



The Penn Surgery Society News is published quarterly for its members, colleagues and friends of the Department of Surgery. For submissions, inquiries or comments, please contact clyde.barker@uphs.upenn.edu.

Penn Trauma Center Moves to Presbyterian Campus

Contributed by Pat Reilly

After more than 25 years and caring for over 50,000 patients at the Hospital of the University of Pennsylvania, the Level 1 Regional Resource Trauma Center of Penn Medicine relocated to the Penn Presbyterian campus on February 4th, 2015. The new Pavilion for Advanced Care (PAC) at Penn Presbyterian was constructed to accommodate this move. This was part of a larger plan of Penn Medicine to increase capacity for injured patients as well as for critically ill and other patients. The PAC, at 38th and Powelton, was designed and built around the flow of the critical trauma patient. Pat Kim MD FACS, the trauma program medical director and John Gallagher MSN CCNS CCRN, the trauma program manager



New Quarters for Trauma Center: Pavilion for Advanced Care at Penn Presbyterian Campus

provided input for the building's design with C. William Schwab MD FACS, founding chief of the Division and HUP's trauma center, serving as the senior consultant on the project.

The result, the five story Pavilion for Advanced Care, is truly high tech and state of the art. The first floor provides significant increased capacity for the renovated Emergency Department and houses the John Paul Pryor Shock Trauma and Resuscitation Unit. This unit is named for our former trauma director who was killed on Christmas Day, 2008 while on active

duty in Iraq. The JPP STAR unit has five large trauma bays with easy access to two ultra-high speed CT scanners that are imbedded in the resuscitation area. Extra wide elevators connect the STAR unit to the upper floors. The second floor contains an expanded perioperative space with post-anesthesia care units and a patient receiving area. There is easy access to the trauma operating rooms directly from the elevator corridor. The third, fourth and fifth floors all consist of expanded critical care space. The third floor is the Cardiovascular ICU where both cardiology and cardiac surgery patients are cared for. The 4th floor is the Trauma Surgical ICU where injured and other critically ill patients are managed under the leadership of Niels Martin MD and Jack Gutsche MD, the Co-Medical Directors of the Trauma SICU. In the summer of 2015, the 5th floor will open with a new Neuro Intensive Care

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From the Editor

Clyde F. Barker, M.D.

The move of the trauma program to the spectacular Advanced Care Pavilion at the Penn Presbyterian campus appears to be the culmination (or at least the most recent stage) of Bill Schwab's dream. I first learned of his visionary plan for Penn Trauma 27 years ago when I interviewed him as a candidate to head this new division. Prior to that there was no Trauma Service and very little trauma activity at HUP. In fact, the hospital administration and the faculty surgeons (including myself) were well satisfied to see trauma patients go elsewhere, since accommodating them at HUP was anticipated to be costly. In the mid-1980s several other local hospitals boasted that they had been designated Level One Trauma Centers, accredited by the American College of Surgeons and the State. It then became a point of pride for Dean Stemmler that HUP have one. I was reluctant because of the predictable expense. Ultimately, I agreed with establishing a trauma program but only if the institution rather than the Department of Surgery would pay for it.

Setting up such a center proved to be more difficult than I had thought. I assumed that Penn's academic prestige was such that the verification process for designation as a level one center would be a rubber stamp. Such was not the case. There were a certain number of requirements: 24 hour in-house coverage by fully trained surgeons, a minimum number of bona fide trauma cases, meaningful participation by a number of other departments, a dozen interdisciplinary committees, etc., etc., and most importantly a seriously committed director of the program. We had none of the above. But having agreed to do it we scurried around to see what we could accomplish. A group of faculty surgeons (including me) **2** traveled to Washington to take a course in ATLS

(Advanced Trauma Life Support), one of the many other requirements. I think I passed only because I knew the teacher of the course, Charles Hufnagel, a retired surgeon. Hufnagel had performed the first kidney allograft (placing it in the arm) and invented the first artificial heart valve.

At HUP we had only one thing going for us. One of our cardiac surgeons, Larry Stephenson, was a reserve Army officer, a colonel said to be approaching promotion to general. I figured his experience and credentials should be enough so I appointed him director of the program. Larry worked hard and put together a detailed application that I thought would work. Despite my optimism, the site visitors sent to evaluate us deemed us woefully unprepared. We were turned down.

It was obvious that we needed as program director, a fully dedicated expert – a pro. Over the next few months, I considered a half dozen candidates and interviewed several. None seemed to measure up to our standards. I was about to give up when Larry Stephenson (God bless him) suggested the young Bill Schwab. Although he was from neither Harvard or Hopkins, he had already directed trauma services at two other university centers. Within half an hour of my meeting with Bill, he had shown me where the trauma bays would be, where the helicopter's pad would be constructed and even what its name would be (PennStar). I was blown away. The rest is history.

Over the last 27 years Bill Schwab and his colleagues have developed what I and many others

believe is the finest trauma center in the U.S. or perhaps the world. One of their accomplishments was to pioneer and establish "damage control", a paradigm that has transformed the care of injured and other critically ill patients. Dr. Schwab himself has been elected to the most prestigious academic surgical societies and to the presidencies of the most important U.S. and international trauma societies. He has been awarded honorary degrees, fellowships in foreign colleges and honorary lectureships all over the world. Most importantly he and his colleagues have trained 100 fellows in trauma surgery. Many of them have become leaders of their own trauma programs in this and other countries.



**New Out-Patient Facility
Penn Medicine University City**

Trauma Center Moves to Presbyterian *(continued from front page)*

Unit specializing in both neuro-trauma and conventional neuro-critical care patients. These three ICUs will dramatically increase the critical care capacity across Penn Medicine. They are a resource that was sorely needed. Finally, a new heavy-duty helipad was built to handle the increasingly larger helicopters used by regional flight programs. The helipad supports the trauma program as well as inter-hospital transport of patients who can then be taken directly to the ICUs or operating rooms. The existing PPMC helipad remains as well. Other renovations, such as new interventional radiology suites on the fourth floor with easy access from the Trauma SICU, have additionally transformed the Presbyterian Campus.

While the building is truly spectacular, it is the Trauma Team's remarkable professionals who make the real difference for our patients. Transition to the new campus of faculty surgeons, trainees, anesthesiologists, physicians, advanced practice providers, nurses, respiratory therapists and radiology technicians (among others) was a remarkable feat.



The Shock Trauma and Resuscitation Unit with five large bays.

In addition the Department of Orthopedic Surgery has largely relocated from the HUP campus. Their offices are in the new Penn Medicine at University City at 38th and Market Street (see photo on page 2). This building also houses offices *(continued on page 4)*



Trauma Center Moves to Presbyterian (continued from page 3)

and out-patient clinic space for Trauma, Rheumatology and other musculoskeletal programs. The Department of Neurosurgery and the Neuro Critical Care faculty have added a new vital resource for all aspects of neurologic care.

The Penn Trauma faculty now split their time between two campuses, with Surgical Critical Care and Emergency Surgery still functioning at HUP. In total, more than 320 positions were added to the Penn Presbyterian Medical Center, many transferring from the HUP campus in a “journey” expertly handled by the Human Resources, Facilities and Operations, Finance and Executive staffs of Penn Medicine.

In the first ten days the busy pace of the Trauma Center continued at PPMC. There were 70 major resuscitations. Dozens of critically injured patients arrived and a cadre of “NOW” cases were flawlessly transferred to the operating rooms. The hard work by all has realized early dividends with efficiencies in patient flow, ease of access to critical resources, all delivered in beautiful, open and sunlit units. Both patients and families are very appreciative of these surroundings. We are tremendously proud of the results that have already improved our delivery of care to the injured. We invite all Penn Surgery Alumni to tour the facility virtually through our website at www.penntrauma.org or in person when in Philadelphia. As you all know, the trauma team is always HERE!



Pat Kim, MD, FACS,
Trauma Program Director



New heavy-duty helipad to accommodate larger helicopters.

Carrie Sims Receives the Joan L. and Julius H. Jacobson Promising Young Investigator Award

Carrie is the 2014 recipient of the prestigious Julius Jacobson/American College of Surgeons *Promising Young Investigator Award*. Carrie believes this grant (given yearly to a single recipient) will be especially valuable since it provides funding for high risk projects. She intends to use it for her investigation of the role of platelet dysfunction in the development of trauma induced vasculopathy.



Carrie Sims

To date Carrie’s research has been focused on development of novel resuscitative strategies that target mitochondrial dysfunction in the development of trauma induced coagulopathy. These studies have been supported by a continu-

ous series of grants including ones from the National Trauma Institute, the American Association for the Surgery of Trauma, the Clowes/ACS Clinical Scientist Development Award and a NIH Ko8.

After completing her general surgery training at the Massachusetts General Hospital in 2003, Carrie came to HUP for a Fellowship in Traumatology and Surgical Critical Care. Since 2004 she has been on the Penn Faculty and is now Associate Professor of Surgery, Attending Surgeon at HUP and Research Director of the Division of Traumatology, Surgical Critical Care and Emergency Surgery.

Carrie has published 69 peer reviewed papers and has given 42 invited lectures in all parts of the U.S. In 2016 she is scheduled to complete her work for a PhD in the Graduate Group of Biochemistry and Molecular Biophysics.

Carrie is one of the Department’s young academic stars.

Jon Morris Installed as Ernest F. Rosato - William Maul Measey Professor in Surgical Education

At a reception in the Biomedical Research Building on February 11, 2015, Dean Jameson made the official announcement that Jon Morris has been named the first Ernest F. Rosato-William Maul Measey Professor of Surgical Education. Pictured are a few of the hundred or more of Ernie and Jon's families, friends and colleagues who attended.



Dr. Morris Addressing his wife and other Well Wishers



Jeff Drebin, Rachel Kelz, Larry Kaiser, Jon Morris, Jim Mullen, Clark Hargrove



Dean, Larry Jameson, Awarding the Honorary Tie



Arjun Jeganathan, Lea Lowenfeld, Jon Morris, Noel Williams, Jashodeep Datta, Elizabeth Sonnenberg, Jennifer Fieber, and Charles Vasquez

Catching Up With . . . *Dan Kreisel*

Contributed by Jon Morris

Daniel Kreisel is a 1995 graduate of the Mount Sinai School of Medicine with Alpha Omega Alpha honors, after which he matriculated to PENN to begin internship that same year. Before graduating from the PENN General Surgical Residency in 2003, Dan would obtain a PhD in Immunology. In recognition of his scientific achievements, Dan was awarded the Jonathan E. Rhoads Research Award in 2002. Following his Chief Residency, Dan took a fellowship in Cardiothoracic Surgery at the Washington University from 2003 to 2005 and a subsequent Fellowship in Thoracic



Dan in 2003

Oncology at Memorial Sloan Kettering Cancer Center (2005 - 2006), after which he would return to Washington University as the Lung Transplantation Fellow. Upon completion of his fellowship training, Dan was recruited to Washington University as Assistant Professor of Surgery in 2006, quickly rising through the academic ranks to Associate Professor with Tenure (2010) and recently as Professor of Surgery with tenure in the Division of Cardiothoracic Surgery and Professor of Pathology and Immunology at the Washington University School of Medicine (2014 - present).

A Conversation with Dan

JoMo: What were the highlights of your training at Penn?

Dan: *The unique aspect about training at Penn was an environment that combined excellent clinical training with a strong focus on basic research. This framework allowed for the development of many future leaders in academic surgery.*

JoMo: Which faculty influenced you the most and why?

Dan: *Barker & Naji: Set an example that surgeons can make important contributions to basic science research.*

Kaiser: Influenced me and many other Penn residents to pursue careers in academic thoracic surgery.

Rosato: Provided an unparalleled operative experience for senior and chief residents that allowed several generations of Penn surgery residents to mature as surgeons.

JoMo: When you were a junior resident, which Chief Residents had the greatest impact on you and why?

Dan: *Rob Gorman, Roy Smythe, Jim Markmann, Joe Gorman, Ron Dematteo, Omaid Velazquez: All of them great role models as superb technical surgeons and scientists.*

JoMo: When you were a Chief Resident, which junior residents impressed you the most and why?

Dan: *Brad Leshnowar, Pavan Atluri, Paige Porrett, Giorgos Karakousis. Hardworking, enthusiastic residents with interest in academic careers.*

JoMo: Tell us what your greatest professional accomplishments have been since graduating Penn.

Dan: *Election to membership in The American Society for Clinical Investigation.*

JoMo: What do you miss most about Philadelphia?

Dan: *Direct flights to Europe.*

JoMo: Who from your Penn Surgery days do you stay in touch with?

Dan: *Sasha Krupnick, who is also a thoracic surgeon on faculty at Washington University in St. Louis. In conjunction with Sasha Krupnick and Andy Gelman (Penn PhD in Immunology) I run a research laboratory at Washington University that focuses on transplant and tumor immunology. I frequently see many former faculty members and fellow residents at various surgical meetings.*

JoMo: Tell us about your current surgical practice, types of cases you are doing, etc.

(continued on next page)

Catching Up With . . . *Dan Kreisel* (continued from page 6)

Dan: *General thoracic surgery including lung transplantation, thoracic oncology and benign foregut surgery. My primary academic interest is lung transplantation.*

JoMo: **What are your current interests and hobbies outside of medicine?**

Dan: *Reading, spending time with my family.*

JoMo: **Tell us about your family.**

Dan: *My wife, Friederike, who trained at Penn for Pathology, is a hematopathologist at Washington University. We have two daughters, Sarah (11) and Stella (9). Sarah is in 5th grade, likes playing soccer and plays the violin. Stella is in 4th grade, likes playing tennis and plays the piano.*

JoMo: **What is the last book you read that you would recommend and why?**

Dan: *“Brave Genius” by Sean Carroll. This book tells the story of Albert Camus and Jacques Monod, who both fought in the French resistance during the time of Nazi occupation and became friends after the second world war. Camus was awarded the Nobel Prize for Literature in 1957 and Monod was awarded the Nobel Prize in Physiology or Medicine in 1965. It is a nice book covering history, philosophy and science.*



Stella, Friederike, Sarah and Dan

Catching Up With . . . *Heung Bae Kim*

Contributed by Jon Morris

Heung Bae Kim received his BA (Cum Laude) in Molecular Biophysics and Biochemistry from Yale University in 1989 and is a graduate of the Albert Einstein College of Medicine in 1993. HB matriculated to the PENN General Surgical Residency in 1993 during which he spent two years as a Research Fellow (1996 – 1998) in the laboratory of Alan Flake at the CHOP. During his residency HB would receive the PENN Pearls Teaching Award and the Keith



Heung Bae in 2000

Reemstma Surgical Resident of the Year Award. Following Chief Residency in 2000, HB took his pediatric surgical residency at the Children’s Hospital in Boston (2000 – 2002) followed by a liver transplantation fellowship at the Lahey Clinic (2002 – 2004). HB was recruited to the Harvard Medical School in 2002 and is currently an Associate Professor of Surgery and the Director of the Pediatric Transplant Center at the Children’s Hospital of Boston.

A Conversation with Heung Bae

JoMo: **What were the highlights of your training at Penn?**

HB: *Spending my first night on call in the ICU taking care of a bleeding trauma patient and not having a clue! Luckily the nurses knew what to do and I just wrote the orders!*

JoMo: **Which faculty influenced you the most and why?**

HB: *Gordon Buzby - knew what was really important in life. Ernie Rosato - taught me how to get out of trouble in the OR. We still invoke his name often here at Boston Children's Hospital whenever I am*

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Catching Up With . . . *Heung Bae Kim* (continued from page 7)

operating with Steve Fishman or Tom Hamilton. Jeff Carpenter - showed me the value of quick and efficient surgery.

JoMo: When you were a junior resident, which Chief Residents had the greatest impact on you and why?

HB: Ron Dematteo - Helped me navigate my first grants in the lab.

Don Liu - Pediatric surgery mentor - first introduced me to Dr. O'Neill at CHOP

Mike Nance - Pediatric surgery mentor - has supported me throughout my career.

JoMo: When you were a Chief Resident, which junior residents impressed you the most and why?

HB: Heidi Yeh and Rachel Rappaport (Kelz) were just great junior residents.

JoMo: Tell us what your greatest professional accomplishments have been since graduating Penn.

HB: *I developed a novel intestinal lengthening procedure for patients with short bowel syndrome called the Serial Transverse Enteroplasty (STEP) which is now the favored procedure worldwide. I also started the first successful intestinal transplant program in New England and performed the first partial esophagus transplant as part of a multivisceral transplant. Most recently I developed a new aortic lengthening procedure called the Tissue Expander Stimulated Lengthening of Arteries (TESLA) which is being used to treat children with midaortic syndrome and renal artery stenosis.*

JoMo: What do you miss most about Philadelphia?

HB: *The food trucks outside Penn at midnight!*

JoMo: Who from your Penn Surgery days do you stay in touch with?

HB: *Tom Hamilton, Heidi Yeh, Jim Markmann, Bo Lovvorn, Ken Leichty, Ross Milner, Mike Nance.*

JoMo: Tell us about your current surgical practice, types of cases you are doing, etc.

HB: *I am primarily doing pediatric liver, kidney, intestine transplants as well as pediatric hepatobil-*

iary and vascular surgery including liver tumors, biliary atresia, and complex surgical vascular disease such as renal artery stenosis and midaortic syndrome.

JoMo: What are your current interests and hobbies outside of medicine?

HB: *Golf, squash, sailing.*

JoMo: Tell us about your family.

HB: *My wife (Eumene Ching) who trained at CHOP is a pediatrician with Harvard Vanguard. My son Spencer is 16 and a junior in high school at Belmont Hill School getting ready to do the college application thing! He just got his driver's license so you might want to steer clear of Boston for a few months! My daughter Sydney is 14 and just started freshman year of high school at the Commonwealth School in Boston. They were both born during my residency at Penn.*

JoMo: What is the last book you read that you would recommend and why?

HB: *Thinking Fast Thinking Slow - good reading for a long plane ride to a meeting.*

JoMo: Tell us anything that would be of interest to the Penn Surgery Society alumni.

HB: *Penn is well represented here in Boston with Jim Markmann Chief of Transplant at MGH and me Director of the Transplant Center at Boston Children's. We also have three Penn faculty here at Boston Children's (Steve Fishman and Tom Hamilton) all of whom married CHOP peds residents! We always look forward to meeting the Penn residents as they come through for peds surg interviews.*



HB, Eumene, Sydney and Spencer

Penn Surgery Society at the 10th Annual Academic Surgical Congress February 3-5, Las Vegas, Nevada

Contributed by Rachel Kelz

A spectacular level of participation from Penn Surgery, was witnessed at the 10th Annual Academic Surgical Congress (ASC). For the third year in a row, we ranked as one of the top programs to showcase its work at this combined meeting of the Association of Academic Surgery and the Society of University Surgeons. Students residents and alumni of our flagship training programs were on the podium describing scientific discoveries, moderating abstract sessions, "hot topic" luncheons and most importantly updating studies sponsored by the prestigious awards of the SUS and AAS.

The Penn contributions began long before the meeting opened and will continue long after it closed. Our own Dr. Steve Allen and Dr. Julia Tchou served on the Program Committee, which is largely responsible for the huge success of this premier meeting for academic surgeons. Dr. Daniel Holena serves on the Publication Committee and will spend hours of time pouring over the hundreds of manuscripts generated by presentations at the meeting and submitted to the Journal of Surgical Research and Surgery. Dr. Robert Canter



Dr. Fraker hosted a dinner for HUP residents

(HUP Chief Resident 2005) and Dr. Rachel Kelz co-lead the AAS's Issues Committee. This places them on the Executive Council of this Society whose mission is the development of young academic surgeons.

As the current AAS Research Fellowship awardee, Dr. Jashodeep Datta gave an invited

talk at the AAS/SUS Awards ceremony. The talk was entitled, "Development of a Novel Immunotherapeutic Approach to Mutated BRAF in Melanoma." Dr. Datta is spending two years working in the laboratory of Dr. Brian Czerniecki. Dr. Julia Tchou, Dr. Steve Allen, Dr. Giorgos Karakousis and Dr. Rachel Kelz moderated a number of the abstract sessions.

Perhaps the most inspirational aspects of the meeting were the podium presentations by Penn Students and trainees: Dr. Rebecca Hoffman, Dr. Lindsay Kuo, Dr. Andrew Newton, Dr. Madalyn Peters, Dr. Salman Zaheer, Kristina Simmons, PhD, Matt Mcmillan, Jeff Morrison, Katie O'Neill Dr. John Fischer. They embody the spirit and ambition of the Department and its future leaders in Academic Surgery.

Several members of our Penn family were inducted as

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Presentations Presented at the 2015 Academic Surgical Congress

- ◆ Potential Targets to Improve in Disparities in Thyroid Surgery Outcomes - *Lindsay Kuo, MD*
- ◆ Geographic Clustering of Guideline Adherence in Colon Cancer Care Using Spatial Autocorrelation - *Rebecca Hoffman, MD*
- ◆ Methodological Considerations in Outcomes Research: Timing of Surgery - *Kristina Simmons, PhD*
- ◆ Risk Stratification of Sentinel Lymph Node Positivity in Patients with Intermediate Thickness Melanoma - *Madalyn Peters, MD*
- ◆ The Association between Hyperthyroidism and Thyroid Cancer - *Salman Zaheer, MD*
- ◆ The Underappreciated Problem of Thyroid Cancer and Hypothyroidism - *Salman Zaheer, MD*
- ◆ Guideline Adherence Update in Stage II and III Patients Undergoing Colon Cancer Resection - *Rebecca Hoffman, MD*
- ◆ Risk Prediction Model for Mortality in the Moribund Surgical Patient - *Lindsay Kuo, MD*
- ◆ Is a Colectomy Always Just a Colectomy? Examining the Effect of Concurrent Procedures on Outcomes - *Kristina Simmons, PhD*
- ◆ Identification of Novel Class II-Promiscuous HER3-Derived CD4+ Peptides For Cancer Immunotherapy - *Jash Datta, MD*
- ◆ Cost Utility of Prophylactic Mesh Relative to Primary Suture Repair for High Risk Laparotomy - *John Fischer, MD*
- ◆ A Cost Utility Assessment of Mesh Selection in Clean and Clean-Contaminated Ventral Hernia Repair - *John Fischer, MD*
- ◆ Is Routine Excision of PASH an Unnecessary Surgery? - *D. Layon*
- ◆ Operating Room Material Costs: What do Attending Surgeons and Surgical Residents Know? - *Andy Newton, MD*
- ◆ Laparoscopic Gastropexy for Large Paraesophageal Hiatal Hernia - *Andy Newton, MD*
- ◆ Mortality Following Pancreatoduodenectomy: The Influence of Fistula Risk - *Matt Mcmillan*
- ◆ Indirect Costs Incurred by Patients Obtaining Free Breast Cancer Care in Haiti - *Katie O'Neill (student)*

Academic Surgical Congress *(continued from page 9)*

members of the Society of University Surgeons including Dr. Sunil Singhal, Dr. Michael Morowitz (HUP Chief Resident 2005) and Dr. Rachel Kelz. And, Dr. Ari Brooks was spotted volunteering his time to mentor a student paired with him through the mentoring program at the mentor breakfast.

The Penn community rallied at the meeting to deliver high

quality work but not to the exclusion of some time for fun. The EOS division had an impromptu rehearsal for presenters that was lively and great for team building. Dr. Douglas Fraker hosted a Penn Surgery Dinner at Table Ten at the Palazzo. And, rumor has it that our own Dr. BJC “won a bunch of money at the craps table.”

Marshall Orloff, HUP Chief Resident 1958, Given Lifetime Achievement Award from Society of University Surgeons

Rachel Kelz’s excellent review of the Academic Surgical Congress leaves out one thing. During the Congress the Society of University Surgeons presented its Lifetime Achievement Award to Marshall Orloff, HUP chief resident in 1958. This would have been no surprise to his Chief I. S. Ravdin. In the Department’s archives are letters from Dr. Ravdin praising him as “one of the best ever residents and furthermore one with a lovely wife.” Dr. Rhoads’ letter a few years later described him as the “ablest young man in US Surgery.”

Marshall graduated as valedictorian from college and medical school at the University of Illinois. After internship at UCSF he came to Penn where during his residency years in general and thoracic surgery he did research in the Department of Pharmacology and the National Cancer Institute.

During his first faculty position at the University of Colorado, Marshall was selected as a Markle Scholar in Medical Science. The selection process for this scholarship was an interesting one. Every year each American and Canadian medical school could nominate a single entry level faculty member from any of its departments. The resultant 80 or 90 young nominees were then interviewed in groups of 12-15. They spent 2 full days at a resort hotel in Colorado Springs or Williamsburg. There they lived with and were scrutinized by a selection panel comprised not of doctors, but of university presidents, business leaders, bankers, diplomats and their wives. Twenty-five of the candidates were selected as Markle Scholars, being deemed those most likely to become leaders in academic medicine. The Markle Foundation then financially supported their research for the next five years. At an annual meeting paid for by the Foundation the “Markles” met with their fellows from all disciplines. The Foundation also kept **10** careful track of its scholars throughout their entire



Marshall Orloff

careers, promoting their progress through the Foundation President’s influential ties with the deans, department chairs and other leaders of medical schools. No wonder that a remarkable number of Markle Scholars became leaders in all aspects of academic medicine. Although the program became widely known and considered highly successful, in 1963 a new President of the Foundation with different interests than medicine decided to discontinue. He spent the Markle money instead on “communications”. Part of its support provided startup funding for Sesame Street, a different kind of program but also one that has been successful.

Even for a Markle Scholar, Marshall Orloff’s climb up the academic ladder was surprisingly rapid. After 2 years in Colorado, at age 34 he became Professor of Surgery at UCLA and Chief of Surgery at Harbor General Hospital. In his 6 years there he recruited a faculty of young surgeons, four of whom subsequently became chairmen of departments of surgery at major universities. During his tenure at Harbor General he was offered the position of surgery chairman at Yale, the University of Chicago, Columbia and the University of Texas but he elected to accept an appointment as the founding chairman at the new University of California at San Diego. At 37 he was the youngest surgical chairman in the US.

Since then Marshall has had many honors such as the Presidency of the Society of University Surgeons, chief editorship of the World Journal of Surgery, membership on NIH study sections and the important committees of the most prestigious surgical societies, honorary degrees from foreign universities etc. Now in his 80’s, still a member of the faculty at UCSD after 45 years, he continues to present papers at major meetings such as one he gave recently at the American Surgical Association describing his unique success with emergency portocaval shunts.

Alumni News

Faculty, Residents, Alumni of Penn Surgery
email your news to Clyde Barker
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◆ **Joe Bavaria** has been honored with an invitation to deliver the John Gibbon Lecture during the 2015 Clinical Congress of the American College of Surgeons. This is one of a small number of annual lectureships considered the most prestigious presentations during the ACS meetings. It is especially appropriate for a Penn surgeon to be chosen as this lecturer since Dr. Gibbon spent a significant portion of his life as a member of the Penn faculty. Dr. Gibbon's performance of the first successful human open heart operation occurred



after he moved from Penn to Jefferson. However, the crucial animal studies demonstrating the feasibility of cardiopulmonary bypass were done in our Harrison Department of Surgical Research.

New Faculty

◆ **Christopher J. Long, MD** - Joined the Pediatric Surgery faculty in January after completing his Pediatric Urology fellowship at CHOP and after completing his residency at Temple University Hospital.



We were glad to receive this email from **Clay Brinster** bringing us up to date on his activities.

Clay writes, "I hope this email finds you well. I am currently training with advanced endovascular devices in Nürnberg Germany with Eric Verhoeven, after completing a three month fellowship in Barcelona Spain learning similar techniques from Vicente Riambau. I will begin as a staff surgeon in the Section of Vascular Surgery at the Ochsner Clinic in New Orleans in May of this year."

"Ross Milner and I recently caught up at the Leipzig Interventional Course (LINC) in Germany. Ross delivered a talk on current controversies and paradigms for TEVAR in the treatment of acute type B dissection, and moderated two high profile sessions - one regarding EVAR in the setting of the challenging AAA neck, and the other regarding therapeutic options for thoracoabdominal aneurysms. I presented a poster regarding a complex fenestrated EVAR



Ross Milner and Clay Brinster

case, and a talk in the technical forum regarding bailout techniques during branched endovascular TAAA repair."

"As you may remember, Ross spent time in Utrecht, Netherlands following his vascular surgery fellowship at Penn after garnering the former Marco Polo fellowship of the SVS. He was instrumental in inspiring me to pursue additional training abroad and in facilitating the experience for me. Ross has been a true mentor for me over the years, although we have never worked together on a formal basis. I was thinking that his mentorship is really a testament to the legacy of Dr. Fairman's vascular surgery program. I am honored to be a part of it."

"I have attached a picture of Ross and me at the LINC, should you think it appropriate for the Penn Surgical Society News alumni section. I truly enjoy reading the News each season, especially the historical pieces."



Bill Jacobs, HUP Chief Resident 1975 died of lung cancer December 6, 2014 in Charlotte, NC. A review of the Department's archives as well as my own recollection of him indicates that he was a superb resident, well respected and liked by all of his peers and mentors. Perhaps not surprisingly, he was rated particularly high by his Fellow North Carolinian Jack Mackie. However in their evaluations of Bill, Dr. Rhoads and several other faculty members commented that he might be HUP's best resident in many years. Bill was a Phi Beta Kappa graduate of Davidson College and an AOA graduate of Medical

School at Penn. During his residency he spent a year at the University of Arizona doing research on wound healing with Earle Peacock, one of the leading plastic surgeons of that era. After general surgery residency, Bill completed his Plastic Surgery training under Bugs Lehr at HUP.

The report of Bill's death comes from Bill Mullis (another particular favorite of mine), HUP Chief Resident 1976 who was Bill Jacobs' close friend through medical school, general surgery and plastic surgery residencies and then for 30 years his partner at Charlotte's Plastic Surgery Center. Bill Jacobs is survived by his wife, Nancy Hopper Jacobs, 2 children and 4 grandchildren.



Penn Surgery

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SPRING 2015

Upcoming Events

- ◆ **Agnew Surgical Society Lecture** - April 16, 2015
Julie A. Freischlag, Vice Chancellor for Human Health Sciences, Dean of the School of Medicine at University of California, Davis - Lecture: "Clinical and Personal Comparative Effectiveness"
- ◆ **Julius Mackie Distinguished Graduate Lectureship** - May 21, 2015
Omaida Velazquez, MD, Chief, Division of Vascular and Endovascular Surgery, Director, Vascular Laboratory, University of Miami Hospital, Vice Chairman for Research, Department of Surgery, Miami, Florida
- ◆ **Gordon Buzby Surgery Leadership Lecture** - June 4, 2015
Peter Bergen, National Security Analyst for CNN, Broadcast and Print Journalist, Producer, and New York Times Best Selling Author of "Holy War Inc." and "Manhunt: The Ten-Year Search for Bin Laden From 9/11 to Abbottabad" - Lecture: "A World of Trouble"
- ◆ **John Paul Pryor Lectureship** - June 18, 2015
Grace F. Rozycki, MD, MBA, Willis D. Gatch Professor of Surgery, Associate Chair, Department of Surgery, Chief of Surgery, IUH-Methodist Hospital, Indianapolis, Indiana

Editorial Board:

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Vice Chair of Administration

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Robin Noel
Graphic Artist/Web Administrator