

# WELCOME

*25th Annual*

## Layton F. Rikkers, MD Education Retreat

Optimizing the Learning Environment:  
Climate, Teaching & Mentoring

May 2, 2023 | Health Sciences Learning Center



DEPARTMENT OF SURGERY | UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE AND PUBLIC HEALTH

## Welcome to the 25th Annual Layton F. Rikkers, MD Education Retreat!

We are delighted that today, the members of our department come together with a shared mission and an afternoon devoted to learning. Our theme this year is “**Optimizing the Learning Environment: Climate, Teaching & Mentoring.**”

This annual retreat was created as an opportunity for the Department of Surgery community to learn about and honor the many educational efforts of the department. As always, the Rikkers Retreat is not simply about learning but engages us as learners. The retreat exemplifies our philosophy that learning—both professional and personal—is embedded in everything we do. Our hope is that today’s activities will prompt us to recognize ourselves as both teachers and learners and help us pay special attention to the ways in which we are always engaged in education.

We are honored to be joined by our keynote speaker, Dr. Kevin Pei, who will lead a professional development workshop on Learning Climate and the Educational Framework as well as lead our Grand Rounds on May 3rd. Our Guest Speaker this year is Dr. Andrea Schnell, who will conduct an educational session on Mentoring and Support Networks in Graduate Medical Education.

And finally, the awards: the Rikkers Education Retreat gives us occasion to recognize some of the many individuals who, in a variety of roles across the organization, continually advance our understanding and practice of surgical education.

**Welcome to the retreat!**

## Agenda

### Tuesday, May 2, 2023 | 3:00-7:15 PM

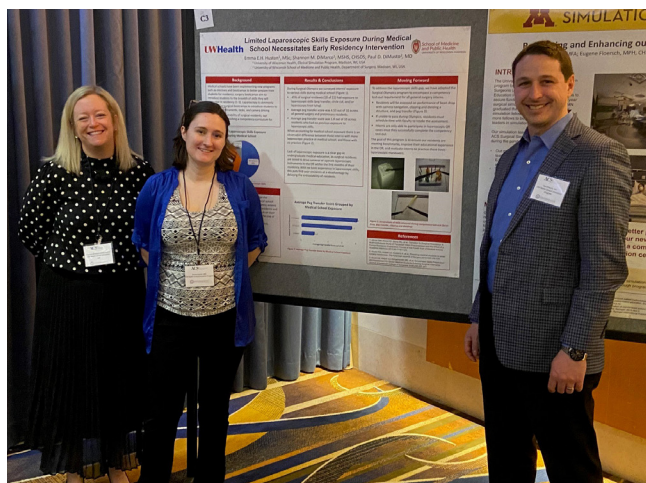
- 3:00** Professional Development Workshop with Dr. Kevin Pei  
*Learning Climate and the Educational Framework*  
HSLC 3110 B&D
- 4:30** Digital Poster, Hors D'oeuvres & Networking Session  
HSLC Atrium
- 5:15** Educational Session with Dr. Andrea Schnell  
*Mentoring and Support Networks in Graduate Medical Education*  
HSLC 1325
- 6:15** Awards & Closing Remarks  
HSLC 1325
- 6:30** Digital Poster, Hors D'oeuvres & Networking Session  
HSLC Atrium

### Wednesday, May 3, 2023 | 7:20-8:20 AM

- 7:20** Department of Surgery Grand Rounds  
*Our Journey to Entrustment in Clinical Teaching*  
HSLC 1335 / Zoom

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**Kevin Pei, MD, MHSEd, FACS**

## Kevin Pei, MD, MHSEd, FACS

This year's keynote speaker joins us from the Indiana University School of Medicine where he is an Associate Clinical Professor of Surgery. He is also Associate Chief Academic Officer and Program Director of the General Surgery Residency at Parkview Health in Fort Wayne.

Dr. Pei has expertise in faculty development in clinical teaching and received his Masters in Education from Yale University. His research interests include general surgery outcomes, reduction in surgical variation and cost containment, and supporting the development of surgical educators and optimal learning environments. Additionally, he is working to open the dialogue about bullying and civility in the workplace among surgeons.

Dr. Pei is a passionate and experienced educator and robotic general surgeon. He trained at George Washington University in Washington DC. While at the Yale School of Medicine, he served as associate clerkship director for surgery and director of surgery education in the Yale Center for Medical Simulation. He has served in multiple Graduate Medical Education (GME) roles including Program Director of the Surgical Critical Care Fellowship and Program Director of the American College of Surgeons Accredited Fellowship in Education and Simulation at Houston Methodist – Weill Cornell Medicine.

### Recent Publications

Pei, K. Y., & Klingensmith, M. E. (2023). **Ethical challenges in education research during high stakes events—can participants truly “opt-out?”**. *The American Journal of Surgery*, 225(2), 258-259.

Koprowski, M. A., Dickinson, K. J., Johnson-Mann, C. N., Godfrey, M., Diego, E. J., Crandall, M., & Pei, K. Y. (2022). **Cross-mentorship: a unique lens into the realities and challenges of diversity in surgery**. *Annals of Surgery*, 275(1), e6-e7.

Nwokedi, U., Graviss, E. A., Nguyen, D. T., & Pei, K. Y. (2022). **Work relative value units (wRVUs) undervalue the clinical effort associated with teaching cases: an ACS-NSQIP analysis**. *Journal of the American College of Surgeons*, 235(5), S76.

Dickinson, K. J., Bass, B. L., Nguyen, D. T., Graviss, E. A., & Pei, K. Y. (2021). **Public perception of general surgery resident autonomy and supervision**. *Journal of the American College of Surgeons*, 232(1), 8-15.

Pei, K. Y., Hafler, J., Alseidi, A., Slade, M. D., Klingensmith, M., & Cochran, A. (2020). **National assessment of workplace bullying among academic surgeons in the US**. *JAMA Surgery*, 155(6), 524-526.

Pei, K. Y., & Cochran, A. (2019). **Workplace bullying among surgeons—the perfect crime**. *Annals of Surgery*, 269(1), 43-44.

## About Dr. Rikkers

Dr. Layton F. “Bing” Rikkers is a native of Wisconsin and received his undergraduate degree from the University of Wisconsin (UW)–Madison. After graduating from Stanford University Medical School, he completed a general surgery residency at the University of Utah and two one-year fellowships at the Royal Free Hospital in London and Emory University in Atlanta. He spent seven years on the faculty at the University of Utah before serving as the Musselman Chair of Surgery at the University of Nebraska Medical Center from 1984 to 1996 and then the A.R. Curreri Chair of Surgery at UW–Madison from 1996 to 2008. During his 12-year tenure as surgery chair at UW–Madison, the faculty doubled in size and our National Institutes of Health ranking rose to 13th in the nation, representing a significant increase in research funding. Dr. Rikkers established the annual Resident Research Day and the annual Education Retreat. He is currently Emeritus Professor of Surgery at UW–Madison.



Layton F. “Bing” Rikkers, MD

## Retreat History

The UW Department of Surgery Education Retreat was initiated in 1998 to offer a venue in which to recognize and support the educational efforts of the Department of Surgery. Initially dedicated to improving education within the department with a focus on medical student education, the event has evolved over the years. While the information shared during the retreat was likely helpful in improving the teaching abilities of those who attended, more importantly, it was a yearly reminder that education was an essential component of the department’s mission.

In 2008, the event was named the Layton F. Rikkers Education Retreat to honor our past Chair of Surgery who held the education of medical students and residents as a high priority. The surgeons who have served as visiting professors to the retreat are a virtual “who’s who” of surgical education in the United States.

### Previous Speakers

1998 – Craig Gjerde, PhD  
 1999 – Deb DaRosa, PhD  
 2000 – Gary Dunnington, MD  
 2001 – Ajit Sachdeva, MD  
 2002 – Thomas Krummel, MD  
 2003 – Stephen R.T. Evans, MD  
 2004 – John Leeman Tarpley, MD  
 2005 – Richard K. Reznick, MD  
 2006 – Yolanda Becker, MD  
 2007 – Jo Shapiro, MD  
 2008 – Bruce L. Gewertz, MD  
 2009 – Mary E. Klingensmith, MD  
 2010 – David Rogers, MD  
 2011 – Ajit Sachdeva, MD  
 2012 – Carlos Pellegrini, MD  
 2013 – Julie Freischlag, MD  
 2014 – Frank R. Lewis, MD  
 2015 – Gerald M. Fried, MD  
 2016 – Leigh A. Neumayer, MD, MS  
 2017 – David R. Farley, MD  
 2018 – Gurjit Sandhu, PhD  
 2019 – Carol-Anne Moulton, MD, PhD, Med  
 2020 – Karen Brasel, MD  
 2021 – Division of Education Update, no guest speaker  
 2022 – Brigitte K. Smith, MD, MHPE



## Medical Student Education (UME)

### Graduation Questionnaire Results – 2022

Thank you to ALL of the faculty, residents, and staff who create a supportive and positive environment for medical students. The Surgical and Procedural Care block was ranked in the highest decile for performance nationwide this past year.

- The Department of Surgery ranked in the 90th percentile nationally for percent of students answering good or excellent when asked to “rate the quality of [their] educational experience in [their] clerkships.” 90.8% of students ranked the surgery clerkship as good or excellent, which is an increase from 2021 when 86.6% of students ranked the surgery clerkship as good or excellent.
- Although not specific to surgery, positive student perceptions of faculty professionalism increased significantly from the 2021 GQ. For example:
  - UW ranked in the 90th percentile nationally of students answering that faculty very often or

always exhibit the following behaviors:

- Respecting other specialties (80.8% of students in 2022 vs. 63.3% of students in 2021)
- Respecting patient confidentiality (97.4% in 2022 vs. 93.8% in 2021)
- Respecting house staff and physicians (92.1% in 2022 vs. 82% in 2021)

### Underrepresented in Medicine Visiting Student Scholarship

The UW Department of Surgery offered the Underrepresented in Medicine (URiM) [Visiting Student Scholarship](#) for the second year in 2022. The program intends to increase awareness of opportunities in academic medicine, encourage students from diverse backgrounds to apply to the UW–Madison residency programs, and address the underrepresentation of ethnic minorities in surgery. Five students were invited to rotate on General Surgery, Plastic Surgery, and Otolaryngology in 2022.

One student who received an URiM scholarship will be returning to the Department of Surgery as an intern in the [Otolaryngology Residency](#) – welcome back, Monet McCalla!

A graphic titled "2022 Underrepresented in Surgery Scholarship Awardees" from the University of Wisconsin Department of Surgery. It features five circular portraits of the awardees arranged in two rows. The top row has two portraits, and the bottom row has three. Each portrait is accompanied by the awardee's name, university, specialty, and visiting dates.

Name	University	Specialty	Visiting Dates
Jeff Anderson	University of Arkansas	General Surgery Awardee	10/24-11/18, 2022
Lyndsay Kandi	University of Arizona	Plastic Surgery Awardee	10/24-11/6, 2022
Monet McCalla	Ohio University Heritage	Otolaryngology Awardee	8/29-9/23, 2022
Dominique Dockery	Brown University	Vascular Surgery Awardee	8/29-9/23, 2022
Musunga Mulenga	Wright State University	Plastic Surgery Awardee	8/29-9/9, 2022

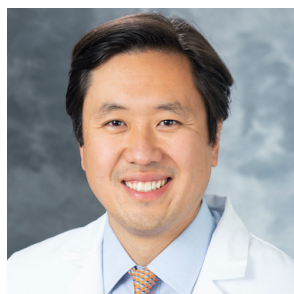
# medical student education

Thank you to the 2022 URiM application committee members: Scott Chaiet, MD; Chad Ennis, MD; Girma Tefera, MD; Courtney Morgan, MD; Dawn Elfenbein, MD, MPH; Catharine Garland, MD; Patrick Lee, MD, PhD; Betty Allen, MD; Sarah Zaza, MD; Kishan Thadikonda, MD; M. Kristine Carbullido, MD; and Sarah Larson, MS. Please reach out to [UMESurgEd@surgery.wisc.edu](mailto:UMESurgEd@surgery.wisc.edu) if you are interested in joining this committee or acting as a mentor for URiM Scholarship recipients.

## 2023 Updates to URiM Scholarship

In 2023, the scholarship has expanded its eligibility for the scholarship has been expanded to include prospective students who identify as:

- A member of a historically underrepresented group in medicine: Black/African American, Hispanic/Latinx, Native American, Alaskan Native, Native Hawaiian, Pacific Islander, and Southeast Asian (i.e. Cambodian, Hmong, Laotian, Vietnamese)
- A disabled person/person with a disability
- Socioeconomically disadvantaged
- Gender diverse, including but not limited to transgender, gender expansive, and/or nonbinary.



**Alexander Chiu, MD**  
*Director, URiM  
Scholarship Program*

The URiM Scholarship program also welcomed a new Director of the URiM Scholarship Program in 2023, Alexander Chiu, MD. Welcome Dr. Chiu!

## Phase 3 Inpatient Acting Internship Mentorship Program

A formalized mentorship program was integrated into the Phase 3 Surgery Inpatient Acting Internship. The program intends to encourage interactions and relationship building between medical students and

faculty. Students who participated in the program agreed their mentor helped them match into a desirable program and they would stay in contact with them in the future. Let Amber Shada, MD know if you are interested in mentoring medical students applying to surgical specialties in the Match.

## Division Expectations in UME

Faculty and resident volunteers are essential for the various required teaching and assessment activities within UME. The primary goal of the Division Expectations project is to increase faculty engagement in UME activities by distributing accountability in an equitable, efficient, and non-transactional manner.

## 2023 UME Team Announcements

In 2023, we welcomed new additions to our UME team. These individuals join Dawn Elfenbein, MD, Director of Medical Student Education, in leading and managing critical UME activities.

Join us in welcoming our Phase 3 Co-Directors, Lee Faucher, MD and Amber Shada, MD! Dr. Faucher was appointed as the Medical Student Mentorship Lead, and will be offering guidance and academic support to medical students interested in applying to surgical specialties. Dr. Shada was appointed as the Inpatient Acting Internship (IAI) and Internship Preparation Course (IPC) lead, and will be directing the educational curriculum for the IAI, IPC, and clinical electives.

## Phase 3 Co-Directors



**Lee Faucher, MD**  
*Phase 3 Medical Student  
Mentorship Lead*



**Amber Shada, MD**  
*Phase 3 IAI & IPC  
Courses Lead*

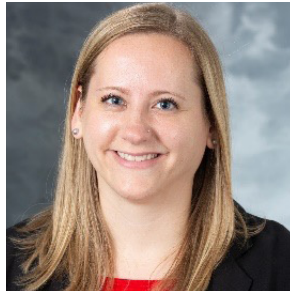
# medical student education

In 2023, we also welcome two new administrators of UME. Helen Boldt joined the Department of Surgery in January 2023 as the Medical Student Education Coordinator. Helen will be managing the Phase 2 Surgical and Procedural Care course. Kelli Kline joined the Department in April 2023 as the Medical Student Program Manager. Kelli will be managing Phase 3 Surgery Courses and administratively leading the UME program. Welcome Helen and Kelli!

## Administrative Team



**Helen Boldt**  
Medical Student  
Education Coordinator



**Kelli Kline**  
Medical Student  
Education Manager

Lastly, our UME team and those committed to teaching medical students have been busy winning local and national awards as it relates to UME!

■ **Sarah Larson** was selected as the recipient of the *ASE Clerkship Coordinator Recognition Award*! This remarkable award is given annually by the Association for Surgical Education to one undergraduate surgical education clerkship coordinator who best exemplifies excellence in the support and management of the surgery clerkship program at their institution.

■ **Dr. Dawn Elfenbein** received three awards this year:

- *2023 Dean's Teaching Award*, University of Wisconsin-Madison School of Medicine and Public Health: The Dean's Teaching Award is awarded to faculty whose career is distinguished by creativity

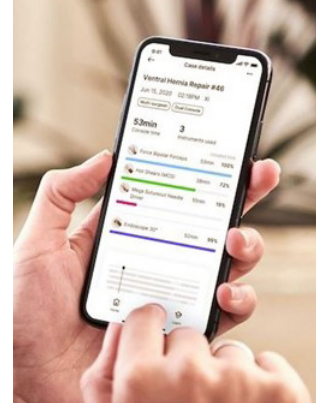
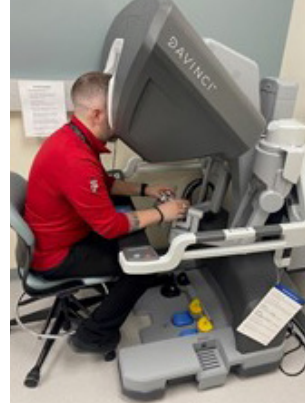
in medical education, a demonstrated high level of teaching effectiveness, and extraordinary and sustained dedication and effort on behalf of health professional student learning.

- *Outstanding Program Direction Award, UW Health Simulation Program*, UW–Madison: Simulation Center staff give this award to the faculty member who best incorporates simulation into their larger education program, adding new modules, consistently updating, and finding new ways to use hands-on simulation to meet learning objectives for students.
  - *Wisconsin Medical Alumni Association's Clinical Science Teaching Award for Madison*, UW–Madison: The Wisconsin Medical Alumni Association (WMAA) bestows teaching awards annually to individuals who are highly regarded by medical students for their teaching skill in the following three areas: 1) clinical teachers in each of the SMPH teaching locations: Green Bay, La Crosse, Madison, Marshfield, and Milwaukee; 2) an outstanding resident; 3) a distinguished instructor in Phase 1 of the SMPH ForWard Curriculum.
- **Dr. James Barrett** was selected by a vote of 4th-year medical students to receive the *2023 Wisconsin Medical Alumni Association's Outstanding Resident Teaching Award*! The WMAA's announcement read, "Dr. Barrett is known among students for his advocacy for medical student education, and his ability to create learning opportunities that are tailored to individual interests," and one 4th-year med student noted, "Dr. Barrett has struck on a simple yet profound insight: that you can revolutionize a grueling, unforgiving, and intense service by choosing to be kind."



# Robotics Program Growth

The General Surgery residency has been focused on growing our robotics program and training based on feedback from the residents and the trajectory of the industry. We now have 2 dual console Xi robots in the main OR and a simulator console in the sim lab with 24/7/365 access for residents. With that, we have started integration of the My Intuitive app to include the simulator performance data together with OR case data for all for all trainees, enabling attendings to more easily see the progress residents are making both in robotic simulation and during robotic OR cases.



Our Surgery residents attend multi-institutional education sessions together with the Milwaukee and Chicago area residencies to work on robotic colectomy, gastrectomy, and inguinal hernia repair in a syndaver model system.

The Department of Surgery has partnered with Sumer Wallace, MD, an Assistant Professor in the Department of Obstetrics and Gynecology to streamline the fundamental robotic curriculum to unify the basics taught across all surgical subspecialties. This will allow us to expand robotic educational session offerings with our colleagues in Urology, Gynecology, and Plastic Surgery.

# Rural Surgery Update



**Karen Reynolds, MD**

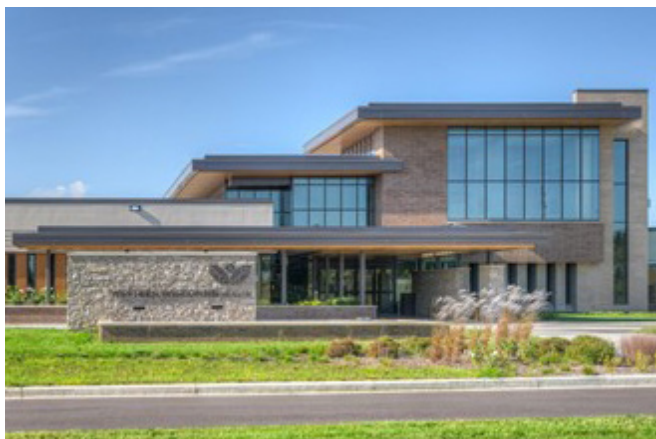
The General Surgery residency would like to extend the most whole-hearted “Thank you” to Dr. Karen Reynolds and our partners at SSM Health Waupun Memorial Hospital. Dr. Reynolds was integral to the development of our rural track and jumped on board to be our first site along with Neenah when we began our rural residency in 2014.

“Karen was instrumental in getting our now very successful

rural residency off the ground,” said Dr. Ann O’Rourke, program director for the Wisconsin General Surgery Residency. “And without her leadership and mentorship our rural residency would not be the success that it is. We are eternally grateful to her for her leadership and willingness to be in on the ground floor of a new program.”



# resident education



In light of Waupun rotating their last resident in the 2023-2024 academic year (hopefully just for now), we went out in search of an additional rural site. We are thrilled to announce our new partnership with Western Wisconsin Health in Baldwin, Wisconsin!

Western Wisconsin Health is a Critical Access Hospital and Level IV Trauma Center with 15 beds. The hospital performs approximately 300 surgical operations annually. Our residents will work closely with Western Wisconsin Health's Surgical Director, Dr. Peter Dahlberg, MD, PhD all while getting involved in the Baldwin community.

## APDVS VISIT Trial

The Vascular Surgery Residency participated in the Association of Program Directors in Vascular Surgery (APDVS) VISIT study during the residency recruitment season this year. Programs in the study completed virtual interviews and locked their rank list before hosting an optional in-person visit to all interviewed candidates. This gave candidates the chance to visit programs if they wished without impact to their position on the program's rank list. Visits were scheduled ahead of the applicant rank list deadline to give them the opportunity to adjust their rank lists based on the interactions they had with programs. Twenty programs in total participated in this study.

Our program hosted a dinner event downtown to give candidates the opportunity to visit with current residents and faculty. We did not include a hospital tour due to COVID-19 restrictions that were still in place. We had 10 residents and faculty members and 3 candidates join us. The event was well received by all who attended.

Preliminary study results were recently reported based on responses from 19 program directors and 47 applicants. Twenty-one percent of applicants reported moving a program higher on their list, while 9% reported moving a program lower on their list based on the in-person visits. The esprit de corps of the program, having the chance to meet people in person, and the physical setting of the program were the top reasons for an applicant moving a program on their list. Interestingly, participants were split on the future of interviews, with half of the applicants and program directors recommending returning to in-person interviews in the future.

## UAB Visiting Scholars Program

In conjunction with Resident Research Day, a collaboration with the University of Alabama at Birmingham (UAB) will provide research residents the opportunity to swap institutions during their resident research days. Drs. Jocelyn Zajac and Clayton Marcinak were selected from an abstract review to represent UW-Madison at UAB the week of April 18, 2023.

### Jocelyn Zajac, MD

**Title:** *Fluorescence Guided Surgery in Burns: Initial Results from a Pilot Study*

**Authors:** Jocelyn Zajac, Aiping Liu, Sameeha Emira Hassan, Angela Gibson

**Mentor:** Angela Gibson, MD, PhD

### Clayton Marcinak, MD

**Title:** *Blood Based Detection of Pancreatic Cancer Using Analysis of Fragmentation Patterns in Cell-Free DNA*

**Authors:** Clayton Marcinak, Bradon McDonald, Michelle Stephens, Karan Budhraja, Everlyne Nkadori, Stephanie McGregor, Sharon Weber, Rebecca Minter, Muhammed Murtaza

**Mentor:** Muhammed Murtaza, MBBS, PhD

## Fellow Innovation - Creating an Interdisciplinary Education Curriculum



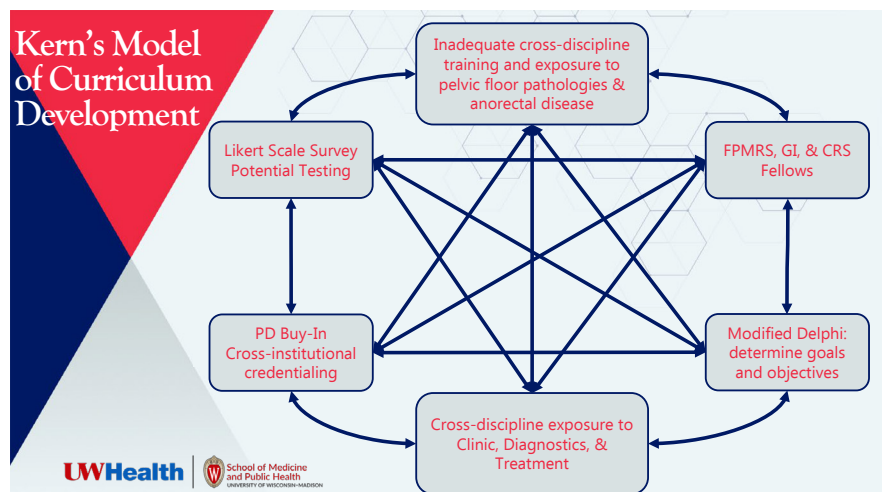
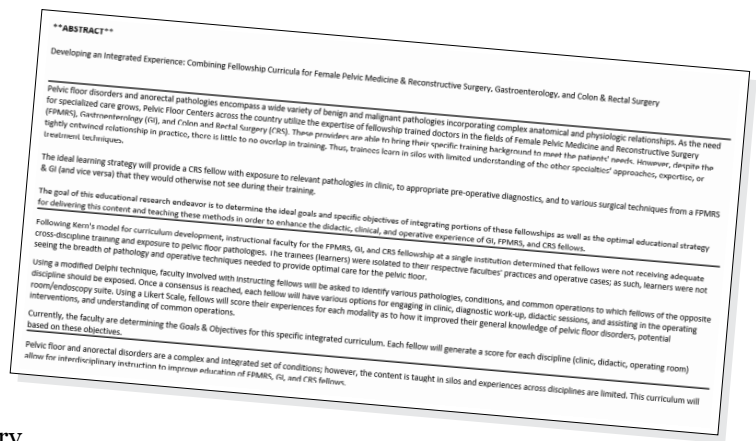
Stephen Ranney, MD  
Colon & Rectal Surgery Fellow

### Colon and Rectal Surgery

Fellow, Dr. Stephen Ranney, is taking full advantage of his one-year fellowship by developing a curriculum focused on improving interdisciplinary pelvic floor education at the UW. An idea formulated by Dr. Ray King and Dr. Christine Heisler, Dr. Ranney has led the development and writing of the project. Dr. Ushma Patel, Female Pelvic Medicine and Reconstructive Surgery Fellow, will help develop this more as the project progresses.

**Summary of project:** *The UW is uniquely poised to take advantage of two of its post-residency training programs by creating an interdisciplinary education curriculum focusing on pelvic floor disorders and anorectal pathologies. The*

*Female Pelvic Medicine and Reconstructive Surgery (FPMRS) Fellowship and Colon and Rectal Surgery Fellowship are collaborating to create a multifaceted educational plan aimed at improving the training for both specialties. Utilizing Kern's Six-Step Approach to curriculum development, the current fellows have identified several core topics from each specialty to teach one another with the goal of improving knowledge and understanding of the conditions' pathologies and treatments as well as increase the trainee's confidence in diagnosing and managing these selected topics. The content will be delivered in a combination of didactics sessions and active learning (or flipped classroom) style case discussions. Once the content has been delivered, faculty will 'host' the fellow from the alternate specialty in clinic and in the OR to help further the trainee's hands-on experience. Once this is completed, we will evaluate the impact on the fellowships as well as the perceptions of the trainees and faculty. Given the need for well-trained specialists at the growing number of Pelvic Floor Centers around the country and the increasing need for collaboration between specialties, this curriculum should help our trainees understand better the complex relationship of many pelvic floor disorders and anorectal disorders.*





## Enhancing Fellow Experience through Multi-Institutional Didactic Collaboration



**Kaitlyn Kelly, MD, MAS**  
Associate Program Director,  
UW Complex General Surgical  
Oncology Fellowship Program

Identifying a gap in fellow-centered didactic curriculum, newly appointed Associate Program Director of the UW Complex General Surgical Oncology (CGSO) Fellowship Program, Dr. Kaitlyn Kelly, leveraged local connections to help plan a collaborative

fellow didactic experience with Aurora Health Care in Milwaukee. Dr. Kelly, Dr. Sharon Weber, and Milwaukee Aurora CGSO Fellowship Program Director Dr. Wesley Papenfuss met earlier this academic year to work together to elevate the didactic experience of not only UW CGSO fellows, but the Aurora CGSO fellows as well. Since the meeting, Dr. Papenfuss and Dr. Kelly have generated a two-year curriculum that includes surgical oncology-based content taught by faculty from both Aurora and UW. Sessions are held on Mondays virtually and have included topics such as: “Neoadjuvant Therapy and Melanoma,” “Principles of Radiation Therapy,” and “Cytoreductive Surgery.”

UW and Aurora faculty, residents, advanced practice providers, and staff interested in surgical oncology have also been encouraged to participate. These multi-institutional connections provide a great opportunity for networking as well as integration of diverse educational perspectives into fellow training experiences.

These efforts have been recognized by current fellow Dr. Roberto Vidri: “The combined education conference, with the Aurora surgical oncology service and fellows, has contributed greatly to my knowledge base and management of patients. They have been very welcoming and inclusive.”

Dr. Kelly has continued to reach out to program leadership at other regional CGSO Fellowship programs (such as the University of Chicago) in order to continue building these essential multi-institutional connections and benefiting fellow educational experiences.



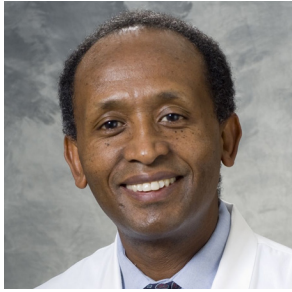
## Simulation Education

New this academic year, all interns are required to demonstrate proficiency in simulated basic laparoscopic skills prior to performing them in the OR. Interns are paired with a faculty mentor to prepare for their laparoscopic skills test out. The interns are taught four skills, then have to practice on their own until they consistently meet the proficiency target. They then get signed off by their mentor via a test out.

We have continued to refine the Surgical Olympics program, and in the 2023 academic year, the intern laparoscopic skills tests will be incorporated into the Surgical Olympics. The Surgical Olympics will also be expanded to include the PGY 2 class and consist of trauma and ICU skills. Dr. Nikki Werner is creating a new chest tube simulator to facilitate this testing. Finally, Dr. DiMusto was awarded a Department of Surgery grant for a pilot project to begin using computer algorithms for assessment by analyzing video of the participants doing the open skills and validating them against the human raters. Data from last year's Surgical Olympics led to 3 abstract presentations: 1 at the International Meeting on Simulation in Healthcare and 2 at the American College of Surgeons Simulation Summit.

The Department purchased two ATLAS kits for our FLS boxes to begin to incorporate advanced laparoscopic skills simulation into the curriculum ([atlas.surgicaleducation.com](https://atlas.surgicaleducation.com)) and also acquired a DaVinci surgical robot simulator that is available in the 24-hour access room. Finally, the Division of Otolaryngology completed an ergonomics session in the simulation program, which we are looking to expand to other training programs in the Department.





**Girma Tefera, MD**  
*Vice Chair of Global Surgery*

## Department of Surgery Global Surgery Program

The Department of Surgery Global Health Outreach initiatives span several continents. Currently, the Department of Surgery has developed partnerships in Ethiopia, Vietnam, Kenya, Egypt and Honduras. This global surgery program centered around the Wisconsin Idea, spans beyond Wisconsin.

We strive to create a global learning environment where patient care, research, and innovation are shared goals. COVID-19 disrupted travel-related global surgery activities; however, the pandemic is now under better control with immunization. We are looking forward to international engagement in the new academic year.

## Global Surgery Collaboration

The Committee on Trauma at the American College of Surgeons (ACS) has given permission to develop an Adult Trauma Life Support Training program at Hawassa University in Ethiopia. With support from a Baldwin Grant, we are proceeding with our plans to develop this trauma training center. The UW–Madison Baldwin grant, named after Ira and Ineva Reilly Baldwin, supports the development of projects that advance the Wisconsin Idea. We are honored to have this initiative selected for support by the Baldwin Grant acknowledging the positive impact a Trauma Training facility can have.

The first ATLS training program was delivered February 13-23, 2023.



**Addis Ababa, Ethiopia**



## General Surgery



Kristin Long, MD, MPH

**Dr. Kristin Long** has been spearheading the online didactic sessions for Hawassa General Surgery residents in the context of the Hawassa American College of Surgeons (ACS) Hub Collaboration. She is also one of the leaders in the newly organized Association for Academic Global Surgery.



Migori, Kenya



Syed Nabeel Zafar,  
MD, MPH

**Dr. Nabeel Zafar** has successfully led the design and implementation of an mHealth based data collection tool to build a peri-operative registry at Hawassa University. This project is now in its pilot phase with over 6 months of data and has prospectively collected information on over 200 patients.



Thomas Diehl, MD, CM

**Dr. Thomas Diehl**, a general surgery resident, recently returned from a Fogarty Global Health Fellowship in Kigali, Rwanda. His research there focused on developing a prospective neonatal surgical outcomes database to create multidisciplinary care bundles and develop transferable protocols for neonatal perioperative and critical care in resource-limited settings.



Hawassa, Ethiopia



Kigali, Rwanda

## Otolaryngology

The division of otolaryngology recently completed a global otolaryngology surgical trip to La Ceiba, Honduras. In collaboration with Dr. Rigoberto Tabora of La Ceiba, Honduras a team of members from the University of Wisconsin and the University of Nebraska provided care to approximately 200 Hondurans from the region. Dr. Mike McDonald has led this trip and collaboration over the last 20 years and this has expanded into a trip providing audiology screening and hearing aid distribution as well as medical and surgical cares for otolaryngology illnesses. The team performed approximately 30 surgical cases over a 5-day period including thyroidectomy for goiters, endoscopic sinus surgery for advanced nasal polyposis, tympanoplasty and tympanomastoidectomy for chronic otitis media and cholesteatoma and removal of benign neck masses

including lipomas and thyroglossal duct cysts. More than 100 hearing aids were distributed as part of a philanthropic effort from the Starkey hearing aid company. Additionally, consultation with local general surgeons, surgical oncologists and medical oncologists regarding head and neck cancer cases was undertaken. We are grateful for the collaboration with Dr. Rigoberto Tabora who screens patient prior to our trip and assists with their post-operative management. An otolaryngology chief resident, Dr. Sarah Rosen, participated in this global surgery trip and enjoyed a busy week of clinical work. We also worked in collaboration with a local bilingual high school who provided seniors with the opportunity to assist in translation. This was done with oversight by their teachers at the institution.



Dr. Sarah Rosen (pictured in both photos)  
La Ceiba, Honduras



## Plastic Surgery

For over 3 decades, the Division of Plastic Surgery has partnered with surgeons and institutions around the globe in an effort to establish and support training within our specialty. Experiences focus on creation of sustainable longitudinal educational opportunities and resources to enable high-level training with each partner site at a local level. Bidirectional conferences (even before the rise of Zoom), sharing of online resources, and bidirectional in-person visits facilitate continued competency and foster the ongoing personal relationships our division values. While the educational content spans the breadth of Plastic Surgery, we emphasize elements that address the maladies that most commonly present to our partners, such as congenital malformations, burns, cancer reconstruction, and trauma reconstruction. As

Global Surgery efforts have restarted following the pandemic, our teams have visited Egypt, Vietnam, and Nepal. At each of these sites, our staff has provided lectures, anatomy labs, and assisted in cases ranging from complex extremity reconstruction to breast care, aesthetics, and congenital malformations. Recently, Dr. Poore and Dr. Zhang, along with a resident team, traveled to South Africa to provide training in microsurgical reconstruction. In cooperation with the American Council of Academic Plastic Surgeons and the countries making up the College of Surgeons of East, Central, and Southern Africa, we will be participating in a collaborative training site in Rwanda. It is the hope that participation at this site by multiple programs around the US will enable a degree of continuity in teaching throughout the year.



**Dr. Samuel Poore**  
Hanoi, Vietnam



**Hanoi, Vietnam**



## Vascular Surgery

Since 2016, the Division of Vascular Surgery at the University of Wisconsin has developed a global health partnership with the Addis Ababa University Department of Surgery in Ethiopia. With the leadership of Professor Nebyou Seyoum, this partnership has been critical in introducing vascular surgery in Ethiopia and in further developing the Vascular Surgery Fellowship program. This fellowship program remains unique in the eastern Africa region. The fellowship program has graduated three fellows and has currently enrolled four. The faculty from the UW Division of Vascular surgery have traveled Addis Ababa to teach and provide support. After a pause during COVID, the international rotation to Addis Ababa for our 4th year Vascular Resident and 1st year Vascular Fellow will resume this academic year.

## Future State: Global

Consistent with the Department of Surgery strategic planning process, the Global Surgery workgroup is laying the foundation for the development of the Global Surgery Center. This center will strive to serve all surgical disciplines, as well as anesthesia, and other entities within the surgery ecosystem. The goal of the Global Surgery Center is to create a collaborative environment in which excellence and innovation in global surgical education and practice are championed.



Addis Ababa, Ethiopia



Visited **University of Utah** January 9-11, 2023  
to discuss operational strategies including operations,  
grant management, and strategies for growth

## Departmental Grand Rounds

Implemented in September 2022, “Departmental Grand Rounds” brings together all divisions in the Department of Surgery to participate in a monthly forum aimed to highlight topics applicable across specialties. This gathering presents an opportunity to highlight our visiting professors and experts in various areas of surgery. This year’s departmental talks included:

<b>Eugene “Chip” Foley, MD</b> Visiting Professorship	<b>Edward Lee, MD</b> <i>Paul E. Francis Chair of Colon and Rectal Surgery</i> <i>The Morris Alpert Professor of Surgery Chief</i> <i>Albany Medical College</i>	“Update on Surgical Management of Crohn’s Disease”
<b>DEI Visiting Professors</b>	<b>Fatima Cody Stanford, MD</b> <i>Associate Professor of Medicine and Pediatrics</i> <i>Equity Director</i> <i>Massachusetts General Hospital Endocrine Division</i>	“Racism: My Life Story and How to Address in Medicine & Surgery”
	<b>MCW Hospital-Based Violence Interruption Program Team</b> <i>Terri deRoos-Cassini, PhD, MS; David Milia, MD; Reggie Moore</i> <i>Medical College of Wisconsin</i>	“Community and Hospital Based Violence Prevention and Intervention: A collaborative Approach”
<b>Louis C. Bernhardt Visiting Professor</b>	<b>Chris Ellison, MD</b> <i>President-Elect, American College of Surgeons (ACS)</i> <i>Robert M. Zollinger Professor of Surgery Emeritus</i> <i>The Ohio State University</i>	“Innovation in General Surgery”
<b>Chief Resident Speaker Choice</b>	<b>Chethan Sathya, MD</b> <i>Associate Medical Director, Trauma and Pediatric General and Thoracic Surgeon (Cohen Children’s Medical Center)</i> <i>Director, Center for Gun Violence Prevention (Northwell Health)</i>	“Gun Violence Prevention, Advocacy, and the Power of Storytelling”
<b>Bill and Sandy Turnipseed Visiting Professor</b>	<b>C. Keith Ozaki, MD</b> <i>John A. Mannick Professor of Surgery</i> <i>Brigham and Women’s Hospital</i>	“Gone reSearchin’”
<b>Anesthesia Joint Grand Rounds &amp; Global Surgery Visiting Professor</b>	<b>Abebe Bekele, MD</b> <i>Dean of the School of Medicine, University of Global Health Equity (UGHE)</i> <i>Professor, Addis Ababa University and University of Rwanda</i>	“Surgical Education in Africa”
<b>Layton F. Rikkers Visiting Professor</b>	<b>Kevin Pei, MD</b> <i>Associate Clinical Professor of Surgery</i> <i>Program Director, General Surgery Residency</i> <i>Indiana University School of Medicine</i>	“Our Journey to Entrustment in Clinical Teaching”
<b>Resident Research Day</b>	<b>Department of Surgery Trainees</b>	Research conducted in academic year 2022-2023

## Intranet Revamp – a Source for CME Requirements

Our new intranet looks great! Housed on the CME page is a chart that outlines CME requirements here in Wisconsin and in our neighboring states, where our clinicians may be practicing. Learn more about specific CME requirements and browse the many CME opportunities offered to help you meet those requirements.

## Growing our CME Portfolio

### In-person Multi-Day Courses

We look forward to welcoming back our big courses and opportunities for you to be course directors! Courses such as our Obesity Summit and Current Topics in General Surgery continue to make a positive impression and engage with regional and sometimes international participants. Our goal is to work together to offer more opportunities for continuing education to practicing healthcare individuals both regionally and beyond.

### Regularly Scheduled Series (RSS)

The Department of Surgery is leading in the number of regularly scheduled series (RSS) opportunities we provide to our multi-disciplinary teams here at UW–Madison! RSS is a live activity planned as a series with multiple, ongoing sessions, offered weekly, monthly, or quarterly. The department currently has seven RSS offerings for credit:

- Otolaryngology M&M
- Pediatric Airway Conference
- Surgery Grand Rounds
- Cochlear Implant Program Case Conference
- Current Topics in Surgery
- Otolaryngology Grand Rounds
- Otolaryngology Community Forum

There are many other series happening in the department! If you have a course or CME idea, or would like to provide CME credit to an existing conference, email **Veronica Watson** ([Watsonv@surgery.wisc.edu](mailto:Watsonv@surgery.wisc.edu)).

### CME Credit Requirements

CME credit requirements vary by state - learn more about specific CME requirements and browse the many online CME opportunities offered to help you meet those requirements at [edhub.ama-assn.org/state-cme](https://edhub.ama-assn.org/state-cme).

Below is an overview and links to free internal CME opportunities through the [Interprofessional Continuing Education Partnership](#).

- Wisconsin

#### State Credit Requirement

Wisconsin physicians are required to complete 30 hours of AMA PRA Category 1™ and/or AOA Category 1 CME credits per licensure cycle.

#### Licensure Cycle

Biennium—beginning Jan. 1 of even-numbered years through Dec. 31 of odd-numbered years

#### Additional Details & Requirements

- Physicians must complete 2 credit hours of approved CME in the topic of responsible opioid prescription.
- Physicians who do not hold a U.S. Drug Enforcement Administration number to prescribe controlled substances are exempt from this requirement.
- More than 20 CME credits can be earned in any subject area.

#### Internal Course Options

- [AMA PRA Category 1 Credit™ Credits](#)
- [Opioid Credits](#)

#### Helpful Resources

<https://edhub.ama-assn.org/state-cme/Wisconsin>

+ Illinois

+ Minnesota

+ Iowa

## Education Research

There has been a lot of exciting surgical education research happening since the last education retreat! Here is a sample of the scholarship happening in our department over the last year, much of it driven by our fantastic students, residents, and fellows. The departmental portfolio of surgical education research spans the continuum of medical education, from high school students to faculty and other healthcare practitioners, and much of it has a focus on health equity and educational inclusiveness.

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## Education Awards

### Medical Student Teaching Awards

#### Layton F. Rikkers Faculty Award for Medical Student Education

2010	Bruce Slaughenhaupt
2011	Rebecca Sippel
2012	Louis Bernhardt
2013	Michael Bentz
2014	Jacquelynn Arbuckle
2015	Chip Foley
2016	Jennifer Steiman
2017	Jacob Greenberg
2018	Evie Carchman
2019	Amber Shada
2020	Greg Hartig
2021	Lee Faucher
2022	David M. Melnick

#### Dean's Teaching Awards

1997	Diane Heatley
2007	Yolanda Becker
2010	Bruce Slaughenhaupt
2010	Gretchen Schwarze
2012	Rebecca Sippel
2014	Louis Bernhardt
2016	Michael Bentz
2017	Ann O'Rourke
2019	Neil Salyapongse
2023	Dawn Elfenbein

#### Dean's Award for Excellence in Student Research Mentorship

2010	Herbert Chen
2013	Gregory Kennedy
2016	Rebecca Sippel
2022	David Jarrard

### General Surgery Resident Teaching Awards

#### Chief Award to Faculty for Teaching

*Selected by chief class as the best faculty teacher*

2009	Chip Foley
2010	James Orr
2011	Jim Maloney
2012	Mike Garren
2013	Jacob Greenberg
2014	Peter Nichol
2015	Charles Leys
2016	Kenneth Kudsk
2017	Evie Carchman
2019	Ann O'Rourke
2020	Jacob Greenberg
2021	John Scarborough
2022	Evie Carchman

#### Louis Bernhardt Resident Teaching Award

*Awarded to faculty who has made significant contribution to the educational mission of the General Surgery Residency Program*

2013	Clifford Cho
2014	Ann O'Rourke
2015	Suresh Agarwal
2016	Jennifer Steiman
2017	John Scarborough
2018	Roland Vega
2019	David Melnick
2020	Adam Brinkman
2021	Eugene "Chip" Foley
2022	Amber Shada

#### Layton F. Rikkers Chair Teaching Award

*Awarded to faculty for educational excellence based on resident evaluations*

2013	Lee Wilke
2014	Rebecca Sippel
2015	Chip Foley
2016	Lee Faucher
2017	David Foley
2018	Joshua Mezrich
2019	Tony D'Alessandro
2020	Eugene "Chip" Foley
2021	Cristina Sanger
2022	Angela Gibson

*Continued*



## General Surgery Resident Awards

### Ben Lawton Award

*Awarded to the chief resident with the best overall medical student score over the course of their residency*

2009	Chirag Dholakia
2010	Erik Johnson
2011	Joshua Hermsen
2012	Aaron Chalmers
2013	Andrew Russ
2014	Ari Reichstein
2015	Laura Fischer
2016	Patrick Shabino
2017	Sara Holden
2018	Ryan Shmocker
2019	Lane Frasier
2020	Becca Gunter
2021	Joseph Imbus
2022	Devon Livingston-Rosanoff

### Resident Teacher and Leader Award

*Selected by residents and awarded to the General Surgery resident who best demonstrates the virtues of teacher and leader*

2013	Andrew Russ
2014	Ari Reichstein
2015	Adam Brinkman
2016	Patrick Shabino
2017	Michael Nabozny
2018	Ryan Shmocker
2019	Tiffany Zens
2020	Jay Nathwani
2021	Sebastian Danobeitia
2022	Annie Dunham

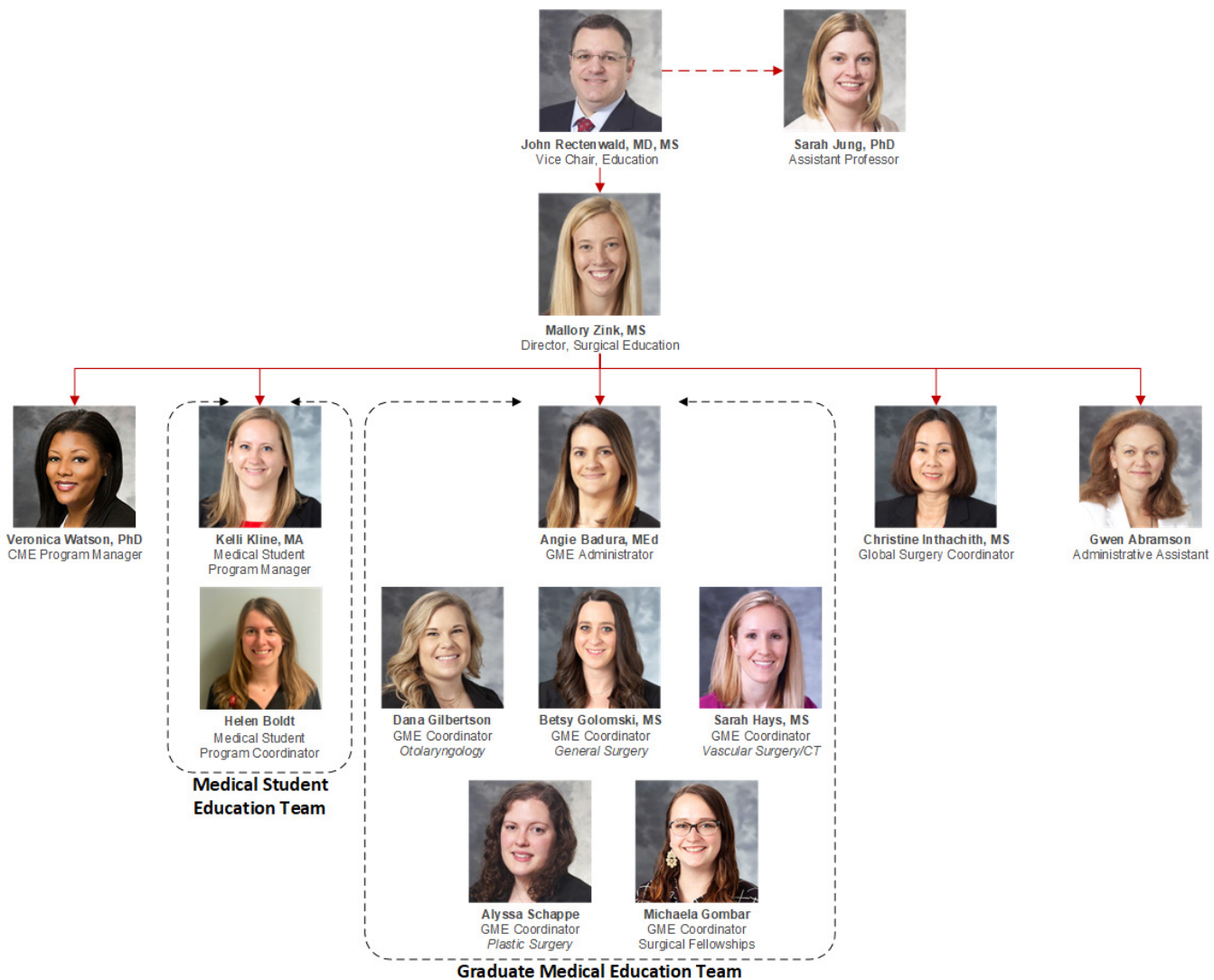
## 2022 Annual Resident Teaching Awards

*Given to a PGY-3 or PGY-4 involved in clinical teaching in the Third Year Surgery Clerkship and based on medical students' evaluations and focus group comments*

- Taylor Aiken (General Surgery)
- Elle Kalbfell (General Surgery)
- Sarah Rosen (Otolaryngology)
- Eamon Bernardoni (Orthopedics)
- Eric Lee (Orthopedics)
- Kylie Edinger (Plastic Surgery)
- Rachael Sherrer (Urology)
- Laura Wolf (Vascular Surgery)

## Our Team

The Division of Education experienced exciting growth over the last year and we cannot thank its members enough. We have a talented team dedicated to surgical education and look forward to the continued growth we have in store for the years to come.





**Department of Surgery**  
UNIVERSITY OF WISCONSIN  
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