit the anatomical and physiological insult to the patient.

From an educational standpoint there have been many changes over the past few months. Dr. John Coyle stepped down as Associate Residency Program Director, and his spot has been assumed by Dr. Jay Prystowsky. Dr. Prystowsky is the Chief of Surgery at the Westside V.A., has a Masters degree in Education, and previously was the NU surgery clerkship director. As of July 1st, Evanston Hospital is no longer affiliated with NU. The medical school surgery clerkship has been totally revamped and the medical students deployed at CMH, the VA and MacNeal Hospital in Berwyn. MacNeal is also the site of a major redeployment of surgical residents, where they are ex-

posed to large volumes of 'bread-and-butter' surgery in a patient population demographically different from NMH. Dr. Jeff Zawacki is the teaching education coordinator at MacNeal and has done an excellent job incorporating the NU residents into his program. New innovations in resident education include a technical skills curriculum for the PGY-2 residents, and the ability to video record and play back surgical conferences. Frank Schleicher and his team in Surgical IT have done an incredible job ratcheting up the videoconferencing capabilities in our new conference room, and HD videoconferencing of operative procedures is now a reality.

The research enterprise continues to be an increasingly important part that has not lagged behind the other departmental missions. Total research costs have risen by more than \$3M over the last few years. Major research emphases of the department continue to be in the areas of breast and pancreatic cancer, vascular disease, transplantation and immunotolerance, and surgical outcomes. Dr. Melina Kibbe's receipt of the Presidential Early Career Award for Scientists and Engineers is a tremendous acknowledgement of the quality research she has been doing in nitric oxide-based therapies for vascular disease. It is through her work and the many others in the department with successful research laboratories, that the diseases we face on a daily basis will be managed differently, and better, in years to come.

I am happy to announce the following promotions in the department of surgery:

Gary An, MD-Associate Professor
Matthew Blum, MD-Associate Professor
Greg Dumanian, MD-Professor
Amy Halverson, MD-Associate Professor
Richard Lee, MD-Associate Professor
Michael Shapiro, MD-Professor
Jeffrey Wayne, MD-Associate Professor

Please join me in congratulating these faculty members on their promotions.

Respectfully submitted,
Nathaniel J. Soper

Research Update

The research enterprise in the Department of Surgery has seen a very vigorous year of new proposals and awards. This volume is at least in part a result of the addition of a new central staff position to support research; Theresa Kier joined the Department in FY09 as a Research Administrator 2.

For the period 9/1/08-6/30/09, the Department of Surgery has submitted 128 new proposals valued at over \$76 million total costs. For the period 9/1/08-6/30/09, the Department of Surgery has received 40 new awards (federal, non-federal and industry), totaling \$3,216,428. The department has also received new funding on 28 clinical trials and industry agreements.

Federal Awards: **10**
Total Direct costs for Entire Project = \$2,656,791

Non-Federal Awards: **12**
Total Costs for Entire Project = \$ 559,637

Total Award \$3,216,428

For detailed award information, please see pages 14–17

Four residents received the Kanavel Scholar Award this year for successful rotations in research labs: Dan Abbott, Karl Bilimoria, Nick Dallas and Dan Popowich. Each resident received a memorial pin and \$1000 prize. Interest in research rotations among surgical residents is high, with all slots filled for the coming year as well.

Dr. Melina Kibbe has been awarded the [Presidential Early Career Award for Scientists and Engineers \(PECASE\)](#). Dr. Kibbe is an Associate Professor of Surgery at the [Feinberg School of Medicine](#), vascular surgeon at Northwestern Memorial Hospital and co-chief of the vascular surgery service and director of the vascular laboratory at the Jesse Brown VA Medical Center.

The award, established in 1996, 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. Awardees are selected on the basis of two criteria: 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.

Dr. Kibbe will be invited to the White House to meet President Obama and receive the PECASE award this fall.

Nine federal departments and agencies join together annually to nominate young scientists and engineers whose work is of greatest benefit to the nominating agency's mission. Kibbe, who was nominated for the award by the [Department of Veterans Affairs](#) (VA), will receive funding from the department for five years as part of this award.



Surgical Education Update

Clerkship Update: The surgery clerkship is preparing for a record enrollment year - we expect over 200 students in the surgery clerkship in 2009-2010! To meet this increase we are expanding the clinical learning opportunities we offer to students. In addition to rotating through surgical disciplines at the Northwestern Memorial Hospital, the students will have opportunities to work at the Children's Memorial Hospital, the MacNeal Hospital and the Jesse Brown VA Hospital. The students will have new options to select and study surgical subspecialty practice. We welcome the divisions of Cardiothoracic Surgery, Pediatric Surgery, Plastic Surgery and Transplant Surgery that have not traditionally hosted students in clerkship selectives. Students will also have the opportunity to learn more about perioperative and intraoperative patient care with the addition of an anesthesia selective.

The following third year medical students received honors in the surgical clerkship in the 2008-2009 academic year: Summer 2008: Sarah Connell, David DiBardino, Leo Han, Andrew Kott, Monica Krcmarik, Jessica Newman, Jason Oppenheimer, Sara Patrawala, Matthew Patton, Adriana Segura, Nina Sung.
 Fall 2008: Benjamin Currie, Ameer Gomberawalla, Thomas Klumpner, Lindsay Kuo, John McCallum, Adam Oesterle, Martin Pham, Susan Gall Sims, & Paul Speicher.
 Winter 2009: Praveen Anchala, Beau Brinckerhoff, Jeffrey Hotaling, Nikolas Kazmers, Leslie Kim, Hanjo Ko, Christine Lin, Sarah Novis, Amanda Redig, Whitney Zirkle, & Amanda Zubek.
 Spring 2009: Melissa Chen, Jefferson Jones, Ji Kang, Melissa Keene, Jeremy Markowitz, Parth Modi, John Nazarian, Anna Roytberg, Tamika Smith, Noah Sutton, David Vermynen, Bethany Weinert
 After 3 years as the Clerkship Coordinator with the Department of Surgery, Jessica Voth recently accepted a position in the Office of Medical Education at Feinberg. Her new role represents a promotion for her within medical education. We would like to thank Jessica for her many contributions to the surgery clerkship program.

The clerkship's new coordinator is Clare Broad. Clare recently graduated from Saint Norbert College with a Bachelors degree in Business Administration. In her Junior and Senior years she interned in the department and gained valuable experience within the unit. We look forward to working with her.

Residency Update: Dr. Jay Prystowsky recently was named Associate Program Director following the resignation of Dr. John Coyle.

Edelstone-Bendix The 2009 Edelstone-Bendix graduation dinner was held on Friday, June 12th, 2009 at The Ritz-Carlton at Watertower Place. Approximately 200 of the Department of Surgery's faculty, fellows and residents attended the annual dinner which honors the Department's graduating fellows and residents. The dinner followed the Edelstone-Bendix Residents' Day which featured presentations by residents and fellows and showcased their outstanding work in both clinical and basic science research. This year's guest lecturer and judge was George K. Gittes M.D., Benjamin R. Fisher Professor of Pediatric Surgery, Children's Hospital of Pittsburgh, University of Pittsburgh School of Medicine.

The following graduates were guests of honor at the dinner:

CT Surgery:	Dr. Hyde Russell	
Vascular Surgery:	Dr. Audrey Rosinberg	
Pediatric Surgery:	Dr. Marybeth Browne	
Pediatric Critical Care:	Dr. Michael Dingeldein	
Breast Surgery:	Dr. Melissa Hulvat & Dr. Nancy Taft	
Transplant Surgery:	Dr. Amy Evenson & Dr. Emily Winslow	
Plastic Surgery:	Dr. Kristina O'Shaughnessy & Dr. Milicent Odunze	
MIS:	Dr. Preeti Malladi	
General Surgery:	Dr. Muneera Kapadia	Dr. Eric Volckmann
	Dr. Robroy Maclver	Dr. Anthony Yang
	Dr. Michael Mongé	



Drs. Mike Monge, Anthony Yang, Muneera Kapadia, Nathaniel Soper, Eric Volckmann, Robroy Maclver

A number of awards were given to both faculty and residents for their outstanding work. We congratulate the following recipients for their hard work and dedication:

Daniel Abbott, MD, Karl Bilimoria, MD, Nikolaos Dallas, MD and Daniel Popowich, MD were this year's Kanavel Surgical Scholar Awardees. Along with presenting their research earlier in the day, they were also awarded a special hand-designed pin as well

...continued...Surgical Education Update

as a monetary award of \$1000.

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

Resident Clinical Research competition	Colleen Jay, MD
Resident Basic Science Research competition	Tammy Kindel, MD
Fellow Open competition	Melissa Hulvat, MD

The Chief Resident Presentation award, which was based on the graduating residents' Edelstone-Bendix Residents' Day presentations, was awarded this year to two recipients: Muneera Kapadia, MD and Kristina O'Shaughnessy, MD.

Two very special faculty awards of recognition were presented to Dr. John Coyle and Dr. Nancy Schindler. Dr. Coyle received a special award of recognition for his years of service as an Associate Program Director for the General Surgery residency program, and Dr. Schindler received the award for her years of service as the Medical Student Clerkship Director. We thank Dr. Coyle for his years of dedicated leadership to the education of the general surgery residents and Dr. Schindler for her years of dedication to the education of medical students.

The **Resident As Teacher** award is an award which was established in 2008. It is bestowed upon those categorical general surgery residents who meet a series of eligibility criteria. They must be excellent role models as physicians and learners to their peers, students and other health professionals through teaching and participation in the Department of Surgery's education-related activities. This year, we are pleased that the following nine residents are the recipients of this award:

Daniel McCarthy, MD (PGY1)	Seth Krantz, MD (PGY3)
Joseph Phillips, MD (PGY2)	John Linn, MD (PGY4)
Melissa Pilewskie, MD (PGY2)	Laleh Melstrom, MD (PGY4)
Jeffrey Fronza, MD (PGY3)	Daniel Abbott, MD (PGY4)
Amanda Hayman, MD (PGY3)	

An award was presented to the two 2008-2009 **Administrative Chief** residents for their leadership and commitment to the general surgery residents. Drs. Robroy MacIver and Michael Mongé received engraved crystal awards in recognition of their work and dedication.

A fond farewell to our graduating general surgery residents: Muneera Kapadia, Robroy MacIver, Mike Mongé, Eric Volckmann and Tony Yang. We wish them all the best as they continue their surgical careers!

New Interns

Welcome to these new PGY1 General Surgery Residents:

Categorical: Jane Alston, Geoffrey Chow, Lawrence Mark Knab, Charles Pearce and Jill Richman.

Preliminary: Mauricio De la Garza, Saad Ibrahim, Alicia Platou, Richard Rink, Aizaz Shaikh and Stephen Winkler.

Curriculum changes for the 2009-2010 academic year.

With the disaffiliation of Northshore University, the residency program explored collaborations with other institutions in order to provide residents with the requisite educational experience. MacNeal hospital in Berwyn was selected, and PGY1's, 3's and 4's will now rotate at MacNeal. To ease the travel requirements for the residents, educational conferences have all been consolidated to Thursday mornings.

Last year a new procedural skills curriculum for the first year general and plastic surgery residents was implemented. Led by Dr. Eric Hungness, this initiative was a huge success. In continuing our commitment to improving residents' skills outside of the operating room, we have expanded the new procedural skills curriculum even further. The improvements in the first year skills curriculum now offer more opportunities for practice and feedback.

In addition to the improvements in the R1 skills lab, we introduced a R2 skills laboratory curriculum for second year general and plastic surgery residents. Due to the cost and patient safety concerns, the operating room is not always the appropriate

...continued...Surgical Education Update

venue to deconstruct procedures into tasks or rehearse prerequisite skills. The skills lab enables the surgery residents a safe setting to practice and acquire the technical skills required of a superior surgeon. The lab has been implemented under the direction of Dr. Anne Marie Boller.

Development of the procedural skills curricula has not been limited to the junior residents. Directed by Dr. Alexander Nagle, the skills curriculum for the senior residents enables post-graduate year 3 through 5 residents to hone surgical techniques in a state-of-the-art, fully equipped, simulated operating room under the guidance of experienced faculty.

In addition to these updates in skills lab curriculum, a new didactic conference, Decision Making, has been created for the 2009-2010 academic year. This conference is designed to enable residents to:

1. Recognize and anticipate variations in pre, intra-, and post operative decisions due to patient variables, anticipated and unanticipated.
2. Increase abilities in visually recognizing error(s) or problems that require revision or change in strategy or management.
3. Increase abilities to rescue and then manage an intra-operative error.
4. Encourage the practice of systematic mental rehearsal so residents are better respond prepared before going to the operating room to anticipate, plan for, and to potential intra-operative problems and management.
5. Recognize visual cues relevant to decision-making, especially in intra- operative scenarios.

Breast Surgery Center Update

The Lynn Sage Breast Center Surgery clinic space is undergoing renovations with a build-out of the northeast corner of the 4th floor being developed to incorporate Medical Oncology and Gynecology-Oncology. Dr. Nora Hansen, Director of the Lynn Sage Breast Center has relocated her academic office to the 5th floor of Prentice. Additional clinical and patient reception space has been completed.

Research: The 2010 Lynn Sage Cancer Research Foundation Grant initiative was awarded in June 2009 to Dr. Nora Hansen for her project: "Effect of Weight loss on Breast Density Using both Digital Mammography and Breast MRI."

Dr. Jackie Jeruss was awarded both the Association of Women Surgeons Foundation and Ethicon Endo-Surgery Fellowship Award in June 2009. Her project is entitled "Novel Cell Array to Determine Impact of CDK Inhibition of SMAD Signaling of Cyclin Over-expressing Breast Cancer."

The Avon Center of Excellence awarded the project "A case-control study of breast cancer biomarkers in benign breast biopsy samples" submitted by Dr. Seema Khan. The award will run from September 2009 though August 2010.

Education: This year, two Breast Fellows completed their training in the Breast Center. Nancy Taft, MD will be joining a practice in DuPage County in October after she completes her 3 month tour of duty in the Armed Forces in Afghanistan. Melissa Hulvat, MD has taken a position as Director of the Bass Breast Center, Kalispell, Montana. Drs. Hulvat and Hansen received recognition this year at Residents Day for the presentation of their abstract "Time from Diagnosis to Definitive Surgical Treatment of Operable Breast Cancer in the Era of Multimodal Imaging" which was also accepted for presentation at the Western Surgical Association meeting later this year.

Two new fellows have joined the Breast Center: Dr. Claudia Perez, a practicing surgeon from Michigan, and, Dr. Firas Eladoudachi, a practicing surgeon from Ohio.

Clinical Care: With the newly revised clinical space on the 4th floor, Gynecology-Oncology and Medical Oncology will ultimately see patients in the same area with the Breast Center. Patients appreciate having all services located in one area. The renovation has also added three additional clinical examination rooms for the Breast Center. With some schedule changes, the breast surgeons will now be available for patients every day. This, along with newly hired mammographers and additional block time in the OR should have a very positive effect on the ability to care for patients with breast disease.

Cardiothoracic Update

Cardiothoracic Surgery has enjoyed much success so far in 2009.

Research: Drs. Patrick McCarthy (PI) and Chris 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.

Drs. McCarthy (PI - National) and Richard Lee (PI - Local) are participating in the Evaluation of the Cardioblate® Closure™ Device in Facilitating Occlusion of the Left Atrial Appendage (LAA) to evaluate whether this device can effectively occlude the Left Atrial Appendage (LAA) and to further understand the device performance.

Dr. Edwin McGee (PI) is participating in the Evaluation of the VentrAssist™ Left Ventricular Assist Device as a Bridge to Cardiac Transplantation 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 3rd Annual Cardiothoracic Surgery Alumni and Graduation Day took place on June 26th, 2009. Dr. Denton A. Cooley, President Emeritus and Surgeon-in-Chief of the Texas Heart Institute, was our honored guest.

April 28th marked the 2nd Annual Thoracic Oncology Nursing Conference at Northwestern.

Dr. Lee served as a faculty member for the session entitled "Ablation vs. Surgery for Atrial Fibrillation: Antagonism or Synergism?" at the American Association for Thoracic Surgery (AATS) Annual Meeting in May 2009.

The Annual Cardiothoracic Shields Lectureship took place on May 5th. The guest lecturer was Marleta Reynolds, MD, Surgeon-in-Chief, Children's Memorial Hospital.

The BCVI (Bluhm Cardiovascular Institute) Summer Student Program, directed by Dr. Lee plus Anna Huskin and Michael Yensel, kicked-off its third year in June with over 25 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, Eric Tудay, was one of only 25 students nationwide to be awarded a Summer Intern Scholarship from AATS.

Clinical Care: Dr. McGee received the 2009 Physician Clinical Excellence Award for Clinical Leadership from the Northwestern Medical Faculty Foundation.

The BCVI has once again been ranked in the top 25 in the nation (tied for #21) and highest in Illinois among thousands of heart and heart surgery programs evaluated for the 2009 edition of *U.S. News & World Report's* "America's Best Hospitals".



Division of Cardiothoracic Surgery

GI/Oncologic Surgery Update

Research: Colon cancer is the 3rd leading cause of cancer death in the U.S. Unfortunately, the mechanisms of colon carcinogenesis remain poorly understood. The GI Surgical Oncology lab recently showed that 5-Lipoxygenase, an arachidonic acid pathway enzyme, is significantly increased in human colon adenoma and cancer compared to normal controls.[1] Moreover, colon cancer growth was inhibited in a xenograft model after treatment with a 5-Lipoxygenase inhibitor. In addition, Dr David Bentrem recently received a career development award from the Society for Surgery of the Alimentary Tract to continue this work.

Education: Dr. Carla Pugh, scientist, surgeon and dedicated educator is a believer in the importance of giving back to society and mentoring young people. When she's not working on inventing new technology in the laboratory or operating on patients, she finds time to educate our future generation by traveling to local area schools and talking to students about pursuing careers in medicine. Recently Dr. Pugh visited the Chicago High School for Agricultural Sciences to kick off 'job shadow month', a system Dr. Pugh created for students to be exposed to surgeons and the medical field. Next month, students will have the opportunity to spend a day following her at the hospital. She says she is inspired by the students 'energy' and their interest in what she does. "It's a wonderful job" she says. Though she notes the road can be long and not an easy one, she encourages students with what she has learned from personal experience telling them "you can accomplish anything". Dr. David Mahvi is serving as an advisor for NUvention a new academic partnership created to establish collaboration between students and faculty from Northwestern's schools of engineering, medicine, law and business. The goal is to improve patient care through innovation. Students have the opportunity to experience the full cycle of innovation from the beginning to end starting with the initial idea or concept, to business plans, prototypes (for medical devices/tools) and marketing their inventions.

Clinical: The Bariatric Surgery Program at Northwestern Hospital, led by the expertise of two board certified surgeons, Alex Nagle, M.D. & Eric Hungness, M.D. has been recertified as a Bariatric Surgery Center of Excellence by the American Society for Metabolic and Bariatric Surgery. For those who have struggled for years with the illnesses and the discomforts related to severe obesity, the program offers new hope and long-term solutions. The program has expanded its team to include a licensed dietician and a nurse practitioner to better provide the full spectrum of care to their patients. This dedicated team of experts, including both behavioral and physical therapists, is committed to helping their bariatric surgery patients through the entire process from start to finish as well as after surgery with the lifestyle changes that will assure optimal success. Bariatric Surgery Information Seminars are held at various times throughout the year and are free of charge. For more information on Northwestern Memorial Hospital's Weight Loss Surgery Program call 312-695-7070 or visit www.nmh.org/weightlossurgery for dates, times and locations of seminars. GI Division surgeons Nathaniel Soper, MD and Eric Hungness, MD are at the forefront of 'incisionless surgery'. They are among the first groups in the U.S. to successfully perform the procedure known as 'NOTES' which stands for Natural Orifice Translumenal Endoscopic Surgery. Using the NOTES procedure, surgeons are able to perform surgeries such as gallbladder removal through the mouth. Traditionally, this type of procedure would involve abdominal incisions. With NOTES patients experience less pain and quicker healing time as well as have a lower risk of post-operative wound infections and scarring.

N-CASE Update

Primary goals for the Northwestern Center for Advanced Surgical Education (N-CASE) continue to be the advancement of educational programs and growth of existing research programs.

Research: Education initiatives in N-CASE continue to be based on solid theories in educational research. There are a variety of continuing and new research initiatives in N-CASE. One such project is the development and evaluation of a sound process for creating simulation-based educational modules that focus on assessing intra-operative decision making. The project, led by Drs. Carla Pugh and Debra DaRosa, is sponsored by a grant from the U.S. Department of Defense. Other research projects associated with educational initiatives in N-CASE include the evaluation of the Verifications of Proficiency Examination used to evaluate residents' technical proficiency. Led by Drs. Hungness, DaRosa and Pugh, and N-CASE lab manager, Deborah Rooney, this initiative will guide advances of the assessment processes in surgery resident education.

In addition to research in surgical education, the N-CASE faculty continues to further advances in minimally invasive surgical techniques and approaches. A major focus of research by Drs. Nathaniel Soper, Eric Hungness, John Martin, and outgoing research fellow Edward Auyang is Natural Orifice Translumenal Endoscopic Surgery (NOTES). Dr. Auyang's work in technique and instrument development, as well as characterizing the physiologic effects of NOTES will be continued by incoming research fellow, Dr. Fernando Santos. Emerging from this work will be new methods to train and evaluate surgeons in acquiring minimally invasive surgical techniques, including single-incision laparoscopy and NOTES.

...continued...N-CASE Update

Education: Last year, a new surgical skills curriculum incorporating the National Skills Curriculum developed by the American College of Surgeons and Association of Program Directors in Surgery was introduced in N-CASE. The initiative focused on the curriculum for first-year residents, and was led by Drs. Eric Hungness, Director of the Surgical Skills Curriculum, Debra DaRosa, and Jonathan Fryer. Given the success of the new curriculum, the program has been expanded even further this year to include a new skills curriculum for the second-year residents. This curriculum, led by Dr. Anne Marie Boller, offers the residents a more comprehensive skills curriculum that builds on last year's curriculum. Further, the curriculum offers the residents increased opportunities for practice and feedback from faculty. In addition to the implementation of a new skills curriculum for the second-year residents, the curriculum for the senior residents has been enhanced. Led by Dr. Alexander Nagle, the senior residents' skills curriculum has been updated to offer residents more experience in a variety of surgical scenarios. The new senior curriculum promotes academic professionalism by allowing chief residents the opportunity to serve as instructors for junior residents in the skills curriculum. The new skills curriculum offers all general surgery residents an augmented skills experience in a safe laboratory setting, while employing a standardized method to evaluate residents' technical proficiency via assessments called the Verifications of Proficiency (VOP). The success of the new surgery resident training initiative demonstrates the strong dedication of N-CASE faculty to outstanding training and assessment practices. We thank all faculty for their participation and support of this important endeavor.

Organ Transplantation Surgery Update

2009 has been an exciting time for the transplant program. During the "State of the School" address, J. Larry Jameson, MD, PhD, Dean of the Feinberg School of Medicine, announced the formation of a Comprehensive Transplant Center to house the research and training efforts of the multidisciplinary transplant programs, including adult and pediatric solid organ and cell transplants. Michael Abecassis, MD, MBA, was named founding director of the center. Since then, members of the division of organ transplantation have been actively formulating a center structure and planning a formal launch for the fall, while maintaining ongoing success in the research, education, and clinical missions of the division.

Research: 2009 is proving to be an extremely successful year for transplant research. Three major research collaboration grants from NIH are in a renewal process, and Northwestern transplant faculty have applied to all three and been scored very favorably in each case. Dr. Abecassis has submitted as the PI for a renewal to the A2ALL consortium, which has decided to make patient reported outcomes a key focus for the next five-year period. In collaboration with Dr. David Cella and the new department of Medical Social Sciences, the transplant division is already conducting research related to quality of life in liver transplant donors and recipients, and so is poised to be a leader during this five-year funding period. Dr. Abecassis has also submitted a grant 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). Last, Dixon Kaufman, MD, PhD, submitted for renewal to the islet transplant consortium, where he has led the most active site with the greatest number of patients achieving sustained insulin independence. The division is very optimistic that with these applications as well as several other NIH and industry studies in the late part of favorable review, grants in excess of \$20 million dollars of funding will be awarded in the coming months.

Education: The division, working with the division of hepatology, has graduated its first trainee from its ACGME-approved transplant hepatology fellowship. Additionally, a candidate has been accepted to the combined training program in gastroenterology, T32-funded outcomes and health services research, and transplant Hepatology. Jonathan Fryer, MD, assumed the role as associate program director for the general surgery residency and is enrolled in a program to gain a Master's degree in education while continuing his leadership with the American Society of Transplant Surgeons in curriculum development for transplant surgery fellowships.

Clinical Care: The division continued its tremendous clinical success, hitting two milestones. First, the team transplanted its 1000th liver this spring. And for the second consecutive year, Northwestern led the nation in living donor kidney transplantation, performing 166 of the procedures in 2008, more than 20 ahead of the second-largest program. The desensitization program for living donor kidney transplantation continues to achieve remarkable patient outcomes, while the living liver transplant program is actively growing and demonstrating excellent results.

Plastic Surgery Update

The plastic surgery division continues to be quite active clinically, with adjustments in the residency program and research grants.

Research:

The Wound Healing laboratory has been very active under the joint direction of Drs. Thomas Mustoe and Robert Galiano. Funding has been renewed from the Armed Forces Institute of Regenerative Medicine (strategies to reduce scarring, and oxidative injury), and continues from the NIH (P20) to look at the role of epithelium in scarring as well as industry funding from several sources (notably Excaliard to study antisense therapeutics for anti-scarring). Two major grants have been submitted to the Department of Defense to examine the role of biofilm in chronic wounds utilizing a novel animal, and stem cells, as a therapy for reduction in scarring and a regenerative phenotype in response to tissue injury.

Education:

The division is planning to add a rotation at the VA beginning in July to replace the rotations at ENH; additional rotations are also planned at NMH. The Shriners Hospital has reduced operating room time and clinics secondary to the reduction in their endowment. This change will allow increased flexibility in scheduling patients in the residents clinic and increasing clinic time. Our residents have been above the 90th percentile nationally in numbers of cases performed. A number of cases at NMH are covered only by a physicians assistant, so we are optimistic that the residents experience will not suffer. A lack of sufficient clinic time on several rotations has been an issue in the past and the above changes will ensure that appropriate continuity in following patients pre- and postoperatively improves. We are confident that the operating experience will continue to be exceptional.

Clinical Care:

Clinically, Dr. Bruce Bauer has stepped down as Chief at Children's Memorial Hospital and reduced his operating time there significantly. A search committee has been formed to select a new chief. Dr. Julie Corcoran continues in her role as director of the Children's residency rotation. Dr. Neil Fine is leaving the NMFF group to start his own practice at NMH. Overall, the volume of cases in plastic surgery which had increased by about 50% in the preceding 4 years has leveled off but hasn't dropped over the last year.

Trauma and Critical Care Update

The division provides care for injured and critically-ill patients and those with urgent or emergent general surgery conditions. Dr. Michael Shapiro was appointed to the Division Chief position in April after a nationwide search.

Research:

Division faculty are active in a wide variety of research arenas. Dr. Gary An's program of mathematical modeling of simulations of inflammation and pathophysiologic processes is funded by the National Science Foundation. Dr. An organized two national conferences this year. Dr. Marie Crandall's investigation of behavioral patterns and the effect of intervention on recidivism in trauma is funded by the Robert Wood Johnson Foundation. Dr. Michael Shapiro remains active in the NIGMS glue grant program examining inflammation and host responses. Dr. Issa has launched a research program in surgical education.

Education:

The new Surgical Critical Care fellowship began July 1st, with two fellows enrolled in this ACGME-approved program. Dr. Jane K. Lee, joined us from the UIC/Mount Sinai Residency Program. Dr. Mamta Swaroop completed residency at University of South Florida in Tampa before joining us. A new fellow-directed seminar series was created as part of a multidisciplinary collaborative approach to critical care education. Plans are underway to resume the division's Trauma conference soon.

Clinical Care :

The mainstay of our effort continues to be our focus on providing state-of-the-art care to patients who are injured, critically ill, or have other emergent surgical needs. The division maintains a consistent approach to care that is patient-centered and evidence-based. A constant analysis of practice and outcomes insures the application of best-practice models. Efforts are underway to recruit a new faculty member for the division.

Vascular Surgery Update

After 27 years at Northwestern University as a student, resident, fellow, and attending physician/professor, Jon S. Matsumura, M.D. has left to become the Chief of the Division of Vascular Surgery at the University of Wisconsin. Dr. Matsumura was instrumental in establishing endovascular therapy for abdominal aortic and thoracic aneurysms. He was a pioneer in the development of these techniques and will be missed.

Dr. Melina R. Kibbe is among 100 beginning researchers who have been named to receive the Presidential Early Career Awards for Scientists and Engineers, 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 will be presented in the fall at a White House ceremony.

Dr. James S. T. Yao was invited to Hong Kong in January 2009 as the Wilson T. Wang Visiting Professor at the Chinese University of Hong Kong. This is a surgical teaching and scholastic exchange program designed to advance the exchange of surgical knowledge and techniques between Hong Kong and major medical centers in the world. During his visit, Dr. Yao delivered the Wilson T. Wang Professorial lecture entitled "Vascular Surgery: Past, Present and Future" as well as a lecture at the Hong Kong Surgical Forum entitled "Vascular Surgery: A Global Perspective."

Two doctors who received the International Scholars Award from the Society for Vascular Surgery to fund visits to major medical centers in the United States visited the Division recently. Nora Elena Sanchez, from Universidad Nacional Autonoma de Mexico/Hospital Regional Lic. Adolfo Lopez Mateos in Mexico City, Mexico, visited June 15-19. Angel Flores, from the Hospital Virgen de la Salude de Toledo in Toledo, Spain, was here June 27-July 5.

As the Society for Vascular Surgery's representative to the American Medical Association House of Delegates, Dr. Mark D. Morasch was in the audience for President Obama's address on health care reform on June 15 and had the opportunity to personally meet the President.

Education:

The Division of Vascular Surgery has been approved for an Early Specialization Program residency program, which will provide more concentrated training in vascular surgery. The first three years of the program will consist of a combination of general and vascular surgery one month rotations and the final 2 years will be the same as the two-year fellowship program, providing a total of 24 months of core general surgery rotations and 36 months of vascular surgery experience. Upon completion of this program, a trainee will be eligible to pursue board certification in vascular surgery. The first resident (Mila Ju) for this 0+5 training program started on July 1, 2009.

The Division of Vascular Surgery received a Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (T32) to fund its "Vascular Surgery Scientist Training Program." The training program addresses a growing need in American health care – the need for vascular surgeon-scientists who can develop new ways to treat the ever-increasing problem of vascular disease in America's aging population. The grant will fund eight two-year training positions over the next five years. The first trainee (George Havelka) started work in Dr. Kibbe's laboratory on July 1, 2009.

Clinical Care:

Drs. Pearce and Eskandari opened an office at Lake Forest Hospital. Clinic hours are Mondays 2:30-5:00 p.m. (Eskandari) and Tuesdays 8:30 a.m.-12:00 p.m. (Pearce). In addition, Dr. Pearce was appointed medical director of the Wound Care Center at Lake Forest Hospital.

Drs. Morasch and Pearce have been granted privileges to practice at Advocate Illinois Masonic Hospital.



Division of Vascular Surgery

Audrey Rosinberg, MD (departing fellow)
Peter Naughton, MD (current fellow)
Manuel Garcia-Toca, MD (current fellow)

Children's Memorial Hospital Update

Marleta Reynolds, M.D., was appointed Surgeon-in-Chief at Children's Memorial Hospital, following her service in the role on an interim basis. Dr. Reynolds holds the Lydia J. Frederickson Professorship in Pediatric Surgery at the Feinberg School of Medicine.

Research:

Sunjay Kaushal, M.D., Ph.D., of Cardiovascular-Thoracic Surgery is the recipient of the Physician-Scientist Early Career Award from the Howard Hughes Medical Institute for his research proposal, "Tissue-engineering Cardiovascular Structures with Decellularized Matrices."

Hyde Russell, M.D., Cardiovascular-Thoracic Surgery Fellow, is researching the long-term outcomes of children who underwent surgical repair for common arterial trunk. Dr. Russell joined us in February after completing his Thoracic Surgery residency at Northwestern Memorial Hospital.

MaryBeth Madonna, M.D., of Pediatric Surgery continues lab research of drug resistance and response to growth factors in neuroblastoma.

Education:

Julia Corcoran, M.D., Surgical Clerkship Director, has initiated a program for third-year students of the Feinberg School of Medicine to rotate at Children's Memorial Hospital in General Surgery, Otolaryngology, Orthopaedic Surgery, Neurosurgery, and Plastic Surgery.

Carl Backer, M.D., of Cardiovascular-Thoracic Surgery presented at the 17th Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery in Taipei, Taiwan in March. His topics included Infant Atrioventricular Valve Repair: the Modified Single-patch Technique, and Timing and Conversion of Fontan to Total Cavopulmonary Connection.

Clinical: Pediatric Surgery is now performing Single Incision Laparoscopic Surgery (SILS) for a variety of procedures including appendectomy, cholecystectomy and intussusception. SILS is a technique wherein all laparoscopic instruments are placed through one incision at the umbilicus, which reduces scarring.

David Rothstein, M.D., of Pediatric Surgery served as general surgeon for Doctors without Borders in Goré, Chad, in March. His humanitarian work included numerous pediatric surgical cases, including colostomy on a newborn with Hirschsprung's disease.

Riccardo Superina, M.D., of Transplant Surgery was Invited Professor in Pediatric Surgery, L'viv Regional Hospital, L'viv Ukraine, in June. His humanitarian work included performing shunt surgery on three underprivileged patients with history of extrahepatic portal vein thrombosis.

Marybeth Browne, M.D. joins Pediatric Surgery in September after completing her Fellowship in Pediatric Surgery at Children's Memorial.

IT Update

Surgery IT Focus – New Services in a New Training Room

In March of this year, Dr. Soper and the Department of Surgery (DoS) dedicated a new video conference room, developed with a major grant from Sony, on the 6th floor of the 676 St Clair building. Designed to replace the old "Galter 10" facility, this new space made HD 1080 i/p quality video available from the OR for the first time. In the past few months, a number of other new services and initiatives have been added to the room and are being made available to the greater NU community as well.

New Services: Presentation Capture. As part of an effort to capture DoS events and make them available "off hours and off campus," the DoS has begun recording Grand Rounds and posting them on the web for "time shifting" and review. A physician who cannot attend Grand Rounds can now go to the Departmental Web site, login, and view Grand Rounds later in the day, week, or month. As part of a donation from SonicFoundry, Surgery IT now performs lecture capture – using a program called MediaSite – and records a video of each Grand Rounds presentation along with a full capture of the speaker's PowerPoint slides. Viewers can review the entire presentation – with no special software required – or jump to particular sections of most interest. The slide deck works like an "index." A click on a selected slide jumps the presentation video to that spot and the physician can focus on the most valuable part of the recording.

New Services: Network Video-Conferencing. The DoS is now providing a wider set of video-conferencing connections for Surgeons and other users on the greater NU Chicago Campus. Working with the University, Surgery IT is now able to offer direct connections to the University MCU, a device that allows multiple sites to transmit live video and audio safely and securely.

New Services: Intra-operative HD Recording. With the donation from Sony of a new surgical grade ImageCore capture system, the DoS can now capture, edit, and create DVD's of OR procedures as they take place from within the OR.

New Initiative: OR Live, Sony and Northwestern. OR Live, Sony and Northwestern have agreed to collaborate in the creation of a new all HD channel to be exclusively focused on Northwestern Department of Surgery.

Philanthropy Spotlight

Opportunities to Make the Economy Work for You Right Now

The word “opportunity” speaks of the chance to capitalize on temporary conditions and circumstances. As we work our way to an economic recovery, there are opportunities waiting for those who are creative, nimble, and charitably minded. Here are just two opportunities waiting for you.

Sell Those Losers Before Giving

In this down market, consider selling depreciated stock and then giving the proceeds to the Feinberg School of Medicine and reap double benefits:

The loss on the sale of the stock will offset other capital gain. Your cash gift generates a tax-saving charitable deduction.

Take the Guesswork out of Retirement Income

Consider combining charitable planning with retirement planning. A deferred charitable gift annuity would guarantee you a specific payout amount each year, beginning when you choose—all while offering major tax benefits. Your future income would be guaranteed regardless of what happens in the market.

Example: Tom, 55, transfers \$200,000 to us now in exchange for annual income at 8 percent each year—that will begin when he retires at the age of 65. After Tom’s death, funds from his gift will be available for a fund he wants to support.

This plan will pay \$16,000 per year to Tom for as long as he lives, and \$7,312 of his “income” will be tax-free for the balance of his life expectancy. Tom will take a deduction this year of \$54,542, which may save him more than \$19,090 in his 35 percent tax bracket.

Is Opportunity Knocking for You?

To receive a complimentary copy of our handbook, *Creating Your Legacy in Uncertain Financial Times: A Philanthropist’s Guide to Federal Taxes in ’09*, or to discuss your situation, please contact Courtney Weeks at (312) 503-3080 or c-weeks@northwestern.edu.

medical-development@northwestern.edu
www.feinberg.northwestern.edu/giving

Philanthropy

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

Sybil Chadwick
Manager, Professional Affairs
Department of Surgery
Ph: 312.926.8686
Fax: 312.926.7404
sboyajia@nmh.org

Department of Surgery Newly Funded Projects, Fiscal Year 2009

DIVISION	SPONSOR	TITLE	Budget Period	Amount
BREAST				
Khan, Seema A	National Cancer Institute	N01-CN-35157 Phase I and II Clinical Trials of Cancer Chemopreventive Agenst Protocol NWU 07-0-02 "Pre-surgical Phase IIB trial of transdermal 4-Hydroxytamoxifan vs. oral tamoxifen in women with duct carcinoma in situ of the breast"	1/1/09 - 9/30/10	\$1,115,350
Khan, Seema A	National Cancer Institute (via University of Kansas Medical Center Research Institute, Inc.)	Breast Cancer Prevention by Letrozole in High Risk Women	8/1/08 - 7/31/09	\$100,000
				New Fed FY09 \$1,215,350
Jeruss, Jacqueline	Northwestern Memorial Foundation	Cyclin Mediated Inhibition of Smad 3 Tumor Suppression in Breast Cancer	1/1/09 - 12/31/09	\$25,000
Hansen, Nora	Lynn Sage Cancer Research Fnd/NMH	Effect of Weight Loss on Breast Density Unsing both Digital Mammogrphy and Breast MRI	9/1/09 - 8/31/10	\$59,055
Jeruss, Jacqueline	Association of Women Surgeons	Novel Cell Array to Determine Impact of CDK Inhibition on Smad Signaling in Cyclin Over-expressing Breast Cancer	9/1/09 - 8/31/10	\$25,000
				New Non-Fed FY09 \$109,055
				TOTAL NEW \$1,324,405
GI/ENDO				
Soper, Nathaniel J	SAGES	Recipient Edward Auyang: "Deconstruction of NOTES for Training and Simulatinos Development		\$3,200
				New Non-Fed FY09 \$3,200
				TOTAL NEW \$3,200
PLASTIC				
Dumanian, Gregory	DOD (via RIRC)	Development of a Neural Interface for Control of Powered Lower Limb Prothesis	7/1/09 - 6/31/14	\$202,652
Mustoe, Thomas A	Department of Defense(via WRAIR)	The Role Klebsiella pneumoniae in biofilm as an etiology of chronic infection in War Injury	6/16/09-6/15/10	\$200,000
				New Fed FY09 \$402,652
				TOTAL NEW \$402,652
SURG/ONC				
Wayne, Jeffrey D	National Cancer Institute (via John Wayne Cancer Institute)	Prot# MSLT-II: Multicenter Selective Lymphadenectomy 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 with Mol	11/1/08 - 5/31/09	\$77,400
				New Fed FY09 \$77,400
Bentrem, David	American Medical Association	2009 Seed Grant Research Program	3/1/09 - 2/28/10	\$2,500
				New Fed FY09 \$2,500
				TOTAL NEW \$79,900
THORACIC				
Malairsrie, S, Chris	NMH/Eleanor Wood Prince Grant	Microembolic Signals During Aortic Valve Surgery Using Trascranial Doppler	1/1/10 - 12/3111	\$25,000
				New Non-Fed FY09 \$25,000
				TOTAL NEW \$25,000

Department of Surgery Newly Funded Projects, Fiscal Year 2009

DIVISION	SPONSOR	TITLE	Budget Period	Amount
TRANSPLANT				
Abecassis, Michael	Illinois Department of Healthcare and Family Services (via Northwestern Memorial Hospital)	Electronic Medical Information Systems to Improve Care of Organ Transplant Recipients	9/1/08 - 8/31/09	\$11,475
Kaufman, Dixon	Juvenile Diabetes Research Foundation International	Magnetic Resonance Imaging for Beta Cell Replacement Therapy in Large Animals and Man	9/1/08 - 8/31/09	\$249,983
Kaufman, Dixon	Northwestern Memorial Foundation	Magnetic Resonance Imaging for Beta Cell Replacement Therapy	9/1/08 - 8/31/09	\$29,836
Leventhal, Joseph	National Foundation to Support Cell Transplant Research	Induction of Donor Specific Tolerance in Recipients of Living Kidney Allografts by Donor Stem Cell Infusion	1/1/09 - 12/31/09	\$53,440
Leventhal, Joseph	National Foundation to Support Cell Transplant Research	Induction of Donor Specific Tolerance in Recipients of Living Kidney Allografts by Donor Stem Cell Infusion	1/1/09 - 12/31/09	\$26,720
			New Non-Fed FY09	\$371,454
			TOTAL NEW	\$371,454
TRAUMA CRITICAL				
An, Gary C	NIH (via University of Pittsburgh)	Molecular Biology of Hemorrhagic Shock (via University of Pittsburgh)	7/1/09 - 6/30/14	\$103,138
			New Fed FY09	\$103,138
			TOTAL NEW	\$103,138
VASCULAR				
Kibbe, Melina	Jesse Brown VA Medical Center	Intergovernmental Personnel Act Agreement for Janet Martinez	10/1/08 - 9/30/09	\$30,475
Kibbe, Melina	VA Merit Review Grant	Inhibition of Neointimal Hyperplasia Following Vascular Surgery	10/1/09 - 9/30/13	\$650,000
Kibbe, Melina	PECASE AWARD	PECASE AWARD		
Eskandari, Mark	National Heart, Lung, and Blood Institute (via Rhode Island Hospital)	Claudication: Exercise Vs. Endoluminal Revascularization (CLEVER)	7/1/08 - 7/31/09	\$24,864
Pearce, William	National Heart, Lung, and Blood Institute	Vascular Surgery Scientist Training Program	5/1/09 - 4/30/10	\$127,912
Kibbe, Melina	Northwestern Memorial Foundation	Differential Therapeutic Effects of Nitric Oxide in Type I and II Diabetes Mellitus	9/1/08 - 8/31/09	\$25,000
			New Fed FY09	\$858,251
Kibbe, Melina	American Medical Association/ Recipient:N. Tshilis	Nitric Oxide Inhibits Neointimal Hyperplasia following Vascular Surgery via the Ubiquitin-proteasome Pathway	7/1/09 - 6/30/10	\$48,428
			New Non-Fed FY09	\$48,428
			TOTAL NEW	\$906,679

SUMMARY

Total New Federal	\$2,656,791
Total New Non Federal	\$559,637
Total New AWARDS FY09	\$3,216,428

Industry Active Projects

DIVISION	SPONSOR	TITLE	BUDGET PERIOD
CARDIAC			
McGee, Edwin C	Thoratec Corporation	HeartMate II Post Market Study; Data Collection Reimbursement Agreement: INERMACS Inter-agency Registry of Mechanically Assisted Circulatory Support	5/1/09 - 5/1/12
GI/ENDO			
Hungness, Eric	Ethicon Endo-Surgery, Inc.	Prot# CI-08-0004: A Trial to Evaluate Natural Orifice Transvaginal Endoscopic Cholecystectomy with Laparoscopic Assistance	4/28/09 - 12/31/10
Hungness, Eric	Ethicon Endo-Surgery, Inc.	NOTES - Assisted Laparoscopic Cholecystectomy Surgery	1/9/09 - 1/8/12
Soper, Nathaniel J	Covidien Ltd.	Prot# AS08012: Prospective Randomized Controlled Trial of Traditional Laparoscopic Cholecystectomy versus SILS Port Laparoscopic Cholecystectomy	3/13/09 - 3/13/12
PLASTIC			
Galiano, Robert D	OrthoLogic Corp.	Evaluation of Escalating Doses of AZX100 on Hypertrophic Scarring in the Rabbit Ear Model	1/15/08 - 1/15/11
Galiano, Robert D	SANUWAVE, Inc.	Prot# SAN07-DERM01: Use of dermaPACE (Pulsed Acoustic Cellular Expression) Device in Conjunction with Standard of Care in the Treatment of Diabetic Foot Ulcers	5/5/08 - 7/31/10
Galiano, Robert D	Excaliard Pharmaceuticals, Inc.	Prot# EXC-2008-1: An Observational Study to Delineate the Natural History of Scar Development, Evolution, and Resolution in Healthy Human Volunteers Undergoing an Elective Abdominoplasty	9/1/08 - 9/1/11
Galiano, Robert D	Excaliard Pharmaceuticals, Inc.	Evaluation of Anti-Fibrotic Antisense Oligonucleotides in Rabbit Hypertrophic Scars	3/24/09 - 3/24/10
Kim, John Yah Sung	Musculoskeletal Transplant Foundation, Inc.	Prot# MTF-021: Human Acellular Dermis (FLEX-HD) in Immediate Tissue Expander Breast Reconstruction: A Clinical Trial	11/1/08 - 7/19/11
Mustoe, Thomas A	Amira Pharmaceuticals, Inc.	Effect of Topical 5-Lipoxygenase-Activating Protein (FLAP) Leukotriene Synthesis Inhibitor in a Rabbit Ear Scarring Model	5/29/09 - 5/29/12
THORACIC			
Blum, Matthew Garret	GlaxoSmithKline plc	Prot# 109493 / MAGRIT: A Double-Blind, Randomized, Placebo-Controlled Phase III Study to Assess the Efficacy of recMAGE-A3 + AS15 Antigen-Specific Cancer Immunotherapeutic as Adjuvant Therapy in Patients with Resectable MAGE-A3-Positive Non-Small Cell Lung	10/14/08 - 10/14/11

Industry Active Projects

DIVISION	SPONSOR	TITLE	BUDGET PERIOD
TRANSPLANT			
Friedewald, John J	Pfizer Inc. (via ICON Clinical Research)	Prot# A3921050: A Phase 2, Multicenter, Open-Label, Active Comparator-Controlled, Extension Trial to Evaluate the Long-Term Safety and Efficacy of CP-690,550 in Renal Allograft Recipients	9/3/08 - 9/3/09
Gallon, Lorenzo	Wyeth	Prot# 0468H1-4472: Randomized Conversion of Calcineurin-Inhibitors (Tacrolimus to Sirolimus) at 6-24 Months Post Transplant in a Prednisone-Free Immunosuppression Regimen: Impact on Incidence of Acute Cellular Rejection, Renal Allograft Function and T Cel	5/5/08 - 5/5/11
Gallon, Lorenzo	Astellas Pharma US, Inc.	Prot# KV-08-001: The Differential Effects of 3 Different Immunosuppressive Agents, Tacrolimus, Mycophenolate Mofetil and Sirolimus on the Generation of Tregs and DCregs in In Vitro MLR and T Cell Activation Assays	6/1/08 - 6/1/09
Kaufman, Dixon Blake	Asterand, Inc.	Collection of Human Pancreatic Islet Cells	7/8/08 - 7/7/09
Kulik, Laura M	Bayer HealthCare Pharmaceuticals, Inc.	Prot# IST000362: A Single-Center Proof of Concept Pilot Study to Evaluate the Safety, Efficacy, and Tolerability of Sorafenib Combined with Theraspheres in Subjects with Hepatocellular Carcinoma Awaiting Liver Transplantation	8/12/08 - 8/12/11
Levitsky, Josh	Wyeth	Prot# 0468E6-4479 / Version 1.0: Immune Tolerance Profiles After Conversion from Tacrolimus to Sirolimus After Liver Transplantation	5/8/08 - 5/8/11
Levitsky, Josh	Bristol-Myers Squibb Company	Prot# IM103045: Evaluation of Belatacept as First-Line Immunosuppression in De Novo Liver Transplant Recipients	9/2/08 - 9/2/11
Levitsky, Josh	Cangene Corporation	Prot# HB-009: Evaluation of HepaGam B in Combination with Antiviral Treatment in Hepatitis B Liver Transplant Patients	12/10/08 - 12/9/11
Miller, Joshua	Cylex Incorporated	Agreement for ImmuKnow-Related Projects	6/30/08 - 6/30/09
VASCULAR			
Eskandari, Mark	Medtronic Vascular	Endurant Stent Graft System US Clinical Study	10/21/08 - 10/21/11
Eskandari, Mark	Medtronic Vascular	Prot# IP 109: THRIVE: Descending Thoracic Aortic Aneurysm Endovascular Repair Post Approval Study	5/5/09 - 5/5/12
Eskandari, Mark	Cordis Corporation	Northwestern University Vascular Surgery Fellowship Grant	7/1/09 - 12/31/10
Morasch, Mark D	Fox Hollow Technologies, Inc.	Prot# FHT-P-07-005: RNA Expression Profiling of Lesions from In Vivo Carotid Atherectomies (REPLICA): A Carotid Plaque Observational Study	5/7/08 - 5/7/11
Pearce, William H	Tenaxis Medical, Inc.	Prot# CLN-004: The ArterX Vascular Sealant Clinical Evaluation	1/8/09 - 12/31/09
Rodriguez Alvarez, Heron	King Pharmaceuticals Research and Development, Inc.	Prot# K847-08-4003: A Phase 4, Multicenter, Open-Label, Observational Study Assessing the Impact of Exposure to THROMBIN-JMI (Thrombin, Topical U.S.P. [Bovine Origin]) on Coagulation Parameters	4/3/09 - 4/3/12
Eskandari, Mark	Abbott Laboratories	Prot# 05-102: "The HERCULES Trial" A Prospective, Non-Randomized, Multi-Center, Single-Arm Clinical Trial to Assess the Safety & Efficacy of the RX Herculink Elite Renal Stent System for the Treatment of Suboptimal Post-Procedural Percutaneous Translumina	9/27/07 - 9/27/10

Awards, honors, presentations and publications

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).

An, Gary, MD

Promotion

Dr. An was promoted to Associate Professor of Surgery, effective September 2009.

Presentations:

An, G. "Dynamic Knowledge Representation Using an Agent-based Modeling Paradigm." Invited Speaker for the 2009 American Association of Pharmaceutical Scientists (AAPS) Annual Meeting and Exposition, Los Angeles, CA, November 9, 2009.

An, G. "Agent-based Dynamic Knowledge Representation: Closing the Translational Gap in Biomedical Research." Invited Speaker for the 2009 Biomedical Engineering Society (BMES) Annual Fall Meeting, Pittsburgh, PA, October 7-10, 2009.

An, G., Apostolova, E., Fukumoto, F., Tomuro, N. and Lytinen, S. "Update on the Shock Society Bioinformatics Initiative on Collaborative Curation and Automated Information Extraction." Poster presentation for the 32nd Annual Conference on Shock, San Antonio, TX, June 9, 2009.

Wandling, MW and An, G.

"Characterizing the Dynamics of Nosocomial Pneumonia in the Surgical Patient with an Agent-based Computational Model." Oral Presentation for the 3rd Combined Meeting of the Surgical Infection Societies of North America and Europe. Chicago, IL, May 8, 2009.

An, Gary. "Dynamic Knowledge Representation with Agent-based Modeling: Establishing a basis for an Evolutionary Paradigm for Biomedical Research." Invited Speaker for the Institute on Systems Science and Health, Ann Arbor, MI, May 6, 2009.

An, Gary. "Dynamic Computational Approaches to Systemic Inflammation." Invited Speaker for the 2009 Colloquium

of the International Sepsis Forum, St. Charles, IL, May 5, 2009.

An, Gary. "Dynamic Knowledge Representation with Agent-based Modeling: Towards an Ecological Paradigm for Biomedical Research." Invited Speaker for the Seminar Series, Center for the Study of Complex Systems at the University of Michigan, Ann Arbor, MI, April 7, 2009.

Solovyev, A., Zhou, L., Mikheev, M., Dutta-Moscato, J., An, Gary., Vodovotz, Y. and Mi, Q. "SPARK: A Systems Biology Framework for Agent-based Biomedical Modeling." Poster Presentation for the 2nd Cold Spring Harbor Meeting on Computational Cell Biology, Cold Spring Harbor, NY, March 25, 2009.

An, Gary, Parker, M. and Christley, S. "Introduction of an Agent-based Framework for Ontology Integration: A Step in the Evolution of Executable Knowledge Representation." Poster Presentation for the 2009 AMIA Summit on Translational Bioinformatics, San Francisco, CA, March 15, 2009.

An, Gary. "Translational Systems Biology of Inflammation and Healing." Invited Speaker, for the 8th Annual Retreat of the McGowan Institute of Regenerative Medicine, Nemaquin Woods, PA, March 10, 2009.

Publications

An, G, Mi, Q., Dutta-Moscato, J. and Vodovotz, Y. Agent-based models in translational systems biology. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*; *in press*.

Tegner, J.N, Compote, A, Auffray, C., An, G., Cedersund, G., Clermont, G., Gutkin, B., Oltavai, Z.N., Stephan, K.N., Thomas, R. and Villoslada, P. Computational disease modeling – fact or fiction? *BMC Systems Biology* 2009; 3:56 (June 4, 2009).

Chau, T.A., McCully, M.L., Brintnell, W., An, G., Kasper, K.J., Haeryfar, S.M.M., McCormick, J.K., Cairns, E., Heinrichs,

Awards, honors, presentations and publications

D.E. and Madrenas, J. TLR2 Ligands on the Staphylococcal Cell Wall Down-regulate Superantigen-Induced T Cell Activation and Prevent Toxic Shock Syndrome. *Nature Medicine* 2009; 15:641-648. Doi: 10.1038/nm.1965

An, G and West, MA. Compartment Syndrome of the Abdomen. *British Medical Journal (BMJ) Point of Care powered by Epocrates*: <http://group.bmj.com/products/evidence-centre/bmj-point-of-care/>. May 6, 2009.

Vodovotz, Y and An, G. Systems Biology and Inflammation. In Yan, Q. (ed): *Systems Biology in Drug Discovery and Development: Methods in Molecular Biology Series*. Humana Press, in press.

An, G., Apostolova, E., Fukumoto, F., Tomuro, N. and Lytinen, S. Update on the Shock Society Bioinformatics Initiative on Collaborative Curation and Automated Information Extraction. *Shock*. 2009, 31 (S1):69.

Wandling, MW and An, G. Characterizing the Dynamics of Nosocomial Pneumonia in the Surgical Patient with an Agent-based Computational Model. *Surgical Infections*. 2009, 10(2):202-203.

An, G, Parker, M and Christley, S. Introduction of an Agent-based Framework for Ontology Integration: A Step in the Evolution of Executable Knowledge Representation. *Proceedings of the American Medical Informatics Association Summit on Translational Bioinformatics*. 2009.

Baker, Carl, MD

Presentations

Speaker, 17th Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery, Infant Atrioventricular Valve Repair: The Modified Single-patch Technique. Taipei, Taiwan, March 5-8, 2009

Speaker, 17th Annual Meeting of the Asian Society for Cardiovascular and Thoracic

Surgery, Timing and Conversion of Fontan to Total Cavopulmonary Connection. Taipei, Taiwan, March 5-8, 2009

Speaker, Grand Rounds presentation, Children's Memorial Hospital, Chicago, IL. The

History of Pediatric Tracheal Surgery and the Contribution of Children's Memorial Hospital, April 6, 2009.

Keynote Lecture, The American Society of Echocardiography 2009 Chicago Sonographer Update, Hypoplastic Left Heart Syndrome: Surgical Evolution over the last 30 years. Oak Brook, IL. April 25, 2009.

Publications:

Mavroudis C, Backer Carl, Kaushal S. Aortic stenosis and aortic insufficiency in children: impact of valvuloplasty and modified Ross-Konno procedure. *Semin Thorac Cardiovasc Surg Ped Card Surg Annu* 2009;76-86.

Petroski RA, Grady KL, Rodgers S, Backer Carl, Kulikowska A, Canter C, Pahl E. Quality of life in adult survivors greater than 10 years after pediatric heart transplantation. *J Heart Lung Transplant*. 2009;28:661-666.

Backer Carl, Kelle AM, Mavroudis C, Rigsby CK, Kaushal S, Holinger LD. Tracheal Reconstruction in children with unilateral lung agenesis or severe hypoplasia. *Ann Thorac Surg* August, 2009; (In press).

Tsao S, Deal BJ, Backer Carl, Ward K, Franklin WH, Mavroudis C. Device management of arrhythmias after Fontan conversion. *J Thorac Cardiovasc Surg* August 2009 (In press).

Bentrem, David, MD

Publications

Weber S, Cho C, Bentrem DJ, Nakeeb A, Schmidt M, Merchant N, Parikh A, Martin RC, Scoggins CR, Ahmad S, Kim HJ, Hawkins W, Kooby D. Laparoscopic distal pancreatectomy: complication risk score predicts morbidity and risk for pancreatic fistula. *Annals of Surgical Oncology* (accepted)

Bilimoria K, Phillips JD, Rock Colin E, Hayman A, Prystowsky JP, and Bentrem DJ. Effect of surgeon training, specialization, and experience on outcomes for cancer surgery: a systematic review of the literature. *Annals of Surgical Oncology* 2009;16(7):1799-808.

Bilimoria KY, Bentrem DJ, Stewart AK, Winchester DP, and Ko CY. Comparison of commission on cancer-approved and non-approved hospitals in the United States. *J of Clinical Oncology* 2009 (in press)

Bentrem DJ, Bilimoria KY, Cohen M, Hynes DL and Ko CY. Identification of quality improvement opportunities for the elderly undergoing gastrointestinal surgery. *Archives of Surgery* 2009

Merkow RP, Bilimoria KY, McCarter MD, Bentrem DJ. Does obesity matter? Effect of body mass index on short-term outcomes after colectomy for cancer. *JACS* 2009;208(1):53-61.

Yermilov I, Bentrem DJ, Sekeris E, Jain S, Maggard M, Ko CY, and Tomlinson JS. Readmissions following pancreaticoduodenectomy: a population based appraisal. *Ann Surg Onc* 2009;16:554-61.

Awards, honors, presentations and publications

Blum, Matthew, MD

Promotion

Dr. Blum was promoted to Associate Professor of Surgery, effective September 2009.

Publications

Blum MG, de Hoyos A, Kapadia M. Acute Superior Vena Cava Occlusion After Stenting of Tracheoesophageal Fistula. *Ann Thorac Surg.* 2009;87:1260-1262.

Patel JD, Hensing TA, Rademaker A, Hart EM, Blum MG, et al: Phase II study of pemetrexed and carboplatin plus bevacizumab with maintenance and bevacizumab as first-line therapy for non-small cell lung cancer. *JCO early release, published online ahead of print May 11 2009.*

Phillips JD, Yeldandi A, Blum MG, de Hoyos A. Bronchial carcinoid secreting insulin-like growth factor-I with acromegalic features. *Accepted for publication in the Annals of Thoracic Surgery, 2009.*

MacIver RH, Sundaresan S, de Hoyos AL, Sisco M, Blum MG. Mucosal tube technique for creation of esophageal anastomosis after esophagectomy. *Ann Thorac Surg.* 2009;87:1703-7.

de Hoyos A, Zanocco K, Blum M, McCarthy D. Balloon Dilational Tracheostomy: A simplified method for percutaneous tracheostomy. *Accepted for publication in the Annals of Thoracic Surgery, 2009.*

Chin, Anthony, MD

Presentations

Chin AC, Rothenberg SS: Laparoscopic Collis-Nissen Fundoplication in a patient

with a history of tracheoesophageal fistula with recurrent hiatal hernia and gastroesophageal reflux. 2009 SAGES Scientific Congress, Phoenix AZ, April 2009.

Rowell EE, Chin AC: Laparoscopic Repair of Traumatic Abdominal Wall Hernia following Handlebar Injury. 2009 IPEG scientific meeting, Phoenix, AZ, April 2009.

Mitchell JB, Benya EC, Wyers MR, Rigsby CK, Chin A: CT Evaluation of Bowel Obstruction in Children – A Pictorial Review. 2009 Pediatric Academic Society Annual Meeting, Baltimore, MD, May 2009.

Corcoran, Julia, MD

Publication

Corcoran J., Downing, SM, Tekian I, DaRosa D.A. Composite scoring validity in clerkship grading. *Academic Medicine.* (accepted for publication).

Crandall, Marie, MD

Awards/Honors

Selected to participate in Synergy 2009: Robert Wood Johnson Foundation Health Policy Workshop, Washington, D.C.

Presentations

Crandall M. Epidemiology of Traumatic Brain Injury Advances in the Management of Traumatic Brain Injury Conference Rehabilitation Institute of Chicago, Chicago, IL April 2009

Periyanyagam U, Crandall M Pregnancy and maternal trauma: Risk factors and outcomes. Master of Public Health Thesis Presentation and Defense Northwestern University Chicago IL May 2009

Crandall M, Boller M, Kibbe M Dating Career Development Seminar for Women in Surgery Northwestern University

(host site) Chicago, IL May 2009

Crandall M, Boller M, Shoup M Choosing a Specialty Career Development Seminar for Women in Surgery Northwestern University (host site) Chicago, IL May 2009

Crandall M Trauma Surgery and Emergency Medicine Roberto Clemente Peer Health Educator Program Northwestern University Chicago, IL July 2009

Publications

Crandall M, Shapiro M, West M. Does splenectomy protect against immune-mediated complications in blunt trauma patients? *Molecular Medicine* 2009;15 (7-8):263-7

Crandall M, Schwab J, Sheehan K, Esposito T. Illinois trauma centers and intimate partner violence: are we doing our share? *Journal of Interpersonal Violence* 2009; epub ahead of print

Crandall M. [Review of the book *While We Were Sleeping: Success Stories in Injury and Violence Prevention*] in press for *Journal of Trauma*

DaRosa, Debra, PhD

Presentations

“Use of the SCORE Curriculum as a Template for Evaluating and Planning a Program’s Clinical Curriculum.” (co-author), presented at the Association for Surgical Education’s Surgical Education Week, Salt Lake City, UT, April 30, 2009.

“A Skills Curriculum Framework to Oversee Transfer of Learning from Skills Lab to Bedside.” (co-author), American College of Surgeons, Division of Education – 2nd Annual Meeting of the consortium of ACS-Accredited Education Institutes, Chicago, IL March 2009.

Awards, honors, presentations and publications

DaRosa, Debra, PhD

Publications

Corcoran J., Downing, SM, Tekian I, DaRosa D.A. Composite scoring validity in clerkship grading. *Academic Medicine*. (accepted for publication).

DaRosa, D.A. Commentary: The nature of general surgery resident performance problems. *Surgery*. 2009. 145 (6): 659-60.

Development of an online morbidity, mortality, and near-miss reporting system to identify patterns of adverse events in surgical patients. Bilimoria KY, Kmiecik TE, DaRosa DA, Halverson A, Eskandari MK, Bell RH Jr, Soper NJ, Wayne JD. *Arch Surg*. 2009 Apr;144(4):305-11; discussion 311.

de Hoyos, Alberto, MD

Awards & Honors

Alberto de Hoyos was named one of America's Top Surgeons 2009 by Consumers Research Council of America

Publications

Blum MG, de Hoyos A, Kapadia M. Acute Superior Vena Cava Occlusion After Stenting of Tracheoesophageal Fistula. *Ann Thorac Surg*. 2009;87:1260-1262.

Phillips JD, Yeldandi A, Blum MG, de Hoyos A. Bronchial carcinoid secreting insulin-like growth factor-I with acromegalic features. *Accepted for publication in the Annals of Thoracic Surgery*, 2009.

MacIver RH, Sundaresan S, de Hoyos AL, Sisco M, Blum MG. Mucosal tube technique for creation of esophageal anastomosis after esophagectomy. *Ann Thorac Surg*. 2009;87:1703-7.

de Hoyos A, Zanicco K, Blum M, McCarthy D. Balloon Dilational Tracheostomy: A simplified method for percutaneous tracheostomy. *Accepted for publication in the Annals of Thoracic Surgery*, 2009.

Presentations

Speaker, STS/ACCP Winter Symposium. Resort in Squaw Creek, Lake Tahoe, CA. February 27-28, 2009.

Dumanian, Gregory, MD

Promotion

Dr. Dumanian was promoted to Professor of Surgery, effective September 2009.

Eskandari, Mark, MD

Publications

Complications of Carotid Stenting. 7th Annual WVI Symposium: New Horizons in Vascular & Endovascular Therapy, Galway, Ireland, May 21-22, 2009.

Heyer KS, Modi PK, Morasch MD, Matsuura JS, Kibbe MR, Pearce WJ, Resnick SA, Eskandari MK. Secondary infection of thoracic and abdominal aortic endografts. *J Vasc Intervent Rad* 2009;20:173-179.

Brown KE, Heyer K, Rodriguez H, Eskandari MK, Pearce WH, Morasch MD. Arterial reconstruction with cryopreserved human allografts in the setting of infection: A single-center experience with midterm follow-up. *J Vasc Surg* 2009;49:660-666.

Brown KE, Usman A, Kibbe MR, Morasch MD, Matsumura JS, Pearce WH, Amaranto DJ, Eskandari MK. Carotid stenting using tapered and nontapered stents: Associated neurological complications

and restenosis rates. *Ann Vasc Surg* 2009;23:439-445.

Fryer, Jonathan, MD

Publication

Jonathan P. Fryer, MD, and John C. Magee, MD. Optimizing the Surgical Residents' Educational Experience on Transplant Surgery *Journal of Surgical Education* (In Press)

Grady, Kathleen L., PhD

Awards and Honors

April 17, 2009 Medical honoree (Coeur, D'Or) American Heart Association, Chicago Heart Ball

Presentations

Speaker, Important Improvements in Quality of Life after MCS D Implant: First Results from INTERMACS. Third Annual INTERMACS Meeting. Orlando, FL. March 27, 2009.

Speaker, Evaluation of Quality of Life Measures after MCS D Implantation. Third Annual INTERMACS Meeting. Orlando, FL. March 27, 2009.

Speaker, Quality of Life Research in Cardiovascular Disease. 35th Ten-Day Seminar on Epidemiology and Prevention of Cardiovascular Disease (sponsored by the AHA). Lake Tahoe, CA. August 2009

Publications

Mendes de Leon CF, Grady K, Powell LH, Calvin J, Richardson D, Rucker-Whitaker C, for the HART investigators. Baseline data from the Heart Failure Adherence and Retention (HART) trial. *Journal of Cardiopulmonary Rehabilitation* 2009;29(3):171-178.

Awards, honors, presentations and publications

Grady, Kathleen L., PhD

Publications cont.

Petroski RA, Grady KL, Sullivan C, Rodgers S, Backer CL, Pahl E. Quality of Life in Adult Survivors Greater than 10 Years Post Pediatric Heart Transplantation: A Pilot Study. *Journal of Heart and Lung Transplantation* 2009;28:661-6.

Grady KL, Lee R, Subacius H, Malaisrie SC, McGee EC, Kruse J, Goldberger J, McCarthy PM. Quality of life before and after isolated cardiac surgery: Does the MAZE procedure offer the greatest improvement? *J Am Coll Cardiol* 53(10):A403. March 10, 2009.

Grady KL, Ulisney KL, Kirklin JK, Naftel DC, Gelijns AC, Young JB, Martin T, Chisholm K, Moskowitz A. Important improvements in quality of life after MCS implant: First results from INTERMACS. *J Heart Lung Transplant* 28:2S S207, 2009.

Ulisney KL, Grady KL, Kirklin JK, Naftel DC, Gelijns AC, Moskowitz AJ, Young JB, Myers SL, Wissman SA. Evaluating quality of life prior to MCS implant is a challenge: Results from INTERMACS. *J Heart Lung Transplant* 28:2S S269, 2009.

White-Williams C, Grady K, Wang EC, Naftel DC, Rybarczyk B, Young JB, Pelegrin D, Myers S, Kirklin J, Czerr J, Kobashigawa J, Chait J, Heroux A, Higgins R. The relationship of social support and quality of life 5 to 10 years after heart transplantation. *J Heart Lung Transplant* 28:2S S128, 2009.

Wang EC, Grady KL, Rybarczyk B, Naftel DC, Myers S, Kirklin JK, Young JB, Pelegrin D, Czerr J, Kobashigawa J, Chait J, Heroux A, Higgins R, White-Williams C. Missing data imputation strategies on long-term quality of life outcome after

heart transplantation. *J Heart Lung Transplant* 28:2S S270, 2009.

Cotts WG, Tambur AR, Klein L, Grady K, Lapin B, Subacius H, Ferguson G, Schupbach E, Ramon D, Zeigler S, Kansal P, O'Connell JB, Montpetit M, McGee EC. Impact of virtual crossmatch on outcomes in heart transplantation. *J Heart Lung Transplant* 28:2S S151, 2009.

Shah RU, Johnson NP, Montpetit MC, Schupbach E, Grady KL, O'Connell JB, McGee EC, Cotts WG, Klein L. Development of metabolic syndrome during the first year after heart transplantation is associated with vasculopathy. *J Heart Lung Transplant* 28:2S S200, 2009.

Wilcox JE, Cotts WG, Zeigler S, Kansal P, O'Connell JB, Grady KL, Ferguson G, McGee EC, Klein L. Long-term effects of Sildenafil on pulmonary pressures and right heart function in heart transplant recipients. *J Heart Lung Transplant* 28:2S S226, 2009.

Stosor V, Angarone M, Scarsi K, Zembower T, Ison M, McGee E, Grady K, Cotts W. CMV Infection after heart transplantation occurs in the setting of prolonged Valganciclovir prophylaxis. *J Heart Lung Transplant* 28:2S S241, 2009.

Stosor V, Zembower T, Angarone M, McGee E, Scarsi K, Grady K, Cotts W, Ison M. Infections After heart transplantation with Basiliximab induction: A single center experience. *J Heart Lung Transplant* 28:2S S288, 2009.

Grady K, Wang E, Higgins R, Heroux A, Rybarczyk B, Young JB, Pelegrin D, Czerr J, Kobashigawa J, Chait J, Naftel DC, White-Williams C, Myers S, Kirklin J. Symptom Frequency and Distress from 5 to 10 years after Heart Transplantation. *Journal of Heart and Lung Transplantation* 2009;28:759-68.

Grippe, Paul, PhD

Presentations

Grippe, Paul J, PhD
Speaker: 2009 National Pancreas Foundation Fellow's Symposium Session IV: Update on Animal Models of Pancreatic Cancer Chicago, IL, April 19, 2009

Grippe, Paul J, PhD
Speaker: 2009 Pilot's Assistance Forum (sponsored by Air Line Pilots Association or ALPA)
Aeromedical Session: Occupational Risk of Cancer among Pilots Washington, DC, August 6, 2009

Publications

Strouch MJ, Ding Y, Salabat MR, Melstrom LG, Adrian K, Quinn C, Pelham C, Rao S, Adrian TE, Bentrem DJ, Grippe PJ. A High Omega-3 Fatty Acid Diet Mitigates Murine Pancreatic Precancer Development. *Journal of Surgical Research* (in press).

Halverson, Amy, MD

Promotion

Dr. Halverson was promoted to Associate Professor of Surgery, effective September 2009.

Hansen, Nora, MD

Awards and Honors

2010 Lynn Sage Cancer Research Foundation Grant initiative: Effect of Weight loss on Breast Density Using both Digital Mammography and Breast MRI. Awarded June 2009

Awards, honors, presentations and publications

Hansen, Nora, MD

Presentations

Does DCIS Accompanying Invasive Carcinoma Affect Prognosis? (Discussant) Central Surgical Association, Sarasota Florida, March 5, 2009

Microscopic Positive Sentinel Lymph Nodes: When is ALND Necessary? 33rd Annual Symposium of the American Society of Breast Disease, Chicago, Illinois, April 4, 2009.

Local Therapy in Young Women. American College of Surgeons, Istanbul, Turkey. April 25, 2009

Micrometastases in the Sentinel Node. American College of Surgeons, Istanbul, Turkey. April 25, 2009.

Prognostic importance of micrometastasis in the sentinel node. American College of Surgeons, Istanbul, Turkey. April 25, 2009.

Breast Cancer Update. St. Joseph Hospital Grand Rounds, Chicago, Illinois, May 27, 2009.

Breast Disease. American Physician Institute, Review Course lecturere, Chicago, Illinois. June 24, 2009.

Publications

Gradishar WJ, Hansen NM, Susnik. A multidisciplinary approach to the use of oncotype DX in clinical practice.

Clinical Advances in Hematology and Oncology April 2009; 7(4):supplement 9, 1-7.

Hulvat MC, Hansen NM, Jeruss JS. Multidisciplinary Care for Patients with Breast Cancer. In: Surgical Clinics of North America. Eds. Martin RF, Brown

KM, Shoup M 2009;1(89):133-1176.

Hansen, NM, Paget's Disease. Harris JR, Lippman ME, Morrow, M, Osborne CK, (eds) in Diseases of the Breast 4th Ed. Lippincott, Williams & Wilkins, 2009

Hansen NM, Grube B, Ye X, Turner RR, Brenner J, Giuliano AE. The impact of micrometastasis in the sentinel node of patients with invasive breast cancer. J Clin Oncol.

Hungness, Eric, MD

Presentations

Faculty Instructor, SAGES Hands-on Course, Endoluminal/NOTES, Phoenix, April 22, 2009

Faculty Instructor, SAGES Hands-on Course, Advanced Laparoscopic Techniques, Phoenix, April 23, 2009

Speaker, 2nd Annual highlights of Digestive Disease Week 2009, Obesity Surgery in 2009, Chicago, June 27, 2009.

Speaker, Olympus Masters in MIS Course, Funding models for specialty training, Kennebunkport, July 10, 2009

NOSCAR Hands-on Course – NOTES, Instructor, Boston, July 11, 2009.

Speaker, Original Abstract, Natural Orifice Surgery Consortium for Assessment and Research – 4th International Conference, Improving patient safety and multidisciplinary team efficiency in NOTES, Boston, July 11, 2009.

Presenter, Poster, Natural Orifice Surgery Consortium for Assessment and Research – 4th International Conference, Comparison of rigid and flexible endoscopic systems for performing PEG transfer exercises in novices, Boston, July 11, 2009.

Publications

Auyang ED, Hungness ES, Vaziri K, Martin JA, Soper NJ. Human Notes Cholecystectomy: Transgastric Hybrid Technique. J Gastrointest Surg, 2009 13(6): 1149-1150

Auyang ED, Hungness ES, Vaziri K, Martin JA, Soper NJ. Natural orifice transluminal endoscopic surgery (NOTES): dissection for the critical view of safety during transcolonic cholecystectomy. Surg Endosc, 2009 23(5): 1117-1118.

Swanstrom LL, Volckman E, Hungness ES and Soper NJ. Patient attitudes and expectations regarding natural orifice transluminal endoscopic surgery. Surg Endosc, 2009 April 3. [Epub ahead of print]

Thompson CC, Ryou M, Soper NJ, Hungness ES, Rothstein RI, Swanstrom LL. [Evaluation of a manually driven, multi-tasking platform for complex endoluminal and natural orifice transluminal endoscopic surgery applications \(with video\)](#). Gastrointest Endosc. 2009 Apr 23. [Epub ahead of print]

Volckmann E, Hungness ES, Soper NJ, and Swanstrom LL. Surgeon Perceptions of Natural Orifice Transluminal Endoscopic Surgery (NOTES). J of Gastrointest Surg, 2009 Jun 2 [Epub ahead of print].

Chan E, Auyang EA and Hungness ES. Laparoscopic Management of Type VI Choledochal Cysts. In Press - JSLS.

Awards, honors, presentations and publications

Jeruss, Jackie, MD, PhD

Presentations

Zelivianski S, Cooley A, Kall R, Jeruss JS. Impact of Cyclin D on Smad 3 Tumor Suppression. Society of Surgical Oncology 62nd Annual Cancer Symposium; Phoenix, AZ, March, 2009

Cooley A, Zelivianski S, Kall R, Jeruss JS. Cyclin E overexpression effects cell cycle control through inhibition of Smad 3 activity in breast cancer cells. American Association for Cancer Research 100th Annual Meeting, Denver, CO, April 2009

Zelivianski S, Cooley A, Kall R, Jeruss JS. Cyclin D overexpression inhibits Smad 3 tumor suppression through CDK4 in breast cancer cells. American Association for Cancer Research 100th Annual Meeting, Denver, CO, April 2009

Mittendorf EA, Tucker SL, Jeruss JS, Gonzalez-Angulo AM, Bucholz TA, Sahin AA, Cormier JN, Hortobagyi GN, Hunt KK. Validation of a novel staging system for breast cancer patients treated with neoadjuvant chemotherapy. American Society of Clinical Oncology 2009 Annual Meeting, Orlando, FL, June 2009

Publications

Jeruss JS. Prognostic outcomes and decision-making for local-regional therapy after neoadjuvant chemotherapy: Pre-treatment clinical staging or posttreatment pathologic staging? *Current Breast Cancer Reports* 2009;1(2):90-97. Epub 2009 May 21.

Hulvat MC, Jeruss JS. Maintaining fertility in young women with breast cancer. *Curr Treat Opt Oncol* 2009; (in press).

Redig AJ, Woodruff TK, Jeruss JS. Oncofertility in Clinical Practice. *Am J Hem Onc* 2009; (in press).

Mangat A, Schiller C, Mengoni P, Rey-

nolds C, Jeruss JS. Calcifying fibrous pseudotumor of the breast. *Breast J* 2009; 15(3):299-301.

Kibbe, Melina, MD

Publications

Decision Making in T1 Translational Research, Young Investigator Forum, CTSA Translational Science Workshop, Bethesda, MD, February 11, 2009.

Women and Peripheral Artery Disease: The Good, the Bad and the Ugly. Women's Health Research Forum, Institute for Women's Health Research, Northwestern University, Chicago, IL March 17, 2009.

The Nuts and Bolts of Scientific Writing. Developing a Career in Academic Surgery Course, Association of Academic Surgery, Brisbane, Australia, May 5, 2009.

Do Cerebral Protection Devices Really Protect? Clinical Congress, Royal Australasian College of Surgeons, Brisbane, Australia, May 6, 2009.

Career Paths. Career Development Seminar for Women in Surgery, Northwestern University, Chicago, IL May 21, 2009.

Negotiations and Getting Promoted. Career Development Seminar for Women in Surgery, Northwestern University, Chicago, IL May 21, 2009.

Critical Limb Ischemia: The Basics. Limb Salvage and Functional Reconstruction: Vascular Orthopaedic and Wound Care Team Approach. University of California, San Diego, Del Mar, CA, June 26, 2009.

Stem Cell Therapy for Critical Limb Ischemia. Limb Salvage and Functional Reconstruction: Vascular Orthopaedic and

Wound Care Team Approach. University of California, San Diego, Del Mar, CA, June 26, 2009.

Khan, Seema, MD

Presentations

Agha Khan University Hospital Karachi, Pakistan, Surgical Grand Rounds "The importance of local therapy in the cure of breast cancer" February 21st 2009.

Shaukat Khanum Comprehensive Cancer Center, Lahore, Pakistan, Eighth Annual Shaukat Khanum Memorial Conference "Local therapy for the intact primary tumor in women with Stage IV breast cancer" Feb 28th 2009.

Breast Round Table Massachusetts General Hospital Boston MA, "Local therapy for the intact primary tumor in women with Stage IV breast cancer" May 2nd, 2009

Breast International Group (BIG-BIGGER) annual meeting Washington DC. Presentation of Phase III clinical trial concept for ECOG: The value of local therapy for the primary tumor in women with Stage IV breast cancer.

American Society of Breast Diseases, 25th Annual Meeting, April 4-5 Chicago IL. "Management of high risk lesions of the breast" "Local therapy for in-breast recurrence of breast cancer"

American Society of Breast Surgeons, Eight Annual Meeting, San Diego CA April 24-26 "Biomarkers in Nipple Aspiration Fluid" "The importance of the intact primary tumor in Stage IV breast cancer".

Organized Komen Breast Cancer symposium at the Society of Surgical Oncology 62nd Annual Cancer Symposium "What to do about the Primary Tumor in Stage IV

Awards, honors, presentations and publications

Breast Cancer?" March 5, 2009, Phoenix, AZ
Khan, Seema, MD

Publications

Fackler MJ, Rivers A, Teo WW, Mangat A, Taylor E, Zhang Z, Goodman S, Argani P, Nayar R, Susnik B, Sukumar S, Khan SA. Hypermethylated genes as biomarkers of cancer in women with pathologic nipple discharge. *Clin Cancer Res*. 2009 Jun 1;15(11):3802-11. Epub 2009 May 26.

Khan SA, Lankes HA, Patil DB, Bryk M, Hou N, Ivancic D, Nayar R, Masood S, Rademaker A. Ductal Lavage Is an Inefficient Method of Biomarker Measurement in High-Risk Women. *Cancer Prev Res*. 2009 Mar;2(3):265-73. Epub 2009 Feb 17.

Kaufman, Dixon, MD, PhD

Awards & Honors

2009 United Network for Organ Sharing (UNOS) Chair, Pancreas Committee, national representative 2009

2009 American Society of Transplant Surgeons, Councilor

2009 Editorial Board of Clinical Transplantation Journal

Publications

Ison, MG, Parker M, Stosor V, Kaufman DB. 2009. Development of BK Nephropathy in Recipients of Simultaneous Pancreas-Kidney Transplantation. *Transplantation*. 87:525-30.

Kaushal, Sanjay, MD

Awards

Recipient of the Physician-Scientist Early Career Award of the Howard Hughes

Medical Institute, "Tissue-engineering Cardiovascular Structures with Decellularized Matrices."

Presentations

Speaker, 2009 National Clinical and Translational Research Education Annual Meeting, Characterization of Human Cardiac Progenitor Populations derived from Right Atrial Myocardium in Young Congenital Heart Patients. Washington, DC, April 14, 2009.

Speaker, Experimental Biology, Characterization of Human Cardiac Progenitor Populations derived from Right Atrial Myocardium in Young Congenital Heart Patients. New Orleans, LA, April 20, 2009

Publications

Mavroudis C, Backer CL, Kaushal S. Aortic stenosis and aortic insufficiency in children: impact of valvuloplasty and modified Ross-Konno procedure. *Thoracic Cardiovascular Surg Pediatric Card Surg Annual* 2009: 76-86.

Lee, Richard, MD

Promotion

Promoted to Associate Professor of Surgery, Department of Cardiothoracic Surgery (effective September 1, 2009).

Awards & Honors

Elected President of the Medical Faculty Council (MFC) of the Feinberg School of Medicine for the 2009-2010 academic year.

Publications

Beyer EA, Lam BK, Lee R. Minimally invasive bipolar radiofrequency ablation of

lone atrial fibrillation: early multicenter results. *J Thorac and Cardiovasc Surg*. 2009 Mar;137(3):527-8.

Lee R. Cardiac Vagal Stimulation Eliminates Detrimental Tachycardia Effects of Dobutamine Used for Inotropic Support (Commentary). *Ann Thorac Surg* (in press).

Lee R, Kruse J, McCarthy PM. Surgery for atrial fibrillation. *Nat Rev Cardiol* (in press).

Grady K, Lee R, Subacius S, Malaisrie SC, McGee E, McCarthy P. Quality of Life before and after Cardiothoracic Surgery. American College of Cardiology – 58th Annual Scientific Session. Orlando, Florida, March 29-31, 2009.

Lee R, Rankin S, Li S, McGee E, O'Brien S, Malaisrie SC, Gammie J, McCarthy P. Incremental Risks of Tricuspid Valve Procedures in the STS Database. American College of Cardiology – 58th Annual Scientific Session. Orlando, Florida, March 29-31, 2009.

Lam BK, Meng X, Beyer EA, Lee R. Multi-center Results of Minimally Invasive Surgical Ablation of Lone Atrial Fibrillation by Bipolar Radiofrequency. American College of Cardiology – 58th Annual Scientific Session. Orlando, Florida, March 29-31, 2009.

Grady K, Lee R, Subacius H, Malaisrie SC, McGee E, Kruse J, Goldberger J, McCarthy P. Quality of Life Before and After Isolated Cardiac Surgery: Does the MAZE Procedure Offer the Greatest Improvement? American College of Cardiology – 58th Annual Scientific Session. Orlando, Florida, March 29-31, 2009.

Awards, honors, presentations and publications

Lee, Richard, MD

Presentations

Speaker, (STS University) Atrial Fibrillation Surgical Ablation: Concomitant and Stand-Alone; Why, How and Results. Society of Thoracic Surgeons - 45th Annual Meeting, San Francisco, California, January 2009.

Speaker, The Treatment of Atrial Fibrillation. Medical Education Series, Moraine Valley Community College, Palos Hills, Illinois, February 18, 2009.

Speaker, Thorascopic and Hybrid Solutions for "Lone" Atrial Fibrillation. Florida Valve 2009, Tampa Bay Heart Foundation, Tampa Bay, Florida, February 28, 2009.

Speaker, B Mini Thoracotomy Bipolar RFX (Irrigated vs Non Irrigated). Re-Evolution Summit - Minimal Access Cardiac Surgery, The Methodist Hospital, Houston, Texas, March 4, 2009.

Speaker, LAA Today and Tomorrow. Re-Evolution Summit - Minimal Access Cardiac Surgery, The Methodist Hospital, Houston, Texas, March 4, 2009.

Speaker, Vascular Grand Rounds Debate - Atrial Fibrillation: Medical Versus Surgical Management. Northwestern Memorial Hospital, Chicago, Illinois, April 1, 2009.

Speaker, The Treatment of Lone Atrial Fibrillation. Wuhan Asia Heart Center, Wuhan, China, April 10, 2009.

Speaker, The Current State of Lone AF Surgery. 11th South China International Congress of Cardiac Surgery & Cardiology, Guangzhou, China, April 11, 2009.

Speaker, Ablation vs. Surgery for Atrial Fibrillation: Antagonism or Synergism? American Association for Thoracic Sur-

gery - 89th Annual Meeting, Boston, Massachusetts, May 13, 2009.

Speaker, Lone Atrial Fibrillation Surgical Techniques: Thorascopic Box Lesion. International Society for Minimally Invasive Cardiac Surgery - Annual Meeting, San Francisco, California, June 3, 2009.

Madonna, Marybeth, MD

Presentations

Fei Chu, MD, PhD, YiYong Qiu MD, Sandra Clark, MS, Bernard Mirkin, MD, PhD, Mary Beth Madonna, MD: Class II histone deacetylases at the interface between metastasis and drug resistance in cancer cells. American Association of Cancer Research Annual Meeting, Denver, CO, April 2009.

Sandra Clark MS, Xin Zheng MD, PhD, Fei Chu, MD, PhD, Bernard Mirkin, MD, PhD, Mary Beth Madonna, MD: Suppression of midkine reverses cytoprotection in SK-N-SH human neuroblastoma doxorubicin-drug-resistant cells. American Association of Cancer Research Annual Meeting, Denver, CO, April 2009.

Janette Holub, MD, MPH, Abdelhadi Rebaa, PhD, YiYong Qiu, MD, Bernard Mirkin, MD, PhD, Mary Beth Madonna, MD, Fei Chu, MD, PhD: Cathepsin L inhibition suppresses tumor growth in vivo. American Association of Cancer Research Annual Meeting, Denver, CO, April 2009.

Mary Beth Madonna, MD, Sandra Clark, MS, Baojun Chang, MD, PhD, Xin Zheng, MD, PhD, Janette Holub, MD, MPH, Fei Chu, MD, PhD: Secreted midkine confers doxorubicin resistance in human SK-N-SH neuroblastoma cells both in vitro and in vivo. American Pediatric Surgical Association Annual Meeting, Fajardo, Puerto Rico, May 2009.

Mahvi, David, MD

Awards and Honors

Society for surgery of the alimentary tract- 2009- president

Journal of GI Surgery- 2009- Editorial board

Hepato-Pancreato-Biliary Surgery 2009- Editorial board

Presentations

Mahvi, DM. "Bile duct cancer: When is Surgery Indicated?" Digestive Diseases Week, Chicago June 1, 2009

Mahvi, DM. Moderator/ organizer- SSAT /SAGES joint symposium- "The endoscope as a surgical tool" Society for surgery of the alimentary tract Chicago June 3, 2009

Publications

Adams DM, Fenton SJ, Schirmer BD, Mahvi DM, Horvath K, Nichol, P. One size does not fit all: Current disposable laparoscopic devices do not fit the needs of female laparoscopic surgeons. *Surgical Endoscopy*. 2008; 22:2310-2313.

Wang P, Converse MC, Webster J, Mahvi D 'Improved' Calculation of Reflection Coefficient for Coaxial Antennas with Feed Gap Effect *IEEE Transactions on Antennas and Propagation* 2009; 57: 559- 563

McCord J, McDonald R, Sippel R, Leverson G, Mahvi D, Weber S. Surgical career choices: the vital impact of mentoring. *J Surg Res*. 2009; 155:136-41. 105.

Awards, honors, presentations and publications

Mahvi, David, MD

Publications cont.

Haemmerich D, Schutt DJ, Wright AW, Webster J, Mahvi DM. Electrical conductivity measurement of excised human metastatic tumors before and after thermal ablation. *Physiologic Measurements*. 2009; 30: 459-466

Ballian N, Mahvi DM, Kennedy GD. Colonoscopic findings and tumor site do not predict bowel obstruction during medical treatment of stage IV colorectal cancer. *The oncologist* 14 (6):580-5, 2009

Mahvi DM. Defining controlling and treating a pancreatic fistula. *J Gastrointestinal Surgery*. 2009; 7: 1187.

Strigel RM, Schutt DJ, Webster JG, Mahvi DM, Haemmerich D. An Electrode Array for Limiting Blood Loss During Liver Resection: Optimization via Mathematical Modeling in press *Open Biomed Eng J* 2009

Malaisrie, Chris, MD

Awards and Honors

Recipient of the Eleanor Wood Prince Grant Initiative; A Project of The Woman's Board of Northwestern Memorial Hospital. June 2009.

Presentations

Speaker, American College of Cardiology 58th Scientific Session. Preoperative Identification of Bicuspid Aortic Valves: Cardiac Magnetic Resonance Imaging versus Two-Dimensional Echocardiography. Orlando, FL. March 2009

Speaker, American College of Cardiology 58th Scientific Session. Quality of life

before and after isolated cardiac surgery. Does the MAZE procedure offer the greatest improvement? Orlando, FL, March 2009.

Speaker, The Methodist Hospital: Re-Evolution Summit. Minimally-Invasive Aortic Valve Replacement. Houston, TX, March 2009.

Speaker, The Methodist Hospital: Re-Evolution Summit. Transcatheter Heart Valve for Aortic Stenosis. Houston, TX, March 2009.

Speaker, The Cardiology Fellowship Core Curriculum Lecture Series. Bluhm Cardiovascular Institute, Northwestern Memorial Hospital, Northwestern University Cardiac Surgery: AV & Root. Chicago, IL, August 2009.

Publications

Sze DY, van den Bosch MA, Dake MD, Miller DC, Hofmann LV, Varghese R, Malaisrie SC, van der Starre PJ, Rosenberg J, Mitchell RS. Factors Portending Endoleak Formation After Thoracic Aortic Stent-Graft Repair of Complicated Aortic Dissection. *Circ Cardiovasc Intervent*. 2; 105-112, Feb 2009.

McCarthy PM, Malaisrie SC. Mitral valve repair and replacement, including associated atrial fibrillation and tricuspid regurgitation. In: Otto CM, Bonow RO, eds. *Valvular heart disease: a companion to Braunwald's heart disease*. 3rd ed. Philadelphia, PA: Saunders/Elsevier; Aug 2009.

McCarthy, Patrick, MD

Presentations

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

Speaker, Edwards Heart Valve Treatment Forum. Surgical Treatment Update: Etiology Based Strategy. Tokyo, Japan, February 2009.

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

Speaker, Edwards Heart Valve Treatment Forum. Tissue Valve – Tissue Valve Replacement Benefit. 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.

Discussant, 12th Annual Society of Cardiovascular Anesthesiologists Comprehensive Review & Update of Perioperative Echo Meeting. Case Discussion: Mitral Valve Surgery. San Diego, CA, February 2009.

Speaker, 12th Annual Society of Cardiovascular Anesthesiologists Comprehensive Review & Update of Perioperative Echo Meeting. Tricuspid: The Rodney Dangerfield 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, Edwards Global Heart Valve Disease Summit 2009. Surgery for Ischemic Mitral Regurgitation: State-of-the-Art. Atlanta, GA, March 2009.

Awards, honors, presentations and publications

McCarthy, Patrick, MD

Presentations cont.

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

Speaker, American College of Cardiology 58th Annual Scientific Session. Tricuspid Valve 2009. 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 College of Cardiology, AHA, Midwest Affiliate. 3rd Midwest Fellows Forum. To Stent or to Sew: That is the Question. Chicago, IL, April 2009.

Speaker, Northwestern Memorial Foundation Professional Council for Philanthropy. NUvention. Chicago, IL, May 2009.

Speaker, 89th Annual American Association for Thoracic Surgery Meeting. Should Functional Mitral Regurgitation in Heart Failure Patients Be Repaired? Boston, MA, May 2009.

Speaker, 89th Annual American Association for Thoracic Surgery Meeting. Where Does Atrial Fibrillation Surgery Fail?: Implications for Increasing AF Ablation Effectiveness. Boston, MA, May 2009.

Speaker, The 5th Annual Dartmouth Conference on Advances in Heart Failure: Heart Failure – From Prevention to Intervention. Valvular Heart Disease: Surgical Perspective of Aortic and Mitral Disease. Lebanon, New Hampshire, May 2009.

Discussant, The 5th Annual Dartmouth Conference on Advances in Heart Failure: Heart Failure – From Prevention to Intervention. Faculty Updates on Current Research Interests. Lebanon, New Hampshire, May 2009.

Speaker, The 5th Annual Dartmouth Conference on Advances in Heart Failure: Heart Failure – From Prevention to Intervention. Advanced Surgical Techniques: Choosing When and What To Do. Lebanon, New Hampshire, May 2009.

Speaker, 52nd Annual Meeting of Kansai Association for Thoracic Surgery. Surgery for IMR and TR. Tokyo, Japan, June 2009.

Speaker, 52nd Annual Meeting of Kansai Association for Thoracic Surgery. Complex Myxomatous MV Repair. Tokyo, Japan, June 2009

Speaker, 52nd Annual Meeting of Kansai Association for Thoracic Surgery. Should Functional Mitral Regurgitation in Heart Failure Patients be Repaired? Tokyo, Japan, June 2009.

Speaker, 52nd Annual Meeting of Kansai Association for Thoracic Surgery. Tricuspid Valve Surgery: New Information No Longer the Forgotten Valve. Tokyo, Japan, June 2009.

Speaker, Edwards Global Mitral & Tricuspid Valve Summit: A Multidisciplinary Practical Update for the Practicing Physician. Challenging Case Studies in Ischemic MR: Case 1: Annular Dilatation. Chicago, Illinois, June 2009.

Speaker, Edwards Global Mitral & Tricus-

pid Valve Summit: A Multidisciplinary Practical Update for the Practicing Physician. Challenging Case Studies in Ischemic MR: Case 2: Cord Sparing Mitral Valve Replacement. Chicago, Illinois, June 2009.

Speaker/Discussant, Edwards Global Mitral & Tricuspid Valve Summit: A Multidisciplinary Practical Update for the Practicing Physician. Surgical Intervention of Mitral Disease. Chicago, Illinois, June 2009.

Speaker, BCVI Summer Student Program. Overview of Cardiac Surgery. Chicago, Illinois, July 2009.

Speaker, Northwestern University Feinberg School of Medicine. CVD Fellowship Core Curriculum for Cardiology Grand Rounds. Cardiac Surgery 2009: What the Cardiology Fellows Need to Know. Chicago, Illinois, July 2009.

Speaker, St. James Hospital. CME Lecture. Cardiac Surgery in '09 and Beyond. Olympia Fields, Illinois, August 2009.

Publications

McCarthy PM, Malaisrie SC. Mitral valve repair and replacement, including associated atrial fibrillation and tricuspid regurgitation. In: Otto CM, Bonow RO, eds. Valvular heart disease: a companion to Braunwald's heart disease. 3rd ed. Philadelphia, PA: Saunders/Elsevier; August 2009: (In Press)

McCarthy PM. Partial mechanical cardiac support: Part of the solution or part of the problem? J Am Coll Cardiol 2009;54:87-88.

Awards, honors, presentations and publications

McCarthy, Patrick, MD

Publications cont.

Wierup P, Egeblad H, Nielsen SL, Schersten H, Kimblad PO, Bech-Hansen O, Roijer A, Nilsson F, McCarthy PM, Bouchard D, Jacobsen J, Paaske Johnsen S, Hvitfeldt Poulsen S, Mølgaard H. Moderate mitral regurgitation in patients undergoing CABG – the MoMIC trial. *Scand Cardiovasc J* 2009;43(1):50-6.

McCarthy, PM. When is your Surgeon Good Enough? When Do You Need a “Referent Surgeon?” *Current Cardiology Reports* 2009;11:107-113.

Navia JL, Doi K, Garcia M, Atik FA, Fukamachi K, Xu X, Kamohara K, Kopcak M, Gonzalez-Stawinski GV, McCarthy PM, Lytle B. Implantation technique and early echocardiographic performance of newly designed stentless mitral bioprostheses. *J Card Surg*, 2009 (In Press).

McGee, Edwin, Jr., MD

Awards and Honors

Recipient - The Clinical Leadership Award, Northwestern Memorial Hospital, June 2009

Presentations

Speaker: International Heart and Lung Transplantation 29th Annual Meeting and Scientific Sessions. “Management of Right Ventricular Failure Post Heart Transplant and Ventricular Assist Device: Device Options and Weaving”. Paris, France, April 2009.

Speaker. American Society for Artificial Internal Organs (ASAI) 55th Annual Conference. “Successful Management of Patients with Heparin Induced Thrombocytopenia Requiring Mechanical Assistance”. Dallas, TX, May 2009.

Speaker, Wake Forest North Carolina Baptist Medical Center: Grand Rounds. Winston-Salem, NC, June 2009.

Speaker, The Cardiology Fellowship Core Curriculum Lecture Series. Bluhm Cardiovascular Institute, Northwestern Memorial Hospital, Northwestern University. “Cardiac Surgery: HF and Transplant”. Chicago, IL, August 2009.

Publications

McGee EC Jr., MacIver R, McCarthy PM. Transplantation for chronic ischemic CAD. In: Barsness GW, Holmes DR, eds, *Coronary Artery Disease: New Approaches without Traditional Revascularization*. London: Springer-Verlag, November 2009: (In Press)

Miller, Joshua, MD

Publications

Submitted article to be published: “The Human ‘TREG MLR’: Immune Monitoring for FOXP3+ T Regulatory Cell Generation” in *Journal of Transplantation*, Manuscript ID TPA 2009-0577.R2

Morasch, Mark, MD

Publications

Early Results with Use of TAG Device for the Treatment of Thoracic Aortic Aneurysms: 30-day Results of the TAG 05-02 Post-Marketing Study. International Congress XXII on Endovascular Interventions, Phoenix, AZ, February 8-12, 2009.

Early Results with Use of TAG Device for the Treatment of Thoracic Aortic Aneurysms: 30-day Results of the TAG 05-02 Post-Marketing Study. 7th Annual WVI Symposium: New Horizons in Vascular & Endovascular Therapy, Galway, Ireland, May 21-22, 2009.

Midterm Results with the Use of Cryopreserved Human Allografts for Aortic Reconstruction in an Infected Field. 7th Annual WVI Symposium: New Horizons in Vascular & Endovascular Therapy, Galway, Ireland, May 21-22, 2009.

Prostar & ProGlide for Percutaneous Closure of Large Bore Femoral Sheath Access-Techniques, Tips & Tricks. 7th Annual WVI Symposium: New Horizons in Vascular & Endovascular Therapy, Galway, Ireland, May 21-22, 2009.

Heyer KS, Modi PK, Morasch MD, Matsumura JS, Kibbe MR, Pearce WJ, Resnick SA, Eskandari MK. Secondary infection of thoracic and abdominal aortic endografts. *J Vasc Intervent Rad* 2009;20:173-179.

Brown KE, Heyer K, Rodriguez H, Eskandari MK, Pearce WH, Morasch MD. Arterial reconstruction with cryopreserved human allografts in the setting of infection: A single-center experience with midterm follow-up. *J Vasc Surg* 2009;49:660-666.

Morasch MD. Technique for subclavian to carotid transposition, tips and tricks. *J Vasc Surg* 2009;49:251-4.

Morasch MD. EVAR for the treatment of ruptured AAA. *Perspectives in Vasc Surg and Endovasc Ther* 2009;21:9-11.

Vaziri K, Bhanot P, Prystowski J, Morasch M, Hungness ES and Nagle AP. Retrieval of Inferior Vena Cava Filters in High Risk Patients Undergoing Bariatric Surgery. *Surgical Endoscopy*, 2009 Jan 28.

Brown KE, Usman A, Kibbe MR, Morasch MD, Matsumura JS, Pearce WH, Amaranto DJ, Eskandari MK. Carotid stenting using tapered and nontapered stents: Associated neurological complications and restenosis rates. *Ann Vasc Surg* 2009;23:439-445.

Awards, honors, presentations and publications

Pearce, William, MD

Awards and Honors

Elected Chair, American Vascular Association

Martin Luther King, Jr., Humanitarian Award, sponsored by NMH Human Resources, January 14, 2009.

Presentations

How To Be an Effective Mentor. Academic Advancement Symposium, Northwestern University, Chicago, IL, January 10, 2009.

American Vascular Association. William J. von Liebig Dinner, Washington, DC, April 28, 2009.

Publications

Pearce WH, Tang G. Open Abdominal Aortic Aneurysm. In Safi H, McPherson D, eds., *Frontiers in Aortic Disease: The Houston Aortic Symposium*, Greenwood Academic, Evanston, IL, 2009.

Rodriguez HE, Pearce WH. The Management of Venous Malformations. In Gloviczki P, Dalsing MC, Eklof BG, Moneta GL, Wakefield TW, eds. *Handbook of Venous Disorders*, 3rd ed, Edward Arnold (Publishers) Ltd, London, UK, 2009.

Rodriguez HE, Pearce WH. The Management of Venous Aneurysms. In Gloviczki P, Dalsing MC, Eklof BG, Moneta GL, Wakefield TW, eds. *Handbook of Venous Disorders*, 3rd ed, Edward Arnold (Publishers) Ltd, London, UK, 2009.

Pugh, Carla, MD, PhD

Awards and Honors

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

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

2009 Visiting Professorship in Surgery, Southern Illinois University, March 27, 2009

2009 Visiting Professorship in Medical Education, Meharry Medical School, April 9, 2009

2009 Featured in a Channel 7 ABC News Segment – CPS Job Fair Mentor

2009 Featured in a Channel 11 WTTW Television Segment on the Chicago Tonight Show

2009 Elected to the Nominating Committee - Association for Academic Surgery

2009 National Institutes of Health Study Section Reviewer – ZRG1 HDM-P (58)

Presentations

Pugh CM, Watson A, Bell RH Jr, Brasel KJ, Jackson GP, Weber SM, Kao LS. Surgical Education in the Internet Era. *J Surg Res*. 2009 Apr 21

Pugh CM, Obadina ET, Aidoo KA. Fear of causing harm: use of mannequin-based simulation to decrease student anxiety prior to interacting with female teaching associates. *Teach Learn Med*. 2009 Apr-Jun;21(2):116-20.

Publications:

Balkissoon, R, Blossfield-Iannitelli, KM, Salud, LH, Ford, DH, Pugh, C Lost in Translation: Unfolding Medical Students' Misconceptions of How to Perform the Clinical Digital Rectal Examination. *American Journal of Surgery*. 197 (4):525-32, April 2009

Kotranza, A, Lok, B, Deladisma, A., Pugh, CM, and Lind DS. "Mixed Reality Humans: Evaluating Behavior, Usability, and Acceptability," *IEEE Transactions on Visualization and Computer Graphics*. 15(3):369-82, May – Jun 2009

Pugh, CM, and Aidoo, KA. Fear of Causing Harm: Use of Mannequin-Based Simulation to Decrease Student Anxiety Prior to Interacting with Female Teaching Associates. *Teaching and Learning in Medicine*. 2009 Apr-Jun;21(2):116-20.

Rodriguez, Heron, MD

Publications

Vascular Surgery: A Career of Innovation. La Raza Medical Student Association Regional Meeting. University of Illinois at Chicago College of Medicine. Oak Brook, IL, January 22, 2009.

Vascular Disease in the Hispanic population. Poder Learning Center. Chicago IL, April 1, 2009.

The Need for Hispanic Vascular Surgeons in the US. Leadership Development Conference. Center for Hispanic Excellence. University of Illinois at Chicago College of Medicine. Oak Brook IL, Saturday April 25, 2009.

Management of Carotid Disease- A Surgeon's Perspective. 4th Annual Society for Interventional Radiology Fellow Spring Practicum. Evanston, IL, Thursday May 14th, 2009.

AAA Repair- A Surgeon's Perspective. 4th Annual Society for Interventional Radiology Fellow Spring Practicum. Evanston, IL, Thursday May 14th, 2009.

A Day in a Vascular Surgeon's Life. National Student Leadership Conference, Chicago, IL, June 29, 2009.

Rodriguez HE, Pearce WH. The Management of Venous Malformations. In Gloviczki P, Dalsing MC, Eklof BG, Moneta GL, Wakefield TW, eds. *Handbook of Venous Disorders*, 3rd ed, Edward Arnold (Publishers) Ltd, London, UK, 2009.

Awards, honors, presentations and publications

Rodriguez, Heron, MD

Publications cont.

Rodriguez HE, Pearce WH. The Management of Venous Aneurysms. In Gloviczki P, Dalsing MC, Eklof BG, Moneta GL, Wakefield TW, eds. Handbook of Venous Disorders, 3rd ed, Edward Arnold (Publishers) Ltd, London, UK, 2009.

Roitberg-Tambur, Anat, PhD

Publications

Wadia PP, Herrera ND, Abecassis MM, Tambur AR. Mycophenolic acid inhibits maturation and function of human dendritic cells and B cells. *Human Immunology* - 2009 May 13. [Epub ahead of print]

Barabanova Y, Ramon DS, Tambur AR. Antibodies against HLA-DQ alpha chain and their role in organ transplantation. *Human Immunology*. 2009 Jun;70(6):410-412.

Tambur AR, Ramon DS, Kaufman DB, Friedewald J, Luo X, Ho B, Skaro A, Caicedo J, Ladner D, Baker T, Fryer J, Gallon L, Miller J, Abecassis MM, Leventhal J. Perception vs. reality? Virtual crossmatch - how to overcome some of the technical and logistic limitations. *AJT* - in press. 2009 Jun 26. [Epub ahead of print]

Levitsky J, Miller J, Leventhal J, Huang X, Flaa C, Wang E, Tambur A, Burt RK, Gallon L, Mathew J. The human "Treg MLR" Immune monitoring for FOXP3+ T regulatory cell generation. *Transplantation In Press*.

Schneider, Joe, MD, PhD

Publications

Schneider JR, Oskin SI, Verta MJ Jr. Superficial femoral vein graft interposition

in-situ repair for femoral mycotic aneurysm. *Annals of Vascular Surgery* 2009;23:147-149.

McDermott MM, Ades P, Guralni JM, Dyer A, Ferrucci L, Liu K, Nelson M, Lloyd-Jones D, Van Horn L, Garside D, Kibbe M, Domanchuk K, Stein JH, Liao Y, Tao H, Green D, Pearce WH, Schneider JR, McPherson D, Laing ST, McCarthy WJ, Shroff A, Criqui MH. Treadmill exercise and resistance training in patients with peripheral arterial disease with and without intermittent claudication: a randomized controlled trial. *JAMA* 2009;301:165-174.

Shapiro, Michael, MD

Promotion

Dr. Shapiro was promoted to Professor of Surgery, effective September 2009.

Soper, Nathaniel, MD

Awards and Honors

2009 Central Surgical Association, Secretary of the Association

Presentations

Invited Educator: Covidien/SAGES Advanced Hernia Course, "To Mesh or Not to Mesh", Norwalk, Connecticut, March 26, 2009

Invited Chair and Educator: SAGES "FLS Hands-On Course: Train the Trainers/Proctors", Phoenix, Arizona, April 22, 2009

Invited Speaker: SAGES Lap Chole PG Course: "Medical-Legal Implications of Biliary Injury", Phoenix, Arizona, April 22, 2009

Invited Speaker: SAGES Symposium - "NOTES / Endolumenal: Is Transgastric Access Safe?", Phoenix, Arizona, April 23,

2009

Invited Speaker: SAGES "Speaker for the Great Presidential Debates: Time to Hop Tracks in Surgical Training (4 and 2 vs. 5 years) - Pro", Phoenix, Arizona, April 23, 2009

Invited Co-Moderator: SAGES "SS07: Esophageal/Gastric Session", Phoenix, Arizona, April 24, 2009

Invited Speaker: SSAT/ISDS Joint Symposium: Prevention, Evaluation and Treatment of Leaks After Gastrointestinal Surgery, "Prevention", Chicago, Illinois, June 3, 2009

Invited Co-Moderator: SSAT Video Session IV: "NOTES-single Port Access Surgery", Chicago, Illinois, June 3, 2009

Invited Speaker: SSAT/ISDS Joint Lunch Symposium: The Endoscope as a Surgical Tool, "Pancreatobiliary: NOTES Cholecystectomy", Chicago, Illinois, June 3, 2009

Invited Lecturer: 77th E. Starr Judd Lecturer: "Minimally Invasive GI Surgery: Past, Present and (?) Future", Minneapolis, MN, June 10, 2009

Invited Speaker: Advances in Gastrointestinal and GI Laparoscopic Surgery: "Laparoscopic Heller Myotomy", Minneapolis, MN, June 10, 2009

Invited Faculty/Educator: International Conference on Natural Orifice Transluminal Endoscopic Surgery (NOSCAR Conference): Working Group on Reimbursement Considerations, Boston, MA, July 10, 2009

Invited Faculty/Educator: International Conference on Natural Orifice Transluminal Endoscopic Surgery (NOSCAR Conference): NOTES Working Groups, Boston, MA, July 11, 2009

Awards, honors, presentations and publications

Soper, Nathaniel, MD

Presentations cont.

Invited Lecturer: XXVIII Brazilian Congress of Surgery: Laparoscopic Ultrasound for the General Surgeon, Sao Paulo, Brazil, July 27, 2009

Invited Lecturer: XXVIII Brazilian Congress of Surgery: Paraesophageal hernia: How I do it, Sao Paulo, Brazil, July 28, 2009

Invited Lecturer: XXVIII Brazilian Congress of Surgery: Prevention of bile duct injury during laparoscopic cholecystectomy, Sao Paulo, Brazil, July 29, 2009

Invited Lecturer: XXVIII Brazilian Congress of Surgery: GERD: medication, endoscopy or surgery?, Sao Paulo, Brazil, July 29, 2009

Publications

Auyang ED, Hungness ES, Vaziri K, Martin JA, Soper NJ. (2009) Human Notes

Cholecystectomy: Transgastric Hybrid Technique. *J Gastrointest Surg* (In Press)

Auyang ED, Hungness ES, Vaziri K, Martin JA, Soper NJ. (2009) Natural Orifice Translumenal Endoscopic Surgery (NOTES): Dissection of the critical view of safety during transcolonic cholecystectomy. *Surg Endosc*: Volume 23, Issue 5, Page 1117

Machi J, Johnson JO, Deziel DJ, Soper NJ, Berber E, Siperstein A, Hata M, Patel A, Singh K, Arregui ME (2009) The routine use of laparoscopic ultrasound decreases bile duct injury: a multi-center study. *Surg Endosc*, 23:384-388

Volckmann ET, Hungness ES, Soper NJ, Swanstrom LL (2009) Surgeon Perceptions of Natural Orifice Translumenal Endoscopic Surgery (NOTES). *J Gastrointest Surg* (published online June 2, 2009)

Swanstrom LL, Volckmann ET, Hungness ES, Soper NJ (2009) Patient attitudes and expectations regarding natural orifice translumenal endoscopic surgery. *Surg Endosc*: Volume 23, Issue 7:1519-1525

Soper NJ, Swanstrom LS, Eubanks WS, eds. (2009). *Mastery of Endoscopic and Laparoscopic Surgery*, 3rd ed. Philadelphia, PA: Lippincott Williams and Wilkins

Stryker, Steven, MD

Publications

Konski A, Li T, Sigurdson E, Cohen SJ, Small W Jr, Spies S, Yu JQ, Wahl A, Stryker S, Meropol NJ. Use of Molecular Imaging to Predict Clinical Outcome in Patients With Rectal Cancer after Preoperative Chemotherapy and Radiation. *Int J Radiat Oncol Biol Phys*. 2009 May 1;74(1):55-9.

Hogg ME, Popowich DA, Wang EC, Kiel, KD, Stryker SJ, Halvorson AL. HIV and Anal Cancer Outcomes: A Single Institution's Experience. *Dis Colon Rectum* 2009

Sturgeon, Cord, MD

Presentations

Influence of Lymph Node Metastases on Survival in Pediatric Medullary Thyroid Cancer Oral presentation at World Congress on Thyroid Cancer August 2009. Toronto, Canada.

Improving the diagnosis and outcomes of thyroid cancer Northwestern Surgical Grand Rounds

24 March 2009

Speaker, Phoenix Surgical Symposium The comprehensive evaluation of thyroid nodules 11 February 2009

Speaker, Phoenix Surgical Symposium Modified radical neck dissection for metastatic papillary thyroid cancer 11 February 2009

Speaker, Phoenix Surgical Symposium Primary hyperparathyroidism: Update from the 2008 consensus meeting. 12 February 2009

Speaker, Phoenix Surgical Symposium Safe thyroid surgery: The avoidance of nerve injury and hypoparathyroidism 12 February 2009

Speaker, Phoenix Surgical Symposium Total thyroidectomy for hyperthyroidism 13 February 2009

Speaker, Saints Elizabeth and Mary Medical Center The comprehensive evaluation of thyroid nodules Chicago, IL 30 June 2009

Speaker, Jackson Park Hospital The comprehensive evaluation of thyroid nodules Chicago, IL 18 August 2009

Publications

Metastatic struma ovarii treated with total thyroidectomy and radioiodine ablation. *McGill JF, Sturgeon C, Angelos P. Endocr Pract*. 2009 Mar-Apr;15(2):167-73.

Surgery for asymptomatic primary hyperparathyroidism: proceedings of the third international workshop. Udelsman R, Pasieka JL, Sturgeon C, Young JE, Clark OH. *J Clin Endocrinol Metab*. 2009 Feb;94(2):366-72.

Awards, honors, presentations and publications

Superina, Riccardo, MD

Awards and Honors

Invited Professor in Pediatric Surgery, L'viv Regional Hospital, L'viv Ukraine, June 2009.

Presentations:

Organ Replacement for Intestinal Failure. Northwestern University Affiliated Transplant Centers, Chicago, Illinois, April 2009.

Caicedo J, Daud A, Gil J, Rocca J, Skaro A, Ladner D, Wang E, Superina RA: Pediatric Liver Transplantation in Hispanics – Predictive Factors and Long Term Outcomes. American Transplant Congress Annual Meeting, Boston, MA, May 2009.

Publications:

Abramson LP, Superina R, Radhakrishnan J: Choledochal cysts. In: Arensman R, Bambini D, Almond PS, Adolph V, Radhakrishnan J, eds. Pediatric Surgery, 2nd ed. Austin, Tx: Landes Bioscience; 2009:306-310.

Tantemsapya N, Chin A, Melin-Aldana H, Superina RA. Intrapancreatic duodenal duplication cyst as a cause of chronic pancreatitis in a child. Eur J Pediatric Surg. June 15, 2009.

Vanecko, Robert, MD

Awards and Honors

Received the 2009 Institute of Medicine of Chicago's lifetime achievement award.

Executive Director of the American College of Surgeons.

Appointed to the education committee of the Federation of State Medical Boards.

Director of the coalition of quality and

patient safety of Chicagoland (a federally certified PSO by the US Department of Health).

Member of the Health Advisory Committee to the 2040 Regional Planning Process of the Chicago Community Trust.

Wayne, Jeff, MD

Promotion

Dr. Wayne was promoted to Associate Professor of Surgery, effective September 2009.

Presentations

Melstrom LG, Phillips J, Bentrem DJ and Wayne JD. Laparoscopic versus open resection of gastrointestinal stromal tumors (GISTS). Accepted for Oral Presentation/ Poster of Distinction, 2009 SAGES Scientific Session. April 23, 2009, Phoenix, AZ.

Publications

Bilimoria KY, Balch CM, Wayne JD, Chang DC, Palis BE, Dy SM, and Lange JR. Healthcare system and socioeconomic factors associated with variance in the use of sentinel lymph node biopsy for melanoma in the United States. Journal of Clinical Oncology 2009; 27(11): 1857-63.

Bilimoria KY, Kmiecik TE, DaRosa DA, Halverson AL, Eskandari M, Bell RH, Soper NJ and Wayne JD. A Web-Based System to Assess Adverse Events, Near-Misses, and Patterns of Complications: The Northwestern Online Surgical Quality Improvement (NOSQI) System. Archives of Surgery 2009; 144(4): 305-11.

Buck DW 2nd, Heyer K, Wayne JD, Yeldandi A and Kim JYS. Diagnostic dilemma: acellular dermis mimicking a breast mass after immediate tissue expander breast reconstruction. Plastic and Reconstructive Surgery 2009; 124(1): 174e-6e.

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).



“Safer Surgery Today, Better Surgery Tomorrow”

Upcoming Events, 2009

Grand Rounds

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

- **September 10:** Cutting the Gordian Knot of Complexity with Dynamic Hypothesis Instantiation, by Gary An, MD
- **September 17:** Mechanical Assistance, Heart Transplantation 2009, Edwin McGee, MD
- **September 24:** Minimally Invasive GI Surgery: Past, Present, Future, Nathaniel J. Soper, MD
- **October 8:** Healthcare Payment Reform: Surgeons Should Lead the Way, Donald Fry, MD
- **October 22:** Bariatric Surgery Update, Eric Hungness, MD
- **October 29:** Education Grand Rounds, Gary Dunnington, MD, Southern Illinois University
- **November 12:** TBA, Cornwell, Edward, MD
- **November 19:** Advances in Islet Transplantation for Treatment of Diabetes, the Northwestern Experience, Dixon Kaufman, MD, PhD
- **December 10:** Tolerance to organ transplants as we currently know it at Northwestern, Joshua Miller, MD
- **December 17:** Method Lecture, Truth and Truthiness in Surgery, Jeffrey Matthews, MD, University of Chicago



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.

Time Period Covered	Articles Due	Publication
9/1—2/28	2nd Friday of January	March Publication
3/1—8/31	2nd Friday of July	September Publication

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