



OpReport

The quarterly newsletter of the Stanford University General Surgery Residency Program for members, faculty, alumni and friends.

A Quarterly Newsletter

Volume 3 Spring, 2014

Recognition for Tom Krummel

A final note from the chair and the Hewlett Award.

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Residency Match

Stanford does well once again in the residency match.

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Longaker honored by the ACS

The Surgical Forum in 2015 will be dedicated to Mike Longaker.

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Stanford leads in education

Honors from the ASE for Lau and Liebert highlight our most important mission.

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Recognition for faculty and residents

The continuing string of awards highlight the strength of Stanford.

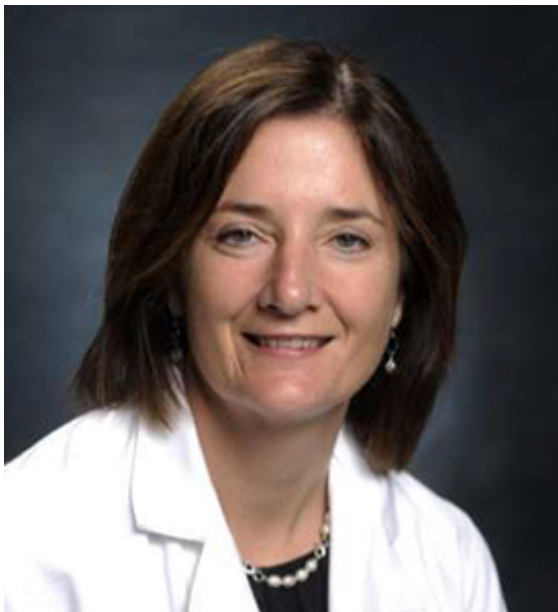
Page 4, 5 and 9

National visibility

Faculty, residents and alums continue to be highly active in academic circles.

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Mary Hawn, MD, MPH announced as Chair of Surgery



Mary Hawn, MD, MPH has been selected as the next Chair of Surgery at Stanford University. She is currently Professor and Chief of GI Surgery and Vice Chair of Quality and Clinical Effectiveness at the University of Alabama, Birmingham. Dr. Hawn went to medical school at the University of Michigan where she also did her surgical residency. This was followed by a fellowship in minimally invasive surgery at the Oregon Health Sciences University. Her research work has focused on surgical quality and effectiveness and is federally funded.

In addition to her academic accomplishments, she has also held multiple national leadership roles including Chair of the ACS Surgical Forum Committee, membership on the ACS Board of Governors, and editorial board positions on some of the major surgical journals including *Annals of Surgery* and *JACS*.

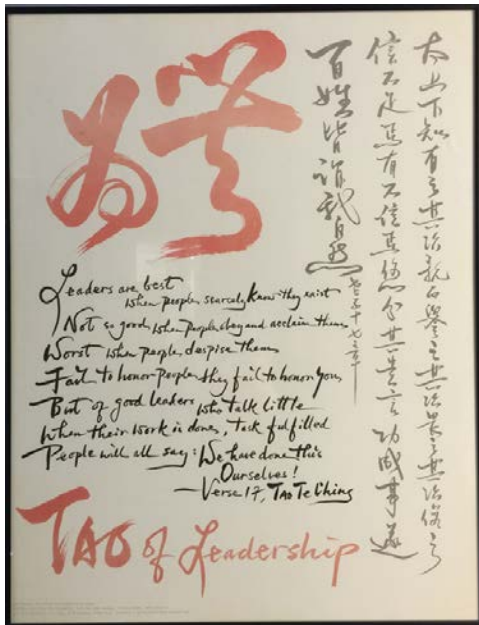
Dr. Hawn has already begun working with members of the department in multiple facets of the program, and will assume the Chair full-time in July.

FROM THE CHAIR

Dear Colleagues,

It is a privilege to offer a quick and final commentary on the Department of Surgery as I wrap up 16 years as your Chairman.

Many of you will remember seeing the poster entitled "The Tao of Leadership" hanging outside my office. It nicely captures my thoughts about the role over the years. My sincere thanks and gratitude to all - it has been a helluva good ride.



Sincere congratulations to all of the staff, students, trainees, and faculty for your accomplishments over the past 16 years.

Best wishes,

Tom Krummel

Tom

Krummel, MD

Emile Holman Professor and Chair

Department of Surgery

Susan B Ford Surgeon-in-Chief at LPCH

Stanford University School of Medicine

Tom Krummel awarded Hewlett Award



Dr. Tom Krummel, Emile Holman Chair of Surgery and Susan Ford Surgeon-in-Chief of the Lucile Packard Childrens' Hospital was presented the Albion Walter Hewlett Award by Dr. Robert Harrington, Chair of the Department of Medicine at Stanford University on March 4, 2015 during Grand Rounds for the Department of Medicine. In keeping with his focus on innovation, Dr. Krummel's address was entitled, "The Best Way to Predict the Future...is to INVENT it." Many members of the Stanford surgical community were present in the audience to honor this accomplishment by Dr. Krummel.

In the award announcement, Dr. Krummel was cited for serving "as the Chairman of the Department of Surgery for over 15 years leading it from a relatively small department to one of the most prominent and innovative surgical departments in the country. Tom is an outstanding clinical surgeon, inspirational leader, superb scientist and dedicated teacher /

mentor, all core attributes of Hewlett Award winners."

The Hewlett Award is given annually by the Department of Medicine to honor an exceptional physician with ties to Stanford. It is named after Dr. Albion Walter Hewlett, Professor and Executive Head of the Department of Medicine from 1916-1925.

Dr. Krummel joins a stellar list of Stanford surgeons who have won the award, and they represent practically every major surgeon in modern times. Past recipients include Drs. Norman Shumway, Robert Chase, James Mark, Harry Oberhelman and Oscar Salvatierra. Each of these individuals have contributed substantively at both the local and national arena in academic surgery, and they represent the outstanding legacy of Stanford Surgery. Our congratulations go to Dr. Krummel in thanks for the work he has done in crafting the modern Stanford Department of Surgery.



2015 Residency Match Results

Categorical PGY1



Kovi Bessoff, MD, PhD
University of Vermont



Deshka Foster, MD
Drexel University



Raja Narayan, MD
University of California, Irvine



Francesca Salipur, MD, PhD
University of Louisville
SASS Resident

Preliminary PGY1



Lindsay Sceats, MD
Stanford University



James Tooley, MD
Yale University



Caitlyn Harrison, MD
University of Arizona



Christopher Javadi, MD
University of Texas Southwestern

Preliminary PGY2



Eleftherios Makris, MD
Aristotle University of Thessaloniki



Kai-Yin "Kenny" See MD
University of California, Davis



Matthew Winterton, MD
University of Pennsylvania



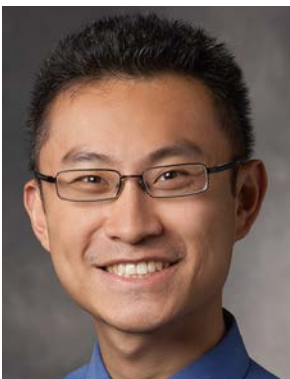
Saurabh Saxena, MD
Texas A+M

Each year, one of the major tasks within the Department is to choose and select the next year's incoming class of general surgery residents. This effort takes place over several months and entails the efforts of senior residents and faculty long before the actual interview process. Over 100 people applied for each opening and nearly 90 of them were selected for interviews in another highly competitive match. Drs. Marc Melcher, Jim Lau, and Natalie Kirilcuk from the residency program leadership along with Anita Hagan, Patricia Raines, and JoAnn Smithson do the brunt of the work in this very important process. As in past years, this has led to another highly successful match.

Residents win research scholarships



Dr. Clem Marshall (PGY2) was awarded the ACS Resident Research Award for the work he is planning to do during his professional development years. He will be working with Dr. Michael Longaker on a project entitled, "Inhibition of tumor growth by healing wounds." He continues a long tradition of Stanford research labs winning this award.



Dr. Adam Sang won a scholarship from the Children's Health Research Institute for his planned research. He will be working with Dr. Carlos Esquivel on a project entitled, "Small molecule inhibitor combinations as novel therapeutics for post-transplant EBV lymphomas."

Michael Longaker honored by ACS



The American College of Surgeons has announced that the 2015 Surgical Forum will be dedicated to Dr. Michael Longaker in recognition of his dedication to the Surgical Forum, his efforts to invigorate the meeting, and his scientific contributions. This represents the highest honor given by the ACS to a surgical scientist

The April issue of the Bulletin of the American College of Surgeons features a profile of Dr. Longaker. The article can be accessed in the link below.

<http://bulletin.facs.org/2015/04/profiles-in-surgical-research-michael-t-longaker-md-mba-facs/>

Dr. Longaker is nationally renowned for his work in regenerative medicine. He has been recognized by practically every major academic medical society and is one of just a handful of surgeons elected to the

Institute of Medicine and the American Society for Clinical Investigation. Among the many awards he has received are the Flance-Karl Award from the ASA and the Jacobson Investigator Award from the ACS.

Recently, his research has culminated in two major publications. His laboratory has described the identification of the skeletal stem cell in a publication in *Cell* [Chan, CK, et al. 160(1-2): 285-98.], and the identification of the scar-forming fibroblast subpopulation in *Science* [Rinkevich, Y. et al. Accepted for publication.], two of the highest impact journals published.

In addition to his research, he has served as a valued mentor to a number of surgical residents in his laboratory including Tony Fang, Mike Song, and Bethany Slater. All have gone on to highly competitive fellowships. Residents who have worked under his tutelage have garnered a large number of competitive awards as highlighted by the ACS Resident Research Scholarship won by Clem Marshall.

Dr. Longaker is the Deane P. and Louise Mitchell Professor and Vice Chair for Academic Affairs for the Department of Surgery. He is also the co-Director of the Institute for Stem Cell Biology and Regenerative Medicine, Director of the Program in Regenerative Medicine, and Director of Children's Surgical Research at Stanford University.

Wren appointed Honorary Professor



Dr. Sherry Wren was appointed as an Honorary Professor in the Centre for Neurosciences and Trauma at the Blizard Institute within Barts Cancer Institute of Barts and the London School of Medicine and Dentistry, Queen Mary University of London. This was in recognition of the international work she has been doing with their trauma masters program. She has also led the new international rotation in Zimbabwe.

Dr. Wren is Professor and Chief of General Surgery at the Palo Alto VA Hospital, and also recently served as Associate Dean for Academic Affairs in the School of Medicine. She earned her MD from Loyola University and trained general surgery at Yale and the University of Pittsburgh followed by fellowship training at USC. She has also just recently completed her term on the Board of Governors of the American College of Surgeons.

Multiple awards from the Association for Surgical Education

The education of medical students and residents is one of the primary missions of the Department of Surgery at Stanford. In recent years, programs within the department have been recognized as among the most innovative in the country. Proof of that can be found in the announcements of awards at the annual meeting of the Association for Surgical Education, the leading society dedicated to this field.



Dr. Jim Lau, Clinical Associate Professor, was announced as a 2015 winner of the ASE Phillip J. Wolfson Outstanding Teacher Award. Awardees are considered to be outstanding teachers by their chairs, peers, residents and students, and are chosen for their overall effort, commitment and achievement in the area of surgical education.

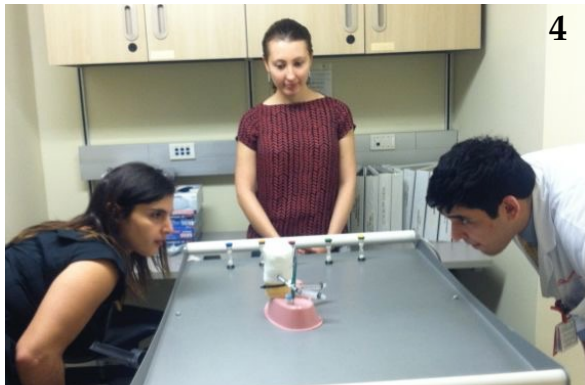
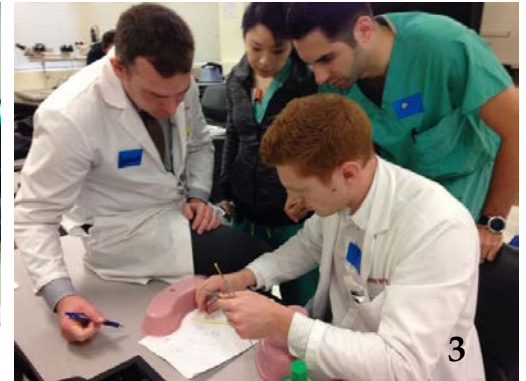
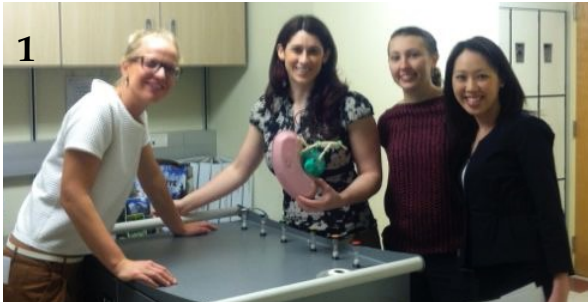
Dr. Lau is Associate Director of the Stanford Surgical Residency and Director of the core surgical clerkship, the Goodman Simulation Center, and the surgical education fellowship. He has already been recognized for his efforts by winning the Kaiser Foundation Teaching Award and the Collins Teaching Award twice.



Dr. Cara Liebert was announced as the winner of the 2014 ASE Outstanding Resident Teaching Award. This award is given to residents demonstrating the qualities of an outstanding teacher and commitment to the field.

Dr. Liebert is currently the Education Fellow during her professional development years and is also obtaining a Masters in Health Professions Education at the University of Illinois during this time. She is a graduate of the Stanford University School of Medicine and will be returning to clinical training as a PGY3 in July.

Furthering Resident Education



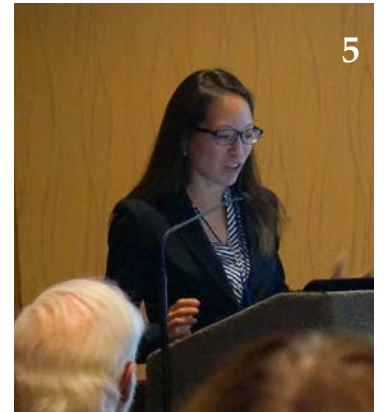
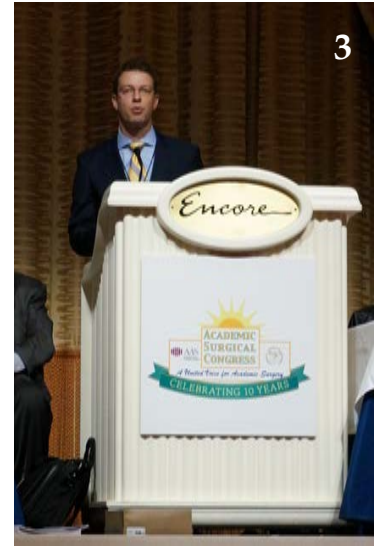
Throughout the year, the residency has been holding sessions designed to build leadership skills among the residents. The curriculum has been developed by the education fellows under the faculty lead of Dr. Dana Lin. Each session incorporated residents at all levels for the purpose of performing a specific task. Effectively completing the task required skills of both leading and following. Each team was graded upon the degree to which they completed the task as instructed.

- 1: The education team headed by Dana Lin (R).
- 2: Tasks involved basic surgical skills.
- 3: Figuring out what comes next.
- 4: The mind control method of leadership.
- 5: We are either number 1 or 2, perhaps more leadership needed.
- 6: Adam Sang going old school and barking out the orders.
- 7: Grading the results.
- 8: The result, one big happy team.

Academic Surgical Meetings



The Academic Surgical Congress (ASC) is the largest academic surgical meeting in the world and Stanford faculty and residents were well-represented among both the moderators and presenters (1). Once again, Stanford was among the top ten programs in total number of presentations including by Cara Liebert (2). Tom Weiser was a featured speaker with luminaries like Haile Debas on the occasion of the release of a major publication on global surgery from the World Bank that he helped author (3). It was also a time to meet former residents who are now faculty elsewhere with Russell Woo ('07) coming from the Univ of Hawaii and John Langell ('06) from the Univ of Utah (4).



Another important annual meeting for Stanford has been the Pacific Coast Surgical Association held this year in Monterey, California. Stanford residents and faculty were prominent at this meeting including a presentation by current faculty Cindy Kin ('11) (5). Ellen Morrow ('12) was also on hand as she begins her academic career at the Univ of Utah (6). Numerous other faculty were also participating (7,8).



Annual Education Retreat



The Department of Surgery holds an annual education retreat to focus on how we might improve the residency. This year, the featured guest speaker was Dr. Karen Deveney from OHSU whose talk was entitled, "Surgeons as leaders then and now: a journey through time." This fit in with the overall theme of the retreat which was developing leadership skills. Dr. Krummel started the discussion by highlighting leadership examples from all walks of life.

1: Drs. Wapnir, Shelton, Wren and Melcher are joined by incoming Chair, Dr. Hawn.

2: Educational beer and wine.

3: Drs. Krummel, Lau and Melcher, the braintrust.

4: Strong participation by the residents helps make this retreat work.

5: Breakout sessions in the courtyard.

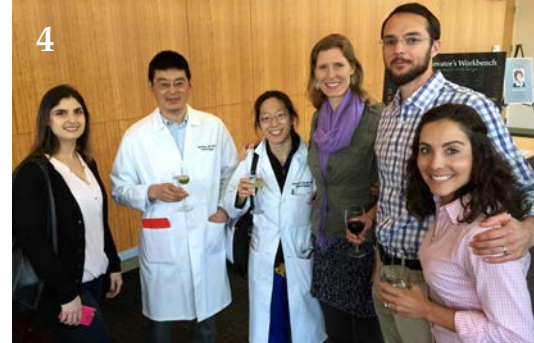
6: Drs. Norton and Greco with guest speaker, Dr. Karen Deveney.

7: Drs. Kirilcuk and Deveney.

Recruiting a diverse resident group is another major effort by the department. For the past several years, Stanford has had an information booth at the Student National Medical Association meeting. The SNMA is the student division of the NMA, the oldest and largest medical organization serving African-American physicians and their patients.

8: Micaela Esquivel, Hadiza Kazuare, Anita Hagan, and Patricia Raines manning the Stanford booth.

9: Anita Hagan talks with an interested student.



Paul Maggio promoted in SUMC Administration



Dr. Paul Maggio, Assistant Professor of Surgery, has been promoted to the position of Associate Chief Medical Officer of Stanford University Hospital. He also currently serves as Director of Informatics and Co-Director of Critical Care Medicine at the Stanford University Hospital.

Dr. Maggio earned his medical degree at the State University of New York, Buffalo followed by his surgical residency at Brown University. This was followed by a fellowship in critical care at the University of Michigan where he also earned an MBA. He was on the faculty at the University of Michigan when he was recruited to Stanford. Since coming here, he has been an important contributor to the trauma/critical care service and has been instrumental in developing the adult ECMO program within the ICU. He also earned the 2013 Denise O'Leary Award for Clinical Excellence.

Kim Rhoads awarded for work on behalf of underserved patients



Dr. Kim Rhoads, Assistant Professor of Surgery, has been selected for the 2015 "Women on Fire" Award by the Ladies in Red. The Ladies in Red is a women's empowerment organization whose goal is to provide education, motivation and encouragement to all women. She was recognized for her work in cancer care for the underserved in the Bay Area.

Dr. Rhoads did the majority of her professional training at the University of California, San Francisco where she earned her medical degree, and completed a residency in general surgery and a fellowship in colorectal surgery. During that time, she also earned an MPH at the Harvard School of Public Health. Her research has been focused on disparities in healthcare delivery and has been supported by the NIH, the American Society of Colorectal Surgery and the California Breast Cancer Research Program.

Erin Palm writes of her experiences during PD years in India



During the time they are in their professional development years, residents are encouraged to pursue any number of projects that might be of interest to them. Dr. Erin Palm, current clinical PGY4, writes about her experiences in India in the Bulletin of the ACS. Prior to residency, Dr. Palm had earned an MBA and worked at Venrock, one of the premier venture capital firms in Silicon Valley that counts Apple, Intel and Gilead among their success stories. Using that background, she used her time to work on a project that sought to meld her experiences in finance and medicine together. Her account of how this led to a real product capable of bringing technological advancement in low cost environments can be read in the link below.

<http://bulletin.facs.org/2015/03/to-bangalore-and-back-resident-leads-software-design-effort-at-indian-heart-hospital/>

From the Program Director



This issue is once again packed with the accomplishments of our trainees. From our super strong showing at the 2015 ASC to the sweeping of the resident and faculty awards in the ASE (Drs. Liebert and Lau) Stanford surgery residents and education programs have been making an impact.

In our next issue we will tell you a bit more about the stellar trainees that we matched into our 2015 General Surgery intern year class. Expect them to make an impact in the near future.

I would like to thank Dr. Kirilcuk, who, with the help of several other faculty, residents, and staff, put on our 5th Annual Surgical Education Retreat focused on Developing Leadership Skills with Dr. Karen Deveney, Vice Chair of Education at OSHU, as our keynote speaker. Surprising to some, Myers Briggs testing of the residents and faculty at the retreat suggested that we surgeons are actually a pretty diverse group of personalities.

Finally, I urge all the faculty to take some time to thank the outgoing chiefs for their contributions to our own accomplishments and practices. There will be graduation highlights to share in the next issue.

Sincerely,

Marc L. Melcher, MD, PhD
Program Director
General Surgery Residency
Stanford University

Notable publications from Stanford Surgery

The following selected publications were authored by Stanford surgeons as noted in bold.

Huang LC, Tran TB, Ma Y, Ngo JV, Rhoads KF. Factors that influence minority use of high-volume hospitals for colorectal cancer care. *Dis Colon Rectum.* 2015. 58(5):526.

Zhang I, Feng K, Hu Y, Tsung K, **Norton, JA.** IL-12 augments antitumor response to cycled chemotherapy. *J Immunother.* 2015. 38(4):137.

Tran TB, Worhunsky DJ, Squires MH, Jin LX, Spolverato G, Votanopoulos KI, Schmidt C, Weber S, Bloomston M, Cho CS, Levine EA, Fields RC, Pawlik TM, Maithel SK, Norton JA, Poultsides, GA. Outcomes of gastric cancer resection in octogenarians: a multi-institutional study of the US Gastric Cancer Collaborative.

Ann Surg Oncol. 2015. Epub ahead of print.

Ullery BW, **Lee JT, Dalman RL.** Snorkel/chimney and fenestrated endografts for complex abdominal aortic aneurysm. *J Cardiovasc Surg (Torino).* 2015. Epub ahead of print.

Niemi AK, Kim IK, Krueger CE, Cowan TM, Baugh N, Farrell R, **Bonham CA, Concepcion W, Esquivel CO, Enns GM.** Treatment of methylmalonic acidemia by liver or combined liver-kidney transplantation. *J Pediatr.* 2015. Epub ahead of print.

Worhunsky DJ, Ma Y, Zak Y, Poultsides GA, Norton JA, Rhoads KF, Visser BC. Compliance with gastric cancer guidelines is associated with improved outcomes. *J Natl Compr Canc Netw.* 2015. 13(3):319.

Chan CK, Seo EY, Chen JY, Lo D, McArdle A, Sinha R, Tevlin R, Seita J,

Vincent-Tompkins J, Wearda T, Lu WJ, Senarath-Yapa K, Chung MT, Marecic O, Tran M, Yan KS, Upton R, Walmsley GG, Lee AS, Sahoo D, Kuo CJ, Weissman IL, **Longaker MT.** Identification and specification of the mouse skeletal stem cell. *Cell.* 2015. 160(1-2):285.

Duscher D, Neofytou E, Wong VW, Maan ZN, Rennert RC, Inayathullah M, Januszyk M, Rodrigues M, Malkovskly AV, Whitmore AJ, Walmsley GG, Galvez MG, Whittam AJ, Brownlee M, Rajadas, J, **Gurtner GC.** Transdermal deferoxamine prevents pressure-induced diabetic ulcers. *Proc Natl Acad Sci USA.* 2015. 112(1):94.

Notable Events

Happenings at Stanford and among our alumni

Phat "Kelvin" Dang (PGY2) married Tam Tonon February 22 to. She is graduating from the dental school at USC.

Stanford Residency Alumni

We take this opportunity to ask you to reengage with the place where you trained. The Stanford Department of Surgery has a long, rich heritage of which you are an important part. Please take the time to fill out the response form below to let us know where you are now and how you are doing. Send the form via mail, or fax to:

Stanford Surgery Training Program

H3691

300 Pasteur Dr.

Stanford, CA 94305

FAX: 650-724-9806

Last name:

Maiden name (if applicable):

First name:

Home address:

Work address:

Email address:

Year of residency completion:

Current practice or position: