

SURGERY Synopsis

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Chairman’s Message

“View From A Room”



It has been eight months since I took over as the Interim Chair for the Department of Surgery, and it has been a remarkable and humbling experience. Though I have been at UW for my entire career, the “view from a room,” i.e., from the Chair’s Office, has made me appreciate this department even more. (And, it is the first office I’ve had with natural daylight and an actual “view!”)

Much of this appreciation stems from getting to know our faculty and staff from a different perspective. In my new role I have been privileged to meet with many of you individually, in my visits to each of the divisions, and in a variety of other meetings and committees.

I have continued the annual faculty group Breakfasts we hold. To date, I have met with the Assistant, Associate & Professors, as well as our Teaching Associates, and Research Faculty. The thoughtful comments from each of these groups around how to improve systems, broaden and grow our mission and further develop our Department, were compelling.

Most remarkable and rewarding for me was to hear the general view that their peers and mentors are great to work with: together we create a strong sense of community in our Department.

I have always appreciated our faculty, but never more so than now. I have a renewed and magnified view of how widely our surgeons are nationally and internationally known and respected. You will see this reflected in the awards and recognition section of *Surgery Synopsis* as well as on our [website](#). We have incredible breadth and depth in our faculty group and it is easy to take for granted the stature and accomplishments that make UW Surgery stand out nationally for our clinical care, educational programs, and research.



Dr. Douglas E. Wood in his new office where his view from a room includes two pieces of beautiful art.

A recent example is the election of Ron Maier to President—Elect of the [American Surgical Association \(ASA\)](#), and the simultaneous election of four new ASA members from the Department of Surgery: [Sam Arbabi](#), [Alessandro Fichera](#), [Brant Oelschlager](#), and [Ben Starnes](#). The ASA is the most elite academic surgical society in the U.S.; to have four new members and a President—Elect from one institution is unprecedented and is further external validation of the incredible respect and regard for our faculty. (And many of you will recall that Dr. [Carlos Pellegrini](#) was the ASA President in 2005 –2006.)

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Chairman's Message

Continued from page 1

Another example is the appointment of Dr. [Mark Meissner](#) to be the initial holder of the Gloviczki Professorship in Venous and Lymphatic Disorders. The focus of this professorship is unique and Dr. Meissner is the perfect surgeon to hold this Professorship (please read more about this story on page 19).

It has also been inspiring to work with the department faculty leadership team to move our department forward – whether working to recruit important faculty additions or discuss and determine financial priorities. I still feel like I have much to learn. Our leadership meetings and my visits to division meetings help me better understand the challenges and the successes of our teams. I appreciate the patience and support that so many of you have provided as I learn the ropes.

In addition to the faculty breakfasts, I also met with the research-focused faculty and, new this year, with our Nurse Practitioners and Physician Assistants. This group, which has grown to 55 in number, is integral to providing the excellent patient care we are known for. My purpose in holding these breakfasts was to get to know them better and hear from them how they are engaged in our clinical teams as well as their insights into where we might improve. The breakfast was helpful to me and some changes have already been made based upon their input.

In addition to these efforts to better understand our faculty, I have also set a new goal: to work more closely with the residents and to learn better what they are happy about, and to understand their challenges. I have set up weekly breakfast meetings with the residents, keeping them small and focused so that we can talk honestly and ensure that everyone in the room is heard. It has been a great joy for me to get to know the residents better. Our residents are among the best and brightest in the nation, and it has been exciting to hear their innovative ideas. We have also continued our weekly Chair's Conference with the residents on Friday afternoons, during which we focus on topics that influence our professional and personal lives. Recently we discussed an excellent article on Google's effort to identify the characteristics of the ideal team. We came up with a lot of our own ideas for how each of us, from student to junior resident, senior resident to attending, can do things differently to make our teams both more fun, and more effective.

Finally, I have been able to get to better know our superb management team. As I recently told them in a management

team meeting, they provide the critical administrative and fiscal management that allow the faculty to focus on patients, conduct research and teach our residents and fellows. The importance of this work and their partnership with faculty cannot be understated. This team is highly respected within UW Medicine as well as in outside professional organizations. We can be proud that they are regularly called upon to share their expertise to help form and focus work within UW Medicine.



Douglas E. Wood, MD, FACS, FRCSEd (ad hom)
Professor and Interim
Chair, Department
of Surgery

I have always appreciated our faculty, but never more so than now. I have a renewed and magnified view of how widely our surgeons are nationally and internationally known and respected. We have incredible breadth and depth in our faculty group and it is easy to take for granted the stature and accomplishments that make UW Surgery stand out nationally for our clinical care, educational programs, and research.

I have been particularly grateful for the help of Susan Marx and the department's administrative leadership team as they continue to educate me on what I need to know and do to fulfill the duties of a Chair. There is so much to know. Dr. Pellegrini made it look easy, but I can tell you that it is not. For me this is truly a humbling growth experience. However, I don't want my tenure as Interim Chair to be one that is passive. While we have accomplished many great things in this department, I am eager to continue working together to be better than we were last year, and I'm excited and energized by all of you who have ideas to keep us always improving.

The "View from this Room" is truly inspiring. I am so grateful for the opportunity to see this department and the individuals in it from this vantage point. I

am here to help make this a rewarding place to work and am looking forward to our path ahead. The door to this room is always open; I welcome your thoughts, comments and suggestions.

I hope you enjoy this edition of *Surgery Synopsis*, which focuses on all the activities surrounding the end of one academic year and the beginning of the next: the residents we say goodbye to and the residents we welcome into our family. Please take time to look at the photos and read the comments from incoming residents. The reasons they chose to come here for their graduate surgical training are enlightening and inspiring. Please also take a look at the graduation events and comments from some our graduating residents. Our trainees, new, graduated or continuing are ones we are extremely proud of. And it is with particular pride and appreciation that we wish our graduating residents well as they venture into the next phase of their careers.

Welcome 2016/17 New Surgery Residents



Daniel Aaronson, MD
Preliminary Surgery



Tobi Afolayan, MD
General Surgery



Mahogany Ambrose, MD
Preliminary Surgery



Jamal Anyalebechi, MD
Preliminary Surgery



Aaron Berhanu, MD
Plastic Surgery



Marcus Carr, MD
Preliminary Surgery



Harrison Cash, MD
Otolaryngology



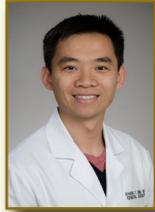
Tony Chen, MD
Urology



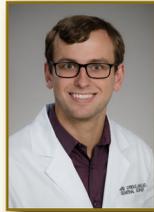
Christopher Crowe, MD
Plastic Surgery



Ranjodh Dhami, MD
Preliminary Surgery



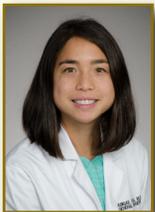
Khang Dinh, MD
Preliminary Surgery



David Drouillard, MD
General Surgery



Harib Ezaldein, MD
Preliminary Surgery



Abigail Fong, MD
General Surgery



Zi Gong, MD
Preliminary Surgery



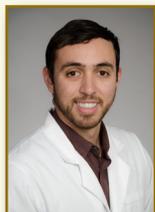
Jacquelyn Holt, MD
Orthopaedic Surgery



Andrew Hulet, MD
Orthopaedic Surgery



Immanuel Jacquez, MD
Preliminary Surgery



Emmanuel Jauregui, MD
Otolaryngology



Nathaniel Kaan, MD
Preliminary Surgery



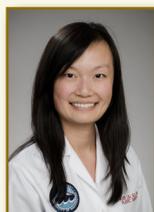
Chulhi Kang, MD
Vascular Surgery



Mark Kohn, MD
Orthopaedic Surgery



Kevin Labadie, MD
General Surgery



Katie Liu, MD
Plastic Surgery

Why I Chose Residency at University of Washington Department of Surgery...

“Seattle’s vibrant culture and beautiful outdoors—and UW’s great program and staff!”

“The cooperative atmosphere, diversity of medical pathology, quality of clinical training, and outdoor opportunities the state of Washington offers.”

“To be near a good support system—family and friends. Because Seattle is an incredible city and has the best summers in the world. To train at a rigorous program that still maintains so much humility and humanity.”

“UW is home to many of the giants of vascular surgery, and it’s an absolute honor to train here.”

“The reputation of the program as well as the pedigree along with the high level of training provided here. The collegial environment amongst the staff, faculty and residents was the added benefit!”

“Superb training program that will see me to accomplishment of my career goal; a sense that support would be available despite the robust training, Seattle reminds me of life on my Caribbean home island Dominica.”

“The faculty at UW were incredibly enthusiastic and supportive at my interview. The resources available for research and the mentorship at UW are incredible. The training opportunities with the patients UW serves are unparalleled. I can imagine no better surgical training.”

“Amazing training in all areas of Orthopaedics, and an amazing place to live for someone who loves the outdoors.”

“On my away rotation here I fell in love with the people in the plastic surgery division, reconstructive surgery, and outdoor activities.”

“I did a month here as an away student, and I found the entire DOS staff, residents, and attendings to be serious but fun. I also felt supported as a person and not just a student, which is hard to find!”

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Welcome 2016/17 New Surgery Residents

Continued from page 3



Christopher Loftus, MD
Urology



Alex Lois, MD
General Surgery



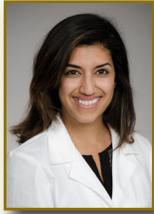
Jonathon McColleston, DO
Preliminary Surgery



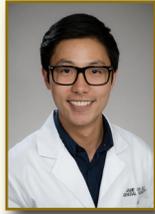
David Miranda, MD
General Surgery



Rebecca Mutesi Balimunkwe, MD
Preliminary Surgery



Anisha Noble, MD
Otolaryngology



Jamie Oh, MD
General Surgery



Sidak Pannu, MD
Preliminary Surgery



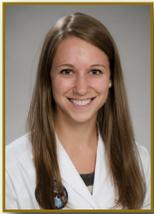
Kacy Peek, MD
Orthopaedic Surgery



Cambia Rome, MD
Preliminary Surgery



Rishi Sekar, MD
Urology



Danielle Sobel, MD
Plastic Surgery



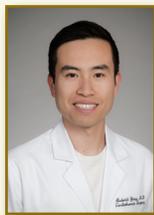
James Tamas, MD
Preliminary Surgery



Megan Terle, MD
Orthopaedic Surgery



Gregory Walker, MD
Orthopaedic Surgery



Roderick Yang, MD
Cardiothoracic Surgery



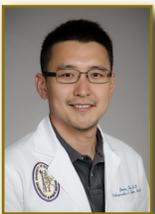
Aditya Yerrapragada, MD
Orthopaedic Surgery



Kaitlyn Zenner, MD
Otolaryngology



Michael Zhang, MD
Preliminary Surgery



Jimmy Zhu, MD
Orthopaedic Surgery

Why I Chose Residency at University of Washington Department of Surgery...

"Seattle is home for me now! I first moved out here for school and this is the longest I've ever lived in a single place—eight years and counting!"

"The high level of academics and patient care, collegial atmosphere, and beautiful scenery of the Pacific Northwest!"

"The program, the place, and the people."

"I love Seattle and the faculty care about education."

"UW has an excellent reputation for patient care and research. The surgical and urology training programs are top notch, and the opportunity to train in such incredibly diverse hospital environments with unique patient populations is unparalleled."

"I chose UW because of its reputation for training highly skilled academic surgeons. Additionally, I was drawn to the environment at UW. It was no secret that the residents work very hard but they all seemed happy and had a strong sense of community."

"Caliber of the surgical training programs, collegiality and collaboration among the different departments, unparalleled academic opportunities and support, and Seattle!"

"I chose UW for the opportunity to work with exceptional people, be a part of a world class healthcare organization and advance patient care through thoughtful and cutting edge research."

"Great location and training."

"Location, Dr. Karen Horvath, Program Director, culture of support."

"The chance to undergo excellent training in an incredible city, which happens to be my home, was too good to pass up."

"Location, strength of training."

2016 Chief Residents' Dinner

The 2016 Department of Surgery Chief Residents' Dinner was held at the Bell Harbor International Conference Center on Friday, June 17th. Welcome and introductions were presented by Dr. **Doug Wood**, Professor and Interim Chair and the event was emceed by Dr. **Dana Lyng**e, Associate Professor of General Surgery and Deputy Chief of Surgery, VA Puget Sound Health Care System.

One of the traditions of this annual dinner is presenting awards in the following categories:

Harkins Society Introduction

Introduction by Dr. **Giana Davidson**, President, Henry Harkin's Surgical Society/Assistant Professor, Division of General Surgery

Henry Harkins Award

Awardee—Dr. **Jamie Oh**, Surgery Resident

Presented by Dr. **Roger Tatum**, Surgeon-in-Chief, Professor, General Surgery, VA Puget Sound Health Care System

UW Department of Surgery Student Research Award

Awardee—Dr. **Jonathon Sargent**, Surgery Resident

Presented by Dr. **Roger Tatum**, Surgeon-in-Chief, Professor, General Surgery, VA Puget Sound Health Care System

Stevenson's Faculty Teaching Award

Awardee—Dr. **Lorrie Langdale**, Professor, VA Puget Sound Health Care System

Presented by Dr. **Val Simianu**, Surgery Resident

Resident Recognition Award for Medical Student Teaching

Awardee—Dr. **Rahul Kasukurthi**, Surgery Resident

Presented by Dr. **Doug Wood**, Professor and Interim Chair

The David Tapper Resident Teaching & Leadership Award

Awardee—Dr. **Meera Kotagal**, Surgery Resident

Presented by Dr. **Doug Wood**, Professor and Interim Chair

Fellows Finishing June 2016

Shani Belgrave-Heath, MD/Center for Videoendoscopic Surgery

Mark Wendling, MD/Center for Videoendoscopic Surgery

Fawwaz Shaw, MD/Congenital Cardiac Surgery

Jevon Brown, MD/Craniofacial Surgery

Sol Munding, MD/Craniofacial Surgery

Samuel E. Rice-Townsend, MD/Pediatric Surgery

Theodore Kung, MD/Reconstructive Microsurgery

Brian George, MD/Surgical Critical Care

Joshua Judge, MD/Surgical Critical Care

Marta McCrum, MD, MPH/Surgical Critical Care

Kathleen O'Connell, MD/Surgical Critical Care

Elisha Brownson, MD/Surgical Critical Care

Callie Thompson, MD/Surgical Critical Care

Dustin Walters, MD/Thoracic Surgery-Traditional

Terra Pearson, MD/Transplant Surgery

Chief Residents Finishing June 2016

Thoracic Surgery (I) Program

Kathleen Berfield, MD

Faculty Appointment

University of Washington and VA Puget Sound

Vascular Surgery Program

Daiva Nevidomskyte, MD

Academic Practice

Duke University

General Surgery Program

Analisa Armstrong, MD

Advanced Laparoscopy Fellowship

Tacoma, WA

Timo Hakkarainen, MD

Endocrine and Metabolic Surgery Fellowship

Icahn School of Medicine

Meera Kotagal, MD, MPH

Pediatric Surgery Fellowship

Cincinnati Children's Hospital

Jarod McAteer, MD, MPH

Pediatric Surgery Fellowship

Children's National Medical Center

Lara Oyetunji, MD

Cardiothoracic Surgery Fellowship

University of Washington

Rebecca Plevin, MD

Trauma Surgery/Critical Care Fellowship

University of California, San Francisco

Plastic Surgery Program

Jonathan Chong, MD

Microsurgery Fellowship

Edinburgh, Scotland

Rahul Kasukurthi, MD

Hand Fellowship

University of Washington

Angelo Lipira, MD

Hand Fellowship

University of Washington

Roni Prucz, MD

Private Practice

Scottsdale, AZ

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2016 Chief Residents' Dinner

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General Surgery Residency Program



Left to right: Drs. Karen Horvath, Lara Oyetunji, Daiva Nevidomskyte, Elina Quiroga, Jarod McAteer, Jeffrey Friedrich, Analisa Armstrong, Rebecca Plevin, Meera Kotagal, Doug Wood, Kathleen Berfield, Carlos Pellegrini and Timo Hakkarainen.

Vascular Surgery Residency Program



Left to right: Drs. Benjamin Starnes, Daiva Nevidomskyte, Tom Hatsukami and Niten Singh

Plastic Surgery Residency Program



Left to right: Drs. Doug Wood, Nicholas Vedder, Roni Prucz, Angelo Lipira, Jonathan Chong, Rahul Kasurthi, Kari Keys, and Jeffrey Friedrich

Thanks From A Chief Resident



Dear UW Department of Surgery Faculty,

I wanted to take a minute to say thank you to you all for training me these past 7 years. Those of you who were at the graduation dinner have already heard this but I wanted to make sure that everyone hears it from me. I learned something of value from every single Attending I worked with during my residency, my General surgery Attendings, Trauma surgeons, Vascular surgeons, Transplant surgeons, CT surgeons, Pediatric surgeons, Burn surgeons, Plastic surgeons, including the sporadic cases with the Urology, Orthopedic surgery, Neurosurgery and OB/GYN Attendings.

I am extremely grateful for your patience and tenacity in making sure that I learned everything I needed to learn to be a safe surgeon and I recognize that it was a labor of love. Residency was a life-changing experience and I thank you all for helping shape and mold that experience and it is with gratitude that I craft the signature below.

Lara Oyetunji, MD
General Surgeon
University of Washington General Surgery Residency, 2009–2016

In Memoriam Dr. Craig Eddy



On Saturday May 7th, our colleague Dr. Craig Eddy died at his home in Missoula, Montana. Craig was a graduate of our General Surgery Residency in 1985. He then served as an ad hoc Thoracic Fellow under Dr. Thomas Marchioro. He continued on and finished his formal CT training at the UW and a 6-month fellowship in Thoracic Aortic Replacement at UT Houston with Stanley Crawford. Craig then returned to Seattle as an attending surgeon at the Veterans Hospital

for several years before moving his practice to Missoula, Montana, his wife Meg's hometown. There he enjoyed a busy practice for many years until a tragic hand injury ended his surgical career. Never to be deterred by adversity and always ready for a challenge, Craig graduated from the University of Montana Law School and went on to a Health Law fellowship at Loyola University in Chicago. Craig spent the rest of his career as an attorney and hospital administrator in Missoula and Kalispell. He was very active in the art of Akido and an active member of the Catholic Church. He is survived by his wife Meg and sons Ben, Matt and Zach. The Department of Surgery expresses its condolences to Dr. Eddy's family, colleagues and friends.

The Harkins' Corner: Your Department of Surgery Faculty & Alumni Organization



Dr. Giana Davidson

Congratulations to the graduating chief residents! The graduation dinner was a wonderful celebration of their remarkable accomplishments. We look forward to hearing updates from you as many continue your training and for those that are starting practice this year. We would like to congratulate [Dr. Lorrie Langdale](#)

(pictured right), as well on being selected by the residents for the teaching award. She continues to be an inspiration and mentor to residents long after graduation day. I look forward to hearing from anyone who takes her up on her challenge to school them at barre class!



This past month we have had the pleasure of welcoming an amazing group of new interns and we look forward to watching your journey over the next 5 years...to a decade of training at University of Washington.

Please be aware of upcoming events:

October 14th, 2016

Henry Harkins Surgical Society Annual Meeting and Banquet
7:00am to 2:30 pm, Alder Auditorium
Seattle, WA

October 18th, 2016

Henry Harkins Surgical Society &
UW Department of Surgery Cocktail Reception at the
American College of Surgeons Clinical Congress
Washington DC
More info to come!

March 3rd, 2017

23rd Annual Helen and John Schilling Lecture
[Diana L. Farmer, MD](#)
Chair and Pearl Stamps Stewart Professor
Department of Surgery
University of California, Davis
Surgeon-in-Chief
UC Davis Children's Hospital

3:00 pm to 4:00 pm
UW Tower Auditorium
Seattle, WA

Sincerely,

[Giana Davidson, MD, MPH](#)
President, Henry Harkin's Surgical Society
www.harkinssociety.org

2016 Faculty Promotions



Aaron Cheng, MD
Promoted to Associate Professor

Dr. Cheng is a thoracic surgeon at the [Harborview Medical Center \(HMC\)](#). He earned his medical degree from Harvard Medical School and completed his general surgery residency at the University of Colorado. He subsequently completed residency in cardiothoracic surgery at the

University of Washington, and then undertook an additional year of fellowship training in Surgical Critical Care. He practices general thoracic surgery at Harborview Medical Center and currently serves as site director there; he also is clinically involved with the lung transplant and ECLS programs at the [University Washington Medical Center \(UWMC\)](#). In addition, Dr. Cheng also attends regularly as a critical care physician on the UWMC cardiothoracic surgical intensive care unit and has been instrumental in initiating and expanding the CT ICU service. Besides his clinical activities, Dr. Cheng is involved nationally with promoting cardiothoracic critical care education and training for residents, surgeons, and associate providers, and he has been involved with CMS coding and reimbursement processes through The Society of Thoracic Surgeons. In his free time, he enjoys spending time with his family, camping, and reading non-fiction.



D. Michael McMullan, MD
Promoted to Professor

Dr. McMullan is a pediatric heart surgeon and Director of Extracorporeal Life Support Services at [Seattle Children's Hospital](#). He received his medical degree from University of Texas Southwestern Medical School and completed general surgery residency at the University of Texas

Medical Center in Houston and thoracic surgery residency at the University of Washington. He undertook additional fellowship training in heart transplantation and mechanical cardiac support at the Texas Heart Institute and pediatric cardiac surgery at The Royal Children's Hospital in Melbourne, Australia. The focus of Dr. McMullan's research is the impact of mechanical circulatory support on clinical outcomes. He is Program Director for the

Extracorporeal Life Support Fellowship at Seattle Children's Hospital. Dr. McMullan has a keen interest in simulation training to reduce medical errors and improve patient safety. He and his team have developed specialized simulation tools that are currently being used throughout the world. Dr. McMullan is a member of the [Extracorporeal Life Support Organization](#) Executive Committee and will become president of the organization in September.

Nahush Mokadam, MD
Promoted to Professor

Dr. Mokadam completed his general surgery residency at Barnes-Jewish Hospital in St. Louis and his cardiothoracic residency at the University of Washington. Since then, he has remained primarily at UWMC, where he leads the advanced heart failure team. This team

is now recognized as a national and international leader in the field of heart transplant and mechanical circulatory support (LVAD). UWMC has been a national leader in clinical trial enrollment in this field, and continues to innovate in minimally invasive implantation techniques. Dr. Mokadam is also focused on surgical education. Recently, Dr. Mokadam was appointed the Program Director of the Cardiothoracic Residency Program at UW. As part of a national consortium with a grant from the AHRQ, Dr. Mokadam and other innovative educators in cardiothoracic surgery constructed, conducted, analyzed, and published a comprehensive simulation curriculum this past year. He has organized and executed a national "Top Gun" competition and an international "Jeopardy" competition for cardiothoracic residents. Dr. Mokadam published an [iBook on the fundamentals of cardiopulmonary bypass](#). He serves as a director of the Thoracic Surgery Directors Association Annual Boot Camp. The [Western Thoracic Surgical Association \(WTSA\)](#) has awarded Dr. Mokadam two teaching awards, and he is chair of the Program Committee for the Annual Meeting. As an active member of the Society for Thoracic Surgeons, he serves as a member of the Workforce for the Annual Meeting and the Workforce on E-Learning and Education Innovation. Dr. Mokadam was also elected to the UW Faculty Senate where his term begins in 2016. Outside of work, Dr. Mokadam enjoys spending time with his family, travel, skiing, and photography.



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2016 Faculty Promotions

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Niten Singh, MD Promoted to Professor

Dr. Singh is a vascular surgeon at Harborview Medical Center (HMC). He received his medical degree from the Uniformed Services University of the Health Sciences and completed his general surgery residency at Tripler Army Medical Center. Dr. Singh then completed a fellowship in vascular

surgery at Georgetown University. He completed his career in the army while practicing at Madigan Army Medical Center as well two combat deployments to Iraq. Dr. Singh is the Director of the Limb Preservation Service at Harborview which aligns with his clinical research on limb salvage. Dr. Singh has been instrumental in bringing advanced endovascular as well as open techniques to salvage threatened limbs in patients at Harborview since his arrival in 2013. He is the University of Washington principle investigator for the Best Endovascular versus Best Surgical Therapy for critical limb ischemia trial (BEST-CLI) and participates in other limb salvage trials as well. His other areas of research involve vascular trauma and aortic disease. He is currently the program director for the Integrated Vascular Surgery Residency and Vascular Surgery Fellowship. Dr. Singh is the Program Chair and Founder of the Pacific Northwest Endovascular Conference and serves on several committees for the Society for Vascular Surgery and Western Vascular Society including program chair for the 2016 WVS annual meeting. Dr. Singh was also just recently promoted to Associate Chief of the Vascular Surgery Division.

Roger Tatum, MD Promoted to Professor

Dr. Tatum received his MD from Northwestern University in 1995, and then completed a residency in General Surgery as well as a clinical research fellowship in Gastroenterology (focus on Esophageal Motility) there in 2001. After 4 years of private practice in General Surgery in the Seattle area, he joined VA Puget Sound and the University of Washington Department of Surgery, becoming the Director of Medical Student Surgical Education for the Department in 2005. In 2011, Dr. Tatum was appointed as the Chief of Surgery



at **VA Puget Sound**, overseeing 13 surgical subspecialties. He maintains an active clinical practice, currently performing a broad array of procedures in general and minimally invasive surgery. His research interests include esophageal motility disorders and the surgical management of reflux as well as surgical education. At the University of Washington he serves as the Chair of the Elective Clerkship Committee, and is a member of a number of committees both locally and nationally. He is also the current president of OESO, an international society dedicated to the study of the esophagus.

New WISH Executive Director **Robert Sweet, MD**

On behalf of UW Medicine and the **WWAMI Institute for Simulation in Healthcare (WISH)**, the Department of Surgery welcomes **Robert Sweet, MD**, to the University of Washington as the newly appointed Executive Director for WISH.

Dr. Sweet, a native of Minnesota, rejoins the University of Washington community, having previously completed his Urology

residency with the UW in 2003. For the past decade, Dr. Sweet has lead the simulation efforts of the University of Minnesota (Minneapolis, MN), including the development of the Center for Research Education and Simulation Technologies (CREST). The CREST program, industry leaders in the development of tissue characterization, manikin development, and artificial tissue, joined the WISH team in Seattle. This exciting new partnership will continue to enhance the simulation capabilities across the WWAMI region and move forward our research in simulation science and our teaching and training programs. Dr. Sweet joins the Institute (formally known as UW ISIS) as it enters its 10th year of service to the UW Medicine community. We look forward to exciting things from WISH. Dr. Sweet, a Professor in the Department of Urology, will also lead the new Stone Center being developed at Northwest Hospital.



Researcher Profile: Thomas Hatsukami, MD



Dr. Thomas Hatsukami

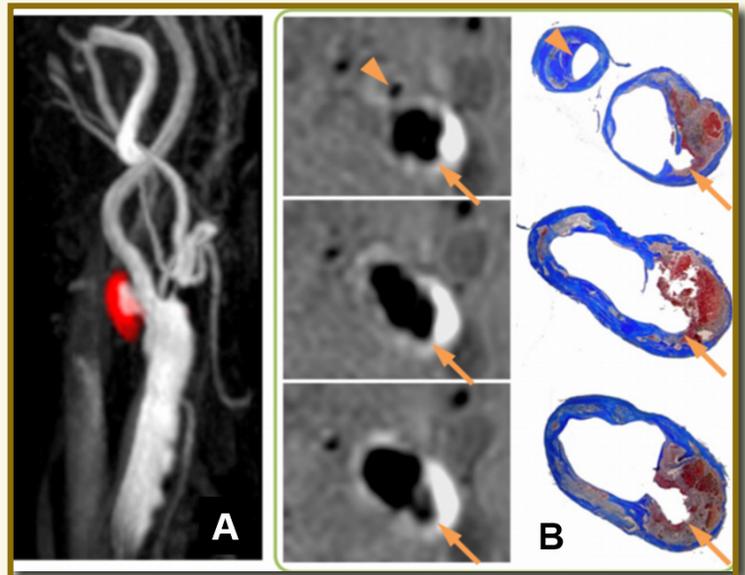
When working properly, the cardiovascular system transports blood circulated by the heart and distributed by blood vessels throughout the body, but when this system is compromised, a number of potentially life-threatening cardiovascular diseases can result, such as stroke, peripheral artery disease (PAD) and aortic dissection. More than 140,000 people in the

U.S. alone die each year from stroke, and it is a leading cause of serious long-term disability in North America. Globally, stroke is the second leading cause of death. PAD, which can lead to severe pain in the legs, and in more advanced cases, gangrene and limb loss, is estimated to affect 12–20% of people over age 60. And aortic dissection, though less common, is a life-threatening condition of the arteries that requires immediate treatment. Many of the worst outcomes of these cardiovascular diseases can be prevented with early detection and proper treatment. The Vascular Imaging Laboratory (VIL) at UW Medicine South Lake Union, under the leadership of Co-Directors Dr. Thomas Hatsukami, Professor of Surgery in the Division of Vascular Surgery, and Dr. Chun Yuan, Professor, Department of Radiology, is making groundbreaking progress in detecting, diagnosing and treating strokes, PAD and aortic dissections with advances in high-resolution imaging and new methods of drug delivery.

Preventing Strokes with High-Resolution Imaging Techniques

When blood supply to the brain is interrupted or severely reduced, it takes just a few minutes for brain cells to begin to die, causing a stroke. A quarter of patients age 65 and older will die within a year following a first stroke, and more than half die within the first five years. In 2008, the total costs of stroke in the U.S. was \$34.3 billion; in 2050 projected costs are expected to exceed \$2.2 trillion. For the past 20 years, Drs. Hatsukami and Yuan and their team at VIL have applied high-resolution imaging techniques in long-term studies to better understand the development of atherosclerosis, or hardening of the arteries, and have identified specific features of atherosclerosis that are associated with rapid

disease progression and that may be indicators of future stroke. Dr. Hatsukami recently received joint funding from the National Institutes of Health and the National Natural Science Foundation in China, where stroke is the leading cause of death, for a study to develop improved methods for the detection and localization of the atherosclerotic lesion responsible for stroke, referred to as the culprit plaque. The VIL is partnering with the Tsinghua University and the Neuroradiology Department at Tiantan Hospital in Beijing to examine novel markers and risk factors for development of the high-risk plaque. Findings from this study will lay the foundation for prospective studies that will assess whether presence of a magnetic resonance imaging (MRI)-detected culprit plaque poses a higher risk for recurrent stroke, and whether specific circulating markers predict progression to a high-risk plaque.



(A): Magnetic resonance angiogram (left panel) demonstrating a disrupted, ulcerated plaque in the proximal internal carotid artery, surrounded by intraplaque hemorrhage shown in red. The scan was performed in a patient who recently suffered a stroke and who was scheduled for surgery to remove the plaque.

(B) Images from the left panel are reformatted to show the carotid artery in cross section (middle panel). The reformatted images demonstrate the ulcerated plaque (arrow). Matching histological cross-sections obtained from the plaque removed during surgery (right panel) that confirms the presence of a large ulcerated plaque with intraplaque hemorrhage.

Improved Aneurysm Prediction and Aortic Dissection: Life and Death

Another important area of focus for the VIL is “Type B” aortic dissection, which is a tear in the inner layer of the descending

(continued on page 11)

Researcher Profile: Thomas Hatsukami, MD

Continued from page 10

aorta in the chest. A majority of patients with Type B aortic dissection can be successfully treated with medication, but they are at risk for aneurysmal degeneration and rupture over time, and up to 25% will die within three years, mostly due to aortic rupture. Predicting whether a patient with a type B dissection will eventually develop an aneurysm or a complete aortic rupture is difficult yet a matter of life and death. In a study funded by Philips Healthcare, the VIL is developing and testing MRI techniques to assess whether this type of imaging can identify characteristics of the aortic wall that are associated with future

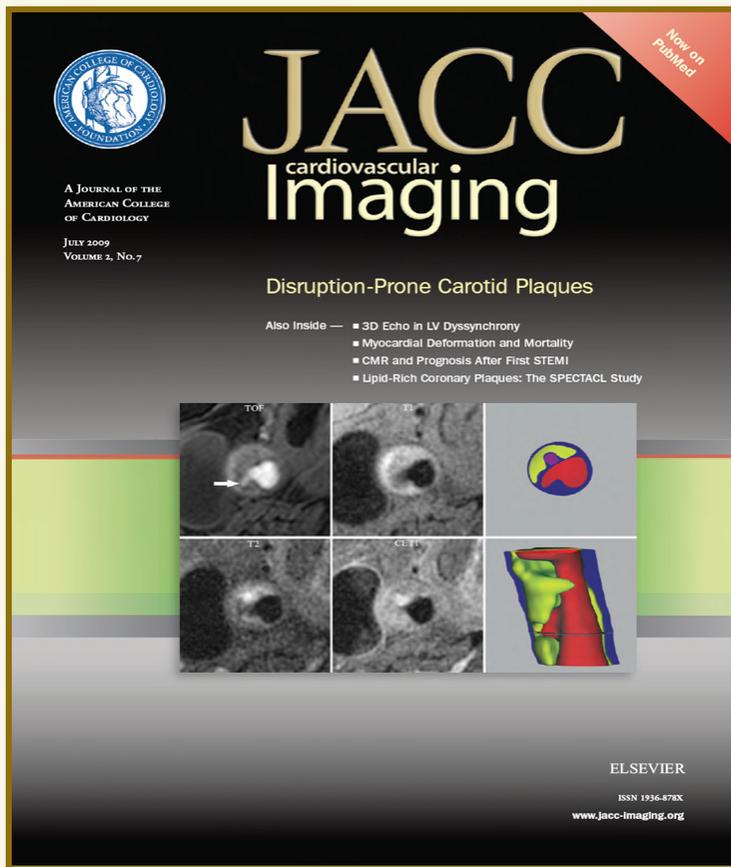
determine whether a given patient may be safely managed with medical therapy or is better served by early surgery.

Peripheral Artery Disease (PAD): A New Method of Drug Delivery

PAD is caused by atherosclerosis in the lower extremities and can result in pain in the leg muscles when walking and, in more severe cases, gangrene, the need for amputation and increased risk of death. More than half a million people each year undergo balloon dilation (angioplasty) or stenting procedures to open blocked arteries in the leg, but many patients develop recurrent narrowing and blockage within a year. This narrowing is caused by growth of a scar-like tissue thought to be driven by inflammation, and while there are a number of drugs that may reduce scarring and inflammation, they carry serious side effects when administered systemically. The VIL is collaborating with investigators at the University of California, San Francisco to test the effectiveness of local delivery of anti-inflammatory drugs directly into the artery wall at the time of angioplasty, which may reduce the risk of systemic side effects. Dr. Hatsukami is also participating in a study funded by Astra-Zeneca to develop high-resolution, noninvasive imaging techniques to more precisely measure the amount of scarring and inflammation in the artery wall following treatment. Together these studies will aid in the development of new drugs to prevent scarring and inflammation and improve the long-term durability of angioplasty in patients with PAD.

Conclusion

Vascular disease exacts a heavy burden on the health of the public around the world. Globally, stroke is the second leading cause of death, for example. Over the past 20 years, Drs. Hatsukami, Yuan and their colleagues at the VIL have developed highly productive international collaborations with medical centers throughout North America, Asia and Europe dedicated to reducing the incidence of stroke and complications from aortic dissection and PAD. They are developing advanced arterial imaging techniques that identify individuals at increased risk so physicians can intervene early and prevent the complications of these disabling vascular diseases.



Cover of JACC Cardiovascular Imaging demonstrating work performed at the UW Medicine Vascular Imaging Lab (VIL). The left and middle panels exhibit multi-contrast weighted magnetic resonance images (MRI's) of a disrupted, ulcerated plaque in the carotid artery (arrow). Using custom-designed image analysis software developed by the VIL, the tissue components of the plaque are identified (right upper panel) and a 3D reconstruction of the plaque's composition can be generated (right lower panel).

aneurysmal degeneration or aortic rupture in patients with Type B aortic dissection. They are also developing novel, noninvasive imaging methods to quantify the level of inflammation in the aorta and determine whether patients with greater vessel wall inflammation are at higher risk for rupture. Accurately predicting the likelihood of an aneurysm or an aortic rupture will help

2016 Schilling Lecture

On Friday February 26, 2016 the Department of Surgery hosted its annual Schilling Research Symposium with 22nd Annual Helen & John Schilling Lecturer Dr. Melina Kibbe, Professor of Surgery, the Edward G. Elcock Professor of Surgical Research, and Vice Chair of Research in the Department of Surgery at Northwestern University. In her talk, “Sex Bias in Surgical Biomedical and Clinical Research,” Dr. Kibbe discussed the sex differences that exist with diseases processes and the sex disparity that exists in the development and evaluation of drugs, devices, and medical therapies. Dr. Kibbe is a strong advocate for sex inclusion in biomedical research and has been interviewed by Leslie Stahl for 60 Minutes in February 2014 and later appeared on the Colbert Report. Her publication [“Sex bias exists in basic science and translational surgical research”](#) in the journal *Surgery* on the presence of sex bias in surgical research gained a great deal of media attention nationally and internationally, and has resulted in discussions with the National Institutes of Health, the Government Accountability Organization, and the Food and Drug Administration about policy change.

Dr. Kibbe graduated from the University of Chicago Pritzker School of Medicine in 1994. She completed her internship, residency, and research fellowship at the University of Pittsburgh Medical Center in 2002, and her vascular surgery fellowship at Northwestern University Feinberg School of Medicine in 2003. She has significant experience with both open and endovascular surgery, including the treatment of carotid stenosis, peripheral vascular disease, and abdominal aortic



Drs. David Flum, Melina Kibbe and Doug Wood

aneurysms. Dr. Kibbe’s research interests focus on developing novel therapies for patients with vascular disease while simultaneously studying the mechanism of how these therapies impact the vascular wall. She is currently PI on three NIH R01 awards, one NIH T32 award, and one VA Merit award, in addition to serving as Co-Investigator on several other awards. Her currently funded projects include developing a novel biodegradable drug-eluting liquid cast stent, developing a new methodology to treat atherosclerosis by reducing plaque burden, investigating the role of resident adventitial progenitor cells in the vasculature, developing and evaluating an endothelial progenitor cell-derived bioengineered ePTFE graft, and developing innovative, targeted therapeutics to prevent restenosis following cardiovascular interventions. She holds seven patents or provisional patents and her research was recognized by President Obama with the Presidential Early Career Award for Scientists and Engineers in

2009. She is the Editor-in-Chief for *JAMA Surgery* and serves as an Associate Editor of the *Journal of Surgical Research*.

The Research Symposium included 16 oral presentations and 15 posters by Department of Surgery residents and fellows on a wide variety of basic and clinical research topics. The day also included talks by Drs. [Eileen Bulger](#), [Giana Davidson](#), and [Jason Smith](#) on three highly innovative clinical trials looking at immune modulation for patients with necrotizing soft tissue infections; antibiotics versus appendectomy for the treatment of uncomplicated appendicitis; and the “heart-in-a-box” system for donor heart preservation.

[View the full abstract booklet >>](#)

Both the plenary and poster sessions were adjudicated by Dr. Kibbe and Department of Surgery research leadership. Participants were ranked on scientific merit and validity, presentation skills, and preparedness for questions and comments from the audience. Congratulations to the top presenters in each session:

Plenary Session

1st place

Anne P. Ehlers, MD

“Improved Risk Prediction after Colorectal Surgery Using Machine Learning Algorithms”
Faculty mentor: David R. Flum, MD, MPH

2nd place (tie)

Brodie Parent, MD

“Trending Physiologic State Using Metabolomics in Critically-Injured Trauma Patients”
Faculty mentor: Grant E. O’Keefe, MD, MPH

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2016 Schilling Lecture

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2nd place (tie)

Kevin M. Riggle, MD

“Neurotensin Enhances Cell Proliferation in Fibrolamellar Hepatocellular Carcinoma”

Faculty mentors: Kimberly Riehle, MD and Raymond Yeung, MD

3rd place

Cordelie E. Witt, MD

“Effect of Body Mass Index on Risk of Complications after Pediatric Appendectomy”

Faculty mentor: Frederick P. Rivara, MD, MPH,
Department of Pediatrics

Poster Presentations

1st place

Ravi F. Sood, MD, MS

“Respiratory Complications Following Abdominal Wall Reconstruction: Analysis of the Nationwide Inpatient Sample Database”

Faculty mentor: Nicole S. Gibran, MD

2nd place (tie)

Elisha G. Brownson, MD

“Combining Store-and-Forward Pictures and Videoconferencing for Outpatient Burn Follow-up Care”

Faculty mentor: Tam N. Pham, MD

2nd place (tie)

Vlad V. Simianu, MD, MPH

“The Reliability of a Standardized Reporting System for the Diagnosis of Appendicitis”

Faculty mentor: David R. Flum, MD, MPH

3rd place

Katherine Flynn-O'Brien, MD, MPH

“Leveraging Existing Data System Investments to Improve Quality Care for Critically Injured Children”

Faculty mentor: Frederick P. Rivara, MD, MPH,
Department of Pediatrics

The Helen and John Schilling Endowed Lectureship was established by the late Helen Schilling to bring distinguished scholars to the Department of Surgery at the University of Washington, and to enhance the Department's commitment to the highest standards of patient care, teaching, research and scholarship. It was Mrs. Schilling's wish that the lectureship be in honor of her husband, Dr. John Schilling, who served as Chair of the Department of Surgery from 1975-1983.

Special Grand Rounds Presented by Dr. Paul E. Farmer

The Department of Surgery was honored to host Dr. **Paul E. Farmer** for a **special grand rounds lecture** in May 2016. Dr. Farmer's presentation entitled “Beyond The OR: Surgical Disease And Global Health” discussed the barriers to treating surgical disease in low-resource settings as well as what is most needed in the delivery of global surgical care.



Medical anthropologist and physician Dr. Farmer has dedicated his life to improving health care for the world's poorest people. He chairs the Department of Global Health and Social Medicine and is a founding director of **Partners In Health (PIH)**, an international non-profit organization that since 1987 has provided direct health care services and undertaken research and advocacy activities on behalf of those who are sick and living in poverty. He also is professor of medicine and chief of the **Division of Global Health Equity** at Brigham and Women's Hospital.

Dr. Farmer began his lifelong commitment to Haiti in 1983 while still a student, working with dispossessed farmers in Haiti's Central Plateau. He served there for ten years as medical director of a charity hospital, L'Hôpital Bon Sauveur. With PIH over the past twenty-six years, Dr. Farmer has led colleagues working in twelve sites throughout Haiti and twelve additional countries around the globe. For more than a decade, the Department of Global Health and Social Medicine has integrated research and teaching programs with PIH service activities, establishing direct

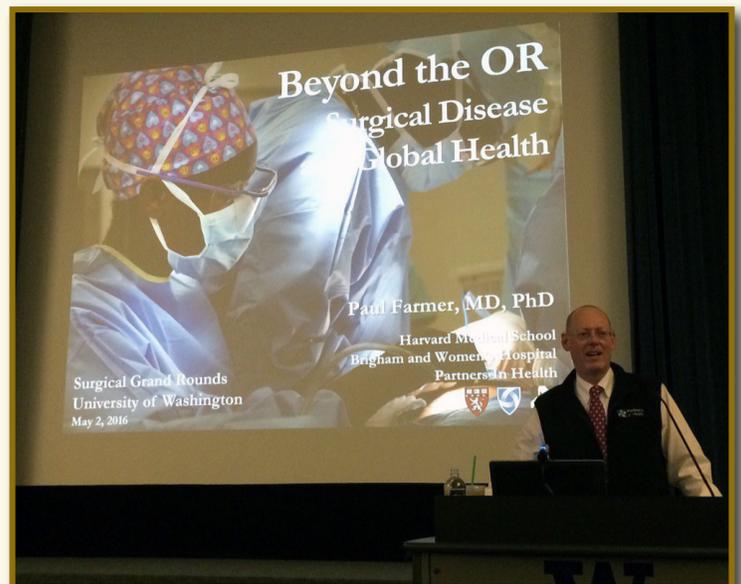


Photo credit: Dr. Meera Kotagal

(continued on page 14)

Special Grand Rounds

Continued from page 13

feedbacks between clinical interventions and biosocial analyses. The work has become a model for health care for poor communities worldwide and provides the basis for developing a science of global health delivery implementation.

Dr. Farmer holds an MD and PhD from Harvard University. In addition to his leadership roles at Harvard Medical School, Brigham and Women's Hospital, and Partners In Health, he is the United Nations Special Adviser to the Secretary-General on Community Based Medicine and Lessons from Haiti.

Dr. Farmer and his colleagues in the U.S. and abroad have pioneered novel, community-based treatment strategies that demonstrate the delivery of high-quality health care in resource-poor settings in the U.S. and other countries. Their work is documented in the *Bulletin of the World Health Organization*, *The Lancet*, the *New England Journal of Medicine*, *Clinical Infectious Diseases*, and *Social Science and Medicine*.

Dr. Farmer also has written extensively on health and human rights, about the role of social inequalities in the distribution and outcome of infectious diseases, and about global health. His most recent book, *Reimagining Global Health*, co-edited with three colleagues, presents a distillation of several historical and ethnographic perspectives of contemporary global health problems. Other titles include: *To Repair the World: Paul Farmer Speaks to the Next Generation*, a collection of short speeches, *Partner to the Poor: A Paul Farmer Reader*, *Pathologies of Power*, *Infections and Inequalities*, *The Uses of Haiti*, and *AIDS and Accusation*. In addition, Dr. Farmer is co-editor of *Women, Poverty, and AIDS*, *The Global Impact of Drug-Resistant Tuberculosis*, and *Global Health in Times of Violence*.

Dr. Farmer is the recipient of numerous honors, including the Margaret Mead Award from the American Anthropological Association, the American Medical Association's Outstanding International Physician (Nathan Davis) Award, the John D. and Catherine T. MacArthur Foundation Fellowship, and, with his PIH colleagues, the Hilton Humanitarian Prize. He is a member of the Institute of Medicine of the National Academy of Sciences and of the American Academy of Arts and Sciences.

Dr. Doug Wood Elected WTSA Historian

Dr. **Douglas Wood**, Professor and Interim Chair, Department of Surgery, Chief, Division of Cardiothoracic Surgery, Endowed Chair in Lung Cancer Research, was elected by the **Western Thoracic Surgical Association (WTSA)** Council to be their new Historian at their 42nd annual meeting in June 2016. Dr. Wood previously served as WTSA President 2007–2008.



The WTSA Historian is elected annually by the Council and is the Parliamentarian and Historian of the Association. The Historian acts as WTSA's public relations and press representative and performs such other various duties as delegated by the Council. The Historian serves in a very long-term, sometimes lifetime, position on the Council, and represents stable perspective and leadership to the WTSA.

The WTSA's (formerly The Samson Thoracic Surgical Society) purposes are: to advance the quality and practice of thoracic and cardiovascular surgery as a specialty; encourage research and study of thoracic and cardiovascular functions and disorders so as to increase knowledge and improve treatment; and to hold scientific meetings for the presentation and discussion of topics of interest to thoracic and cardiovascular surgeons and to encourage publication of these proceedings. WSTA membership is only eligible to cardiothoracic surgeons from the western United States and Canada, and former residents who trained in western training programs.

Dr. Ron Maier Selected ASA President-Elect



Ron Maier, MD was selected President-Elect of the **American Surgical Association (ASA)** at their 136th Annual Meeting in Chicago, Illinois, April 2016.

The ASA was founded in 1880 and is the nation's oldest and most prestigious surgical organization. Its members include the nation's most prominent surgeons from the country's leading academic medical institutions, many of whom are Chairs of the Departments of Surgery at these institutions. Membership also includes leading surgeons from around the world, making it much more than an American association. Its primary mission is to be the premier organization for surgical science and scholarship and to provide a national forum for presenting the developing state of the art and science of general and sub-specialty surgery and the elevation of the standards of the medical/surgical profession.

(continued on page 15)

Maier Selected ASA President–Elect

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Regarding his selection, **Doug Wood**, MD, Professor and Interim Chair of the Department of Surgery and Chief, Division of Cardiothoracic Surgery, said, “The ASA is the oldest and most elite of our surgical societies, and sets the standard for scholarship in surgery. As many of you know, Dr. **Carlos Pellegrini** was President of the ASA in 2005–2006 and few institutions can claim two ASA presidents amongst their faculty.

This has been an amazing year for Ron as he has also served as a very active Vice-President of the **American College of Surgeons**, essentially serving in the presidential role since October 2015. And, Ron has had an extremely successful couple of years in terms of honors and awards, recently receiving the Dr. Rodman E. Sheen and Thomas G. Sheen Award for outstanding contributions in the frontiers of medical science, as well as the UW Medicine Award for Excellence in Mentoring Women.”

Dr. Maier is the surgeon-in-chief of Harborview Medical Center and Professor and Vice-Chair of Surgery at the University of Washington. He is the Jane and Donald D. Trunkey Professor of Trauma Surgery.

Dr. Maier earned his bachelor’s degree from the University of Notre Dame and his MD from Duke University. He first came to the University of Washington to complete his general surgery residency. After a postdoctoral fellowship in immunopathology at the Scripps Research Foundation in La Jolla, CA, he returned to the University of Washington as an attending in surgeon. He is an expert in trauma care, emergency general surgery and surgical critical care. He conducts research on clinical approaches to improve survival after severe injuries and following severe life-threatening surgical illness. He is also an expert in care and research of patients in the ICU with multiple organ failure and critical illness. Dr. Maier is listed in “The Best Doctors in America,” he is a fellow of the American College of Surgeons and is board certified in surgery and surgical critical care. He is past-president of the Society of University Surgeon, the American Association for the Surgery of Trauma, the Surgical Infection Society, the Shock Society and the Halsted Society. In addition, he has served as chair of the American Board of Surgeons, Vice President of the American College of Surgeons (ACS) and the NIH Study Section for Surgery, Anesthesiology and Trauma.

Dr. Doug Wood Elected ESTS’s International Councilor



Douglas Wood, MD, Professor & Interim Chair of the Department of Surgery, was elected International Councilor at the **European Society of Thoracic Surgeons (ESTS)** Annual Meeting in Naples, Italy (May 2016).

ESTS is the largest specialty society of general thoracic surgery in the world, with over 1,500 members from more than 70 countries. Among other activities, ESTS leads several worldwide courses in thoracic surgery, establishes and publishes guidelines and best practices and owns and manages a large clinical database. It is viewed as a major organization representing the general thoracic subspecialty within cardiothoracic surgery. The organization is run by the Council, which is made up of the officers of ESTS, several at-large Councilors, and one International Councilor who serves a three-year term. The International Councilor represents “the rest of the world” in this European-based specialty society and Dr. Wood is the fourth person to hold this role.

The other major cardiothoracic organization in Europe is the European Association of Cardio-Thoracic Surgery (EACTS). A number of years ago, EACTS also developed a single “International Councilor” position to represent the rest of the world. Dr. Wood was the third person to hold this position from 2010–2013 and is now the first person to serve as International Councilor for both societies. He has been deeply involved with both societies for many years, working behind the scenes to facilitate collaboration between the groups. He is excited for this opportunity and with it the ability to impact thoracic surgery education, policy, and collaboration in Europe over the next years.

The Department and School congratulate Dr. Wood on this office and the opportunities it affords.

Dr. Daniel Ledbetter Runner-Up for AAMC Humanism in Medicine Nomination



Every year, the [Association of American Medical Colleges \(AAMC\)](#) honors a medical school faculty physician who exemplifies the qualities of a caring and compassionate mentor in the teaching and advising of medical students. The [Arnold P. Gold Foundation Humanism in Medicine Award](#), administered

through the Organization of Student Representatives (OSR), is awarded to one physician faculty nationwide each year.

Dr. [Daniel Ledbetter](#), Professor, Pediatric General Surgery at Seattle Children's Hospital, was a runner-up for University of Washington's School of Medicine (UW SOM) nomination. This year the UW SOM received nominations for over 50 faculty—it is truly an honor to be selected as a runner-up. Some of the students who nominated him shared:

"Dr. Ledbetter is the first doctor who has made me feel confident enough to be involved in making decisions at the bedside of a patient, he takes

the time to be patient when asking for possible answers or ideas, and when they are wrong finds a way to still make me feel like I can try again next time."

"Dr. Ledbetter has been the most important teacher I've had during my medical school education. He teaches us patient care while exemplifying great bedside manner. [He] creates a caring environment for us to develop our clinical medicine skills. He teaches us things no book can... how to talk to patients and how to do it well."

"Dr. Ledbetter is a great mentor that creates a very safe space for learning and builds collaboration amongst his students. He is very knowledgeable and teaches by example, often pushing us so we can see how much we have learned. He provides very helpful feedback for improvement and helps us determine realistic goals to reach as we go through ICM2."

The Department of Surgery congratulates and thanks Dr. Ledbetter for his continued support of humanism in medicine at UW. The entire [UW-WWAMI](#) community benefits from his dedication to service, mentorship, and high-quality clinical practice.

Honors, Awards & Publications

Harborview Medical Center



Harborview team (left to right): Mark Zaros, MD, Mark Taylor, RN, Roxana Dumitru, PharmD, Ronald Pergamit, MPA, Joe Cuschieri, MD, Anneliese Schleyer, MD, Ellen Robinson, PT, and Kim Hayes, RN.

[Harborview Medical Center](#) is one of eight hospitals nationwide recognized by the U.S. Centers for Disease Control and Prevention as Healthcare-Associated Venous Thromboembolism

Prevention Champions for their success in implementing innovative and effective ways to prevent venous thromboembolism in healthcare settings.

Venous thromboembolisms, or VTEs, are blood clots that form deep in the body (deep vein thrombosis), in the lungs (pulmonary embolism) or both. VTEs are a serious and growing public health problem and estimates suggest that up to 900,000 VTE events occur in the U.S. each year, resulting in as many as 100,000 premature deaths. VTE-associated healthcare costs may be as high as \$10 billion a year. People who are currently or were recently hospitalized, recovering from surgery or being treated for cancer are at increased risk for developing these deadly blood clots. About half of all VTE events are related to hospitalization or surgery.

Originally published in UW Medicine INSIGHT, April 25, 2016 Issue

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Honors, Awards & Publications

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Harborview Medical Center received recognition from The American College of Surgeons Committee on Trauma for 35+ years of active participation and dedication to the Advanced Trauma Life Support (ATLS)[®] program.



Faculty

Saman Arbabi, MD, MPH



Dr. Arbabi has been selected to receive the 2016 [American College of Surgeons \(ACS\)](#)/American Association for the Surgery of Trauma Health Policy Scholarship. This scholarship will enable Dr. Arbabi to attend the course “Leadership Program in Health Policy and Management,” offered by Brandeis University’s Heller School in June 2016.

Eileen Bulger, MD

Dr. Bulger has been selected to receive the 2016 [American College of Surgeons \(ACS\)](#)/American Surgical Association Health Policy Scholarship. This scholarship will enable Dr. Bulger to attend the course “Leadership Program in Health Policy and Management,” offered by Brandeis University’s Heller School in June 2016.



Since 2004, the Heller School has offered an annual Leadership Program in Health Policy and Management for 30 to 35 physician and surgeon leaders partially sponsored by the American College of Surgeons and the [Thoracic Surgery Foundation for Research and Education \(TSFRE\)](#).

This intensive one-week program equips health leaders with the knowledge and skills essential for:

- Creating innovative and sustainable solutions to improve the quality, cost-effectiveness, and efficiency of health care service delivery, and
- Participating in health care policy and reform.

Program sessions and case studies offer the latest in national health policy and management frameworks. Program content is developed under the guidance of:

- [Jon Chilingirian, PhD](#), program director and faculty, the Heller School, and
- [Stuart Altman, PhD](#), former dean of the Heller School and Sol C. Chaikin Professor of National Health Policy.

The program draws on the unique strengths of the [Heller School](#) and the [Schneider Institutes for Health Policy](#).

Nahush Mokadam, MD



[The Society of Thoracic Surgeons \(STS\)](#) Executive Committee approved Dr. Mokadam’s appointment to their journal’s editorial board for a three year term.

[The Annals of Thoracic Surgery](#) is the official journal of the STS and the [Southern Thoracic Surgical Association](#), two of the largest American associations in its specialty. First published in 1965, The Annals is an international, peer-reviewed journal that provides outstanding original coverage of recent progress in adult and congenital cardiovascular and chest surgery and related fields. This leading monthly receives over 3,500 manuscripts for consideration annually and maintains rigorous acceptance standards under the editorial leadership of Editor G. Alexander Patterson, MD and a distinguished editorial board.

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Honors, Awards & Publications

Continued from page 17

Residents & Fellows



Brodie Parent, MD

Dr. Parent was awarded first place and \$500 for Best Resident Oral Paper Presentation at the Pacific Coast Surgical Association Meeting in Waikaloa, HI. The title of his presentation was “*Metabolomics: a novel method to trend therapy in critically-ill trauma patients.*”

Dr. Parent was published in the **Journal of the American Medical Association (JAMA)** for his project titled “**Use of Metabolomics to Trend Recovery and Therapy After Injury in Critically Ill Trauma Patients.**” Metabolomics, along with genomics and the other “omics” is a tool that allows the simultaneous analysis of a large number of metabolic building blocks and end products. It offers the promise of a greater understanding of the local and systemic response to surgical stress and injury and the opportunity to fine tune or “personalize” patient care. This study documented the metabolomic response to injury, identified common changes, including early suppression of both catabolic and anabolic processes and characterized individual differences, such as variable persistence of a state of oxidative stress. These observations have led us to design new studies aimed to determine the effect of interventions on these metabolic processes and use these measures to improve patient outcomes.

Ravi Sood, MD

Dr. Sood has been selected to receive this year’s Anita Roberts Award from the Wound Healing Society for the best paper published in Wound Repair and Regeneration by a young investigator.

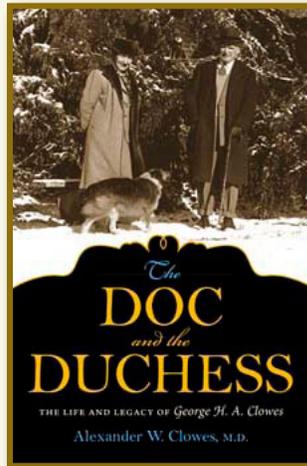


Gabriel Wallace, MD

Dr. Wallace is the recipient of 2016 AAS Outstanding Resident Presentation Award at the 11th Annual Academic Surgical Congress in Jacksonville, Florida. The research project presented was “*The Use of Smart Phone Thermal Imaging for Assessment of Peripheral Perfusion in Vascular Patients.*”



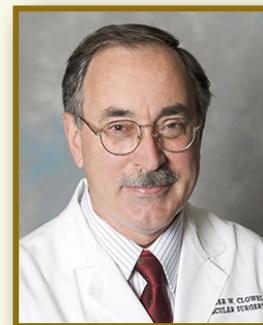
The Doc and the Duchess



Dr. Alexander W. Clowes’ book, “*The Doc and the Duchess—The Life and Legacy of George H.A. Clowes*” regarding the life of his grandfather, George Henry Alexander Clowes, was published by Indiana University Press in February 2016.

The book accounts George Henry Alexander Clowes who was a pivotal figure in the development of the insulin program at the Eli Lilly Company. Through his leadership, scientists and clinicians at Lilly and

the University of Toronto created a unique, international team to develop and purify insulin and take the production of this life-saving agent to an industrial scale. This biography presents his scientific achievements, and also takes note of his social and philanthropic contributions, which he shared with his wife, Edith. It tells the story of Clowes from his childhood in late Victorian England to his death at Woods Hole on Cape Cod in 1958.



Dr. Alexander W. Clowes (1946–2015), vascular surgeon, internationally renowned scientist in vascular biology, teacher and mentor, held the Gavora–Schilling Endowed Chair of Vascular Surgery at the University of Washington School of Medicine. Dr. Clowes was a Director and President of The Clowes Fund.

For more information on this book publication or to purchase, please visit [Indiana University Press’ site](#).

Dr. Mark Meissner—Peter Gloviczki Professorship in Venous and Lymphatic Disorders



On July 12th and 13th, the Department of Surgery celebrated the establishment of the Peter Gloviczki Professorship in Venous and Lymphatic Disorders. Dr. **Mark Meissner** (pictured left), Professor of Surgery in the Division of Vascular Surgery, was named as the initial holder of the professorship in recognition of his expertise in deep venous thrombosis and chronic venous disease. Named for Dr. **Peter Gloviczki** (pictured right), lead vascular surgeon at the Mayo Clinic, the Professorship is funded by an anonymous donor to honor two individuals “who have been significant in the life and professional development of the donor.” It is unique in that it is the first Venous and Lymphatic Disorders Professorship to be established in the United States and second in the world.

The Division of Vascular Surgery welcomed Dr. Gloviczki with a Vascular Surgery Roundtable during which several Department of Surgery residents and fellows presented interesting cases to Dr. Gloviczki and division faculty. Later that evening, Drs. Gloviczki and Dr. Meissner were joined by a handful of other Department of Surgery faculty for a dinner in honor of the new Professorship. The following morning, Dr. Meissner presented Grand Rounds. His presentation was entitled “*From the Mayo Clinic to Jackson, Mississippi: A Century of Progress in the Management of Chronic*

Venous Disease.” This presentation discussed the decades-long relationship between the Mayo Clinic and the University of Washington as leaders in the field of venous disease.

The Peter Gloviczki Professorship in Venous and Lymphatic Disorders ensures that patients with these disorders will continue to receive excellent care, and that research in this field will continue. The Department of Surgery at UW Medicine is extremely grateful to the donor for their vision and this honor.

Photo credits: UW Medicine Advancement

Save the Dates

DEPARTMENT OF SURGERY HARKINS SYMPOSIUM

Friday, October 14, 2016
7:00a.m.—2:30p.m., Alder Auditorium

DEPARTMENT OF SURGERY 67TH ANNUAL ALFRED A. STRAUSS LECTURE

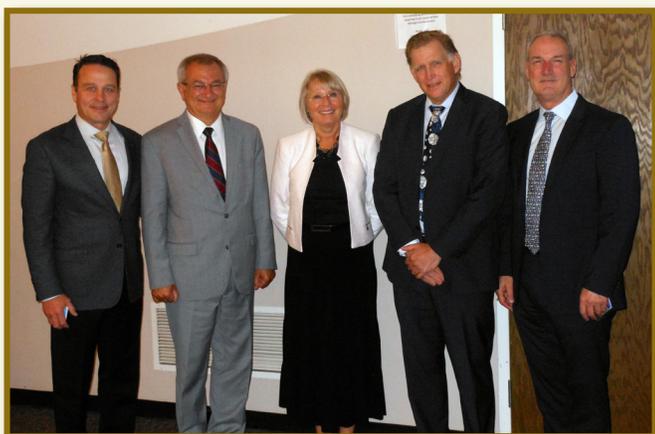
Friday, October 14, 2016
4:00p.m., Hogness Auditorium
Speaker: Dr. Robert Higgins
William Stewart Halsted Professor of Surgery
Surgeon-in-Chief, Johns Hopkins Medicine
Director of the Department of Surgery at the Johns
Hopkins University School of Medicine

DEPARTMENT OF SURGERY RESEARCH SYMPOSIUM

Friday, March 3, 2017
7:00a.m.—2:30p.m., UW Tower Auditorium

DEPARTMENT OF SURGERY 23RD ANNUAL HELEN AND JOHN SCHILLING LECTURE

Friday, March 3, 2017
3:00p.m.—4:00p.m., UW Tower Auditorium
Speaker: Dr. Diana L. Farmer
Chair and Pearl Stamps Stewart Professor
Department of Surgery
University of California, Davis
Surgeon-in-Chief
UC Davis Children’s Hospital



Left to right: Drs. Benjamin Starnes, Peter Gloviczki, Monika Gloviczki, Mark Meissner and Doug Wood

Dr. Lara Oyetunji Wins SBAS Dr. Claude H. Organ, Jr. Resident Award Competition



Congratulations to Dr. **Lara Oyetunji**, General Surgery Chief Resident, for winning the Dr. Claude H. Organ, Jr. Resident Award Competition from the **Society of Black Academic Surgeons (SBAS)** at its recently concluded meeting in April, 2016. Her winning paper was entitled “Cigarette Smoke Induces MicroRNA-145 Dysregulation

During Esophageal Carcinogenesis,” which included the results from her work as a research fellow at the National Cancer Institute from 2012-2014.

Dr. Oyetunji researched the role of tobacco smoke in esophageal cancer by using a novel in-vitro model system to examine microRNA alterations potentially contributing to tobacco-induced esophageal carcinogenesis. She then identified novel microRNAs that are dysregulated by cigarette smoke exposure and characterized the mechanisms by which these microRNAs and their targets drive esophageal adenocarcinogenesis in in-vitro and in-vivo models.

Claude H. Organ, Jr., MD, FACS (1926-2005) was a world renowned academic surgeon and a major force in shaping and supporting the lives and careers of thousands of young surgeons. In 1989, Dr. Organ and several other black academic surgeons founded SBAS and held its first meeting at Duke University. Throughout his career, he oversaw the training of dozens of surgeons, including several African-American women. His lifelong dedication to mentoring young surgeons and encouraging diversity in the field of surgery is represented in the annual Claude Organ, Jr. Resident Paper Competition.

Delos “Toby” Cosgrove, MD, President & CEO, Cleveland Clinic, committed funds from the Cleveland Clinic’s endowment for the prize. Starting in 2008 and continuing into the subsequent years, Cleveland Clinic’s sponsorship of the Claude Organ, Jr. Resident Paper Competition helps insure the success of the future generations of surgeons.

Dr. Damien Carter Receives AAST Research & Education Scholarship



Congratulations to Dr. Damien Carter, recent graduate of the UW General Surgery Residency Program and 2015 UW Department of Surgery Critical Care Fellow, on being awarded the **American Association for the Surgery of Trauma (AAST)** Research and Education Scholarship for the 2016-2017 academic year. Dr. Carter, now

Assistant Professor of Surgery at Tufts University and Director of the **Maine Medical Center (MMC)** Burn & Wound Service, received the \$50,000 award for his research project titled “The role of mitochondrial DAMP’s in burn wound inflammatory signaling and vascular permeability.” He will investigate the mechanisms of DAMP (Damage associated molecular patterns) release from burn injured cells and their effect on vascular permeability and endothelial cell function. The aim is to identify potential therapeutic targets that could reduce tissue edema after burn injuries and improve survival in severe burn and inhalation injury.

Dr. Carter will receive formal recognition of his scholarship award during the AAST Business Meeting on September 16, 2016 in Waikoloa, HI. He will then present his findings at the 2017

AAST Annual Meeting in Baltimore, MD, during the scholarship presentation portion of the meeting.

The mission of the AAST is to serve as the premier scholarly organization for surgeons dedicated to the field of trauma and the care of critically ill surgical patients. AAST is dedicated to discovery, dissemination, implementation, and evaluation of knowledge related to acute care surgery (trauma, surgical critical care, and emergency general surgery) by fostering research, education, and professional development in an environment of fellowship and collegiality.

A major goal of the AAST is to provide research scholarships each year to young investigators to further trauma research and scholarships for Medical Students, Residents and In-Training Fellows to attend the AAST Annual Meetings. For more information, please visit [AAST’s scholarships page](#).



Dr. Robert Yates

This month we interviewed Robert Yates, Clinical Assistant Professor in the Division of General Surgery. Dr. Yates practices at the UW Medicine Surgical Services and Hernia Center at Northwest Hospital and the Center for Esophageal and Gastric Surgery at University of Washington Medical Center. He has advanced fellowship training in minimally invasive (laparoscopic and endoscopic) surgery. His clinical interests include

the management of all types of abdominal wall hernias and hernia-related issues (recurrent hernias, mesh infection, chronic pain related to hernia surgery) as well as surgical management of diseases of the gastrointestinal tract with a particular focus on disorders of the esophagus and stomach.

Synopsis: What was the last book you read?

Yates: *Beautiful Ruins* by Jess Walter. It was really well written and had really good character development. Usually though I prefer non-fiction. A story is so much more interesting to me knowing it actually happened. I also just finished reading *In Search of Complications*, which is an autobiography by Eugene de Savitsch, who was a Russian immigrant who came to the US and became a distinguished surgeon in the early 20th century. I've read quite a few of these types of autobiographies from surgeons in the 1700's through the early 1900's and they're just really fascinating.

Synopsis: What is the next book you're planning to read?

Yates: I just started reading *Short Nights of the Shadow Catcher*, a biography of Edward Curtis, the well-known photographer who documented the cultural heritage of North American Indians in the early 20th century. He started his work as a photographer here in Seattle, so it is entertaining to read about what the city was like at that time in history. It's also an amazing example of personal drive and ambition, taking on a seemingly impossible project, and succeeding.

Synopsis: Any favorite TV shows?

Yates: I have to agree with your last interviewee, Sherene Shallhub, about *The Walking Dead*. It's not something I'd normally like, but the combination of suspense, action, and character development makes it very good. ESPN 30 for 30 documentaries are also high on the list – great reporting on interesting sports personalities and events. Mostly I enjoy comedies though. Aziz Ansari's stand-up is really good. *The Office*, *Scrubs*, and *Frasier* are older but still favorites.

Synopsis: Do you have a favorite restaurant?

Yates: We have a couple of friends who have a goal to go to 20 restaurants a year in Seattle, which I thought was a really cool idea, so my girlfriend (Jenna) and I have been doing that. Last year we went to 34 new restaurants, which was a lot more than we anticipated, but Seattle has such great restaurants, it became a bit addicting! A few of our favorites have been Serafina, Lecosho, Salare, The Whale Wins, and The Walrus and the Carpenter.

Synopsis: What would you be if not a surgeon?

Yates: I could probably be a physician in any number of fields...

Synopsis: OK, if not a physician? I'd still like to be in healthcare, so maybe a dentist? I am just really passionate about medicine. There is such a big need for quality healthcare and I like that I can develop one-on-one relationships with patients and apply my knowledge to help people who are dealing with difficult problems.

Synopsis: What do you do in your leisure time?

Yates: I enjoy anything outdoors—hiking, biking, backpacking, skiing. That's one of the things that brought me here to Seattle; there are just so many things you can do outside that are close by. This past year I've backpacked quite a bit, snow shod in Rainier, lots of hiking, and I did a triathlon.

Synopsis: What is an interesting fact about you that many people don't know?

Yates: I started ice skating before I could walk (seriously, ask my parents). Of course this led to me to playing hockey growing up. I loved the sport as a kid and was recruited to play at several schools in college. Although I decided not to play collegiate athletics, I do still play hockey on a men's league team here in Seattle. It's great competition, a lot of fun, and great exercise.



Rob with Jenna at the Reach The Beach Century (100 mile) Ride – Portland to Pacific City, OR – for the American Lung Association fundraising ride.

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#GettingToKnowDOS—Dr. Robert Yates

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Synopsis: Do you have a favorite childhood memory?

Yates: Yes, that's easy. When I was young I had an aunt and uncle who have a farm in a really rural area outside of Montreal and my brother and I used to visit them every summer for a month or so. It was wonderful—we got to explore and play outside and it was totally safe and we just got to be kids. I love animals and I think that's where I developed my love of animals, on the farm.



Rob and Jenna in an informal curling tournament that included creating a team name (Chimney Sweeps) and coordinating outfits. Despite none of the team members having prior curling experience, they came in 2nd place and had a great time.

Synopsis: Do you have a personal goal for the coming year?

Yates: One of my big personal goals is to do a half marathon trail run. I've completed a number of organized road-races, but never a trail run. A friend of mine from college and I have our eyes set on one in Moab, Utah in November. Jenna and I did the Rock and Roll Seattle Half Marathon in June – it was a good warm up for the trail run.

Synopsis: What is your favorite social media medium?

Yates: Instagram. I'm a visual person, so Instagram lends itself to that aspect of my personality. I like everything on there from clever memes to amazing nature photography to an account dedicated to a 450 lb pet pig named Esther, owned by a guy who turned vegan after adopting her. Similar to other social media sources, I'm amazed with all the variety.

Dr. Yates can be reached at rby2@uw.edu.

Department of Surgery In the Media

Harborview uses 'Pokémon Go' in patient recovery
The Seattle Times, July 2016

Why your robotic surgeon will have a human overlord looking over its shoulder
GeekWire, April 2016

Seattle Magazine's Top Doctors 2016

Dr. Gabriel Aldea
New Clinical Practice Guidelines Recommend Use of Arteries Rather than Veins in Heart Bypass Surgery
The Society of Thoracic Surgeons, December 2015

Dr. Giana Davidson
Modernae Woman: General Surgeon Giana Davidson
Modernae.com, April 2016

Dr. Elisha Brownson, Harborview trauma and burn critical-care AY 2015–16 fellow
E-cigs are exploding in vapers' mouths, leaving gruesome injuries
The Seattle Times, February 2016

Video Shows E-Cigarette Explosion That Put Man in Hospital
NBC News, February 2016

Dr. Heather Evans
Infection? Web app piloted as post-op communication channel
UW Health Sciences NewsBeat, January 2016

Drs. David Flum and Giana Davidson
Antibiotics instead of appendectomy? UW study may be 'game changer'
The Seattle Times, March 2016

Dr. Nicole Gibran
Twisp firefighter discusses injuries, future hopes
UW Health Sciences NewsBeat, November 2015

Dr. Richard Hopper
Seattle surgeon's innovation lets 'one tough cookie' of a girl breathe normally
The Seattle Times, June 2016

Dr. Danielle C. Lavallee
How Patients' Reports On Their Health Can Help Doctors Do A Better Job
NPR, April 2016

Dr. D. Michael McMullan
Born With Three Heart Defects, Bowen is Now Thriving As He Approaches His Third Birthday
Seattle Children's Hospital—On the Pulse, February 2016

Dr. Carlos Pellegrini
Transformation of Care at UW Medicine
UW Medicine, March 2016

Dr. Tam Pham
Burns 203: Care of Your Mepilex Ag Donor Site at Home
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Department of Surgery

In the Media *Continued from page 22*

Burns 302: Groin and Hip Stretching
Burns 308: Neck Stretching
Burns 309: Face stretching

Family warns other parents after son is burned
King 5 News, February 2016

100 Hospitals with Great Heart Programs
Becker's Hospital Review October 2015

Dr. Mika Sinanan
Creating a Cancer Care Map - Part I
UW TV, February 2016

Dr. Barclay Stewart, 4th-Year General Surgery Resident
Death after surgery three times more likely in
lower-income countries
Yahoo News, May 2016

Dr. Nicholas Vedder
Plastic Surgery The Meeting 2015 - Opening Ceremonies
KING5 News, December 2015

Mercer Island girl donates \$5,000 to medics after
surviving accident
KIRO7 News, December 2015

Dr. Andrew Wright
SAGES Foregut Surgery Collaboration
SCOPE, Summer 2016

New Department of Surgery Website



The new [Department of Surgery website](#) launched June 2016. The website has a new look, contemporary features, updated information and more strongly focuses on the Department's mission. The project's team included **Judith Rapp**, **Mike Aly**, **Roland Lai**, **Kate Rimmer**, **Michael Hilleary**, **Rob Fabiano**, **Carlos Mendoza** and **Isaac Dodrill**.

The team worked with UW Creative for its new design and is currently working with Division and Center liaisons to update the site's content. Some of the new features include revamped [faculty roster page](#) and [event calendar](#) pages and new [grand round videos](#) archive page.

Seattle Magazine's 2016 Top Doctors

seattle magazine

Top Doctors 2016

Pediatric Surgery

Adam Goldin, MD, MPH
Kenneth Gow, MD
Patrick Healey, MD
Patrick Javid, MD
Robert Sawin, MD

Plastic Surgery

Joseph Gruss, MD
Nicholas Vedder, MD

Surgery

Mark Brakstad, MD
Patch Dellinger, MD
Nicole Gibran, MD
Karen Horvath, MD
Grant O'Keefe, MD, MPH
Jorge Reyes, MD
Mika Sinanan, MD, PhD

Thoracic & Cardiac Surgery

Gabriel Aldea, MD
Nahush Mokadam, MD
Lester Permut, MD
Edward Verrier, MD
Douglas Wood, MD

Vascular Surgery

Mark Meissner, MD
Benjamin Starnes, MD
Nam Tran, MD

[Read the Seattle Magazine article >>](#)

Department of Surgery Grant Activity Report

Congratulations to the following Department of Surgery Principal Investigators, who received a combined total of \$13.3 million in new awards and competing renewals in the previous quarter!



Heather Evans, MD, MS

Potrero Medical, Inc.

Physiologic signals and signatures with the Accury™ System in Intensive Care Patients

Farhood Farjah, MD

Fred Hutchinson
Cancer Research Center (FHCRC)
*Using risk-prediction to improve lung
cancer surveillance*



David Flum, MD, MPH

Patient-Centered Outcomes
Research Institute (PCORI)
*Comparing Outcomes of Drugs and
Appendectomy (CODA)*



James Park, MD

Chugai Pharmaceutical Co., Ltd.
Novel antibody-based theranostics of HCC



Jorge Reyes, MD

TransMedics, Inc.
*International Randomized Trial to Evaluate The
Effectiveness of The Portable Organ Care System
(OCS™) Liver For Preserving and Assessing Donor
Livers for Transplantation
(OCS™ Liver PROTECT Trial)*



Publications

Cardiothoracic Surgery Division

Hermesen JL, Chen JM. **Surgical Considerations in d-Transposition of the Great Arteries.** *Semin Cardiothorac Vasc Anesth.* 2015 Sep;19(3):223-32. PMID: 25918115

Hermesen JL, Smith JW, Pal JD, Mahr C, Masri SC, Dardas TF, Cheng RK, Mokadam NA. **Late Surgical Bleeding Following Total Artificial Heart Implantation.** *J Card Surg.* 2015 Aug 19. PMID: 26286927

Farjah F, Wood DE, Zadworny ME, Rusch VW, Rizk NP. **Resected Lung Cancer Patients Who Would and Would Not Have Met Screening Criteria.** *Ann Thorac Surg.* 2015 Aug 19. PMID: 26298169

Mokadam NA, Lee R, Vaporciyan AA, Walker JD, Cerfolio RJ, Hermesen JL, Baker CJ, Mark R, Aloia L, Enter DH, Carpenter AJ, Moon MR, Verrier ED, Fann JI. **Gamification in thoracic surgical education: Using competition to fuel performance.** *J Thorac Cardiovasc Surg.* 2015 Jul 26. PMID: 26318012

Farjah F, Madtes DK, Wood DE, Flum DR, Zadworny ME, Waworuntu R, Hwang B, Mulligan MS. **Vascular endothelial growth factor C complements the ability of positron emission tomography to predict nodal disease in lung cancer.** *J Thorac Cardiovasc Surg.* 2015 Aug 6. PMID: 26320776

General Surgery Division

Lange EO, Ferrari L, Krane M, Fichera A. **Ligation of Intersphincteric Fistula Tract: a Sphincter-Sparing Option for Complex Fistula-in-Ano.** *J Gastrointest Surg.* 2016 Feb;20(2):439-44. PMID: 26394877

Ehlers AP, Talan DA, Moran GJ, Flum DR, Davidson GH. **Evidence for an Antibiotics-First Strategy for Uncomplicated Appendicitis in Adults: A Systematic Review and Gap Analysis.** *J Am Coll Surg.* 2016 Mar;222(3):309-14. PMID: 26712246

Dellinger EP. **Teamwork and Collaboration for Prevention of Surgical Site Infections.** *Surg Infect (Larchmt).* 2016 Apr;17(2):198-202. PMID: 26885871

Wright AS, Khandelwal S. **Task performance in standard laparoscopy in comparison with single-incision laparoscopy in a modified skills trainer.** *Surg Endosc.* 2016 Aug;30(8):3591-7. PMID: 26823059

Faculty (Bold); Staff/Residents/Fellows (Italicized) (continued on page 25)

Publications

Continued from page 24

Pediatric General Surgery Division

Flanagan MR, Rendi MH, Gadi VK, Calhoun KE, Gow KW, Javid SH. **Adjuvant Endocrine Therapy in Patients with Ductal Carcinoma In Situ: A Population-Based Retrospective Analysis from 2005 to 2012 in the National Cancer Data Base.** Ann Surg Oncol. 2015 Oct;22(10):3264-72. PMID: 26202556

Gadepalli SK, Downard CD, Thatch KA, Islam S, Azarow KS, Chen MK, Lillehei CW, Puligandla PS, Reynolds M, Waldhausen JH, Oldham KT, Langham MR Jr, Tracy TF Jr, Hirschl RB; Association of Pediatric Surgery Training Program Directors. **The effort and outcomes of the Pediatric Surgery match process: Are we interviewing too many?** J Pediatr Surg. 2015 Nov;50(11):1954-7. PMID: 26165158

Richards MK, Yanez D, Goldin AB, Grieb T, Murphy WM, Drugas GT. **Factors associated with 30-day unplanned pediatric surgical readmission.** Am J Surg. 2016 Feb 25. [Epub ahead of print]. PMID: 26924805

Riggle KM, Riehle KJ, Kenerson HL, Turnham R, Homma MK, Kazami M, Samelson B, Bauer R, McKnight GS, Scott JD, Yeung RS. **Enhanced cAMP-stimulated protein kinase A activity in human fibrolamellar hepatocellular carcinoma.** Pediatr Res. 2016 Mar 8. [Epub ahead of print]. PMID: 27027723

Riggle KM, Turnham R, Scott JD, Yeung RS, Riehle KJ. **Fibrolamellar Hepatocellular Carcinoma: Mechanistic Distinction From Adult Hepatocellular Carcinoma.** Pediatr Blood Cancer. 2016 Mar 14. [Epub ahead of print]. PMID: 26990031

Plastic Surgery Division

Tse R, Kozin SH, Malessy MJ, Clarke HM. **International Federation of societies for surgery of the hand committee report: the role of nerve transfers in the treatment of neonatal brachial plexus palsy.** J Hand Surg Am. 2015 Jun;40(6):1246-59. PMID: 25936735

Winters BR, Mann GN, Louie O, Wright JL. **Robotic total pelvic exenteration with laparoscopic rectus flap: initial experience.** Case Rep Surg. 2015;2015:835425. PMID: 25960911

Tarabdkar N, Iorio ML, Gundle K, Friedrich JB. **The Use of Pulse Oximetry for Objective Quantification of Vascular Injuries in the Hand.** Plast Reconstr Surg. 2015 Aug 10. PMID: 26267399

Faculty (**Bold**); Staff/Residents/Fellows (*Italicized*)

Gougoutas AJ, Bastidas N, Bartlett SP, Jackson O. **The use of computer-aided design/manufacturing (CAD/CAM) technology to aid in the reconstruction of congenitally deficient pediatric mandibles: A case series.** Int J Pediatr Otorhinolaryngol. 2015 Dec;79(12):2332-42. PMID: 26574173

Birgfeld CB, Roberts S. **Discussion: Comparative Outcomes of Primary Gingivoperiosteoplasty and Secondary Alveolar Bone Grafting in Patients with Unilateral Cleft Lip and Palate.** Plast Reconstr Surg. 2016 Jan;137(1):228-9. PMID: 26710027

Trauma, Burn & Critical Care Division

McIntyre LK, Arbabi S, Robinson EF, Maier RV. **Analysis of Risk Factors for Patient Readmission 30 Days Following Discharge From General Surgery.** JAMA Surg. 2016 Jun 15. PMID: 27303913

Sood RF, Muffley LA, Seaton ME, Ga M, Sirimahachaiyakul P, Hocking AM, Gibran NS. **Dermal Fibroblasts from the Red Duroc Pig Have an Inherently Fibrogenic Phenotype: An In Vitro Model of Fibroproliferative Scarring.** Plast Reconstr Surg. 2015 Nov;136(5):990-1000. PMID: 26505702

Stewart BT, Quansah R, Gyedu A, Boakye G, Abantanga F, Ankomah J, Donkor P, Mock C. **Serial Assessment of Trauma Care Capacity in Ghana in 2004 and 2014.** JAMA Surg. 2016 Feb;151(2):164-71. PMID: 26502036

Tom LK, Wright TJ, Horn DL, Bulger EM, Pham TN, Keys KA. **A Skin-Sparing Approach to the Treatment of Necrotizing Soft-Tissue Infections: Thinking Reconstruction at Initial Debridement.** J Am Coll Surg. 2016 May;222(5):e47-60. PMID: 26968320

Parent BA, Seaton M, Sood RF, Gu H, Djukovic D, Raftery D, O'Keefe GE. **Use of Metabolomics to Trend Recovery and Therapy After Injury in Critically Ill Trauma Patients.** JAMA Surg. 2016 Jul 20;151(7):e160853. PMID: 27223119

UW Medicine

DEPARTMENT OF SURGERY

Surgery Synopsis is an in-house newsletter published on a quarterly basis to highlight the academic and research activities of the University of Washington School of Medicine Department of Surgery.

This publication is distributed to the Department's faculty, residents, staff, and friends.

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