



SAVE THE DATE!

2nd Annual Surgery Research and Womack Alumni Day June 16, 2017



Dr. Adil Haider

The date has been set for next year's Research Day. This year we are going to partner with the Womack Society and get our Alumni involved! Continuing with our showcase of your great work last year, we will be working on didactic and informational sessions, "meet the professor" sessions, and oral and poster presentations with best presentation awards. For the Womack Society portion of the event, the **Colin G. Thomas Jr. Lecturer** will be **Dr. Adil Haider**.

Adil Haider, MD, MPH, FACS is an active trauma and critical care surgeon, prolific researcher, and the Kessler Director for the Center for Surgery and Public Health (CSPH), a joint initiative of Brigham and Women's Hospital, Harvard Medical School, and the Harvard T.H. Chan School of Public Health. He is also the Deputy Editor of JAMA Surgery and holds numerous leadership positions. Dr. Haider is credited with uncovering racial disparities after traumatic injury and establishing the field of trauma disparities research. He is regarded as one of the foremost experts on healthcare inequities in the United States.

Need a project? Want to know what projects faculty are working on? Check out the Mentors and Descriptions page <http://www.med.unc.edu/surgery/education/resident-research-opportunities/mentors-and-descriptions> or contact Dr. Yeh.

Resident attendance and abstract submission mandatory. Fellows and medical students are strongly encouraged and welcome.

Faculty attendance mandatory.

We need poster judges. Contact jjyeh@med.unc.edu.



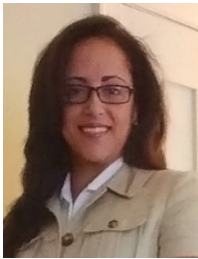
John S. Ikonomidis, MD, PhD

John S. Ikonomidis, MD, PhD, will become the new chief of the Division of Cardiothoracic Surgery at UNC on March 1. Dr. Ikonomidis, a cardiac surgeon, is Horace G. Smithy professor of surgery and chief of the Division of Cardiothoracic Surgery at the Medical University of South Carolina (MUSC) in Charleston, SC. His research has been funded by the National Institutes of Health (NIH) since 2001, and he has served as a co-investigator on several VA Merit awards. He is an author of more than 140 medical journal articles. His research interests include the study of a unique murine model of thoracic aortic aneurysms as well as studies in clinical aneurysm specimens. He has served as PI or investigator on clinical trials involving heart valve devices, ventricular assist devices, myocardial protection, and intraoperative interrogation of the myocardium. From 2015 to 2017, he is serving as chair of NIH's Bioengineering, Technology and Surgical Sciences (BTSS) Study Section, which reviews applications for millions of dollars in research grants, and is on the Data and Safety Monitoring Board of the Cardiothoracic Surgical Trials Network.

Awards

Dr. Rebecca Brown (PGY2)'s manuscript entitled "A Comparison of a Homemade Central Line Simulator to Commercial Models" has been selected by the AAS Publications Committee to be the Best AAS Overall Manuscript Submission by an AAS Resident or Fellow!

The Society of Thoracic Surgeons (STS) awarded **Eric Jernigan (UNC medical student)** a Looking to the Future scholarship to attend the STS annual meeting, held in Houston January 21-25, 2017.



Debbie Sanabria

Applying for external grants?

Contact Debbie Sanabria in Pre-Award services **as soon as you think you are applying for a grant** for help with your budget and grant submission and routing. External grants **must** be routed and submitted **one week** ahead of the due date!

Apply For Grants

Thinking about taking time to do research? Consider the **NIH Loan Repayment Programs** (December 1) – great way to repay your student loans - NIH repays up to \$35,000 annually of a researcher's qualified educational debt in return for a commitment to engage in NIH mission-relevant research (Clinical, Pediatric, Health Disparities, Contraception and Infertility, and Clinical Research for Individuals from Disadvantaged Backgrounds).

<https://www.lrp.nih.gov/eligibility-programs>

- **UNC Lineberger Developmental Program** (March 15, September 15) <https://unclineberger.org/research/developmental-funding-opportunities>
- **TraCS \$2K Grants** (These are great grants for your projects – brief one page write up) October 18, November 15, December 20. <https://tracs.unc.edu/index.php/services/pilot-program/tracs-2k-grants>
- **TraCS \$5K-\$50K Grants** (October 18, June 21). <https://tracs.unc.edu/index.php/services/pilot-program/tracs-5k-50k-grants>

Highlights

Dr. Caranasos (Cardiothoracic), Dr. Ke Cheng (a bioengineer at UNC and NC State University), and other researchers at NC State and a Chinese university have developed a synthetic version of a cardiac stem cell published in Nature Communications in January. These synthetic stem cells offer therapeutic benefits comparable to those from natural stem cells and could reduce some of the risks associated with stem cell therapies. Additionally, they have better preservation stability and the technology can be generalized to other types of stem cells. Read more <https://www.med.unc.edu/ct/news/cardiac-stem-cell>.

Dr. David Gerber (Abdominal Transplant) was named Medical Director of the UNC Center for Transplant Care and the UNC Hospitals Jason Ray Transplant Clinic. <http://news.unchealthcare.org/news/2016/december/gerber-named-medical-director-for-center-for-transplant-care-transplant-clinic>

Laquanda Knowlin presented her work entitled "The Effect of Preexisting Respiratory Comorbidities on Burn Injury Outcomes" (Research Snapshot) at the 46th Critical Care Congress in Honolulu, Hawaii.

Dr. Anna Pavlov (PRS, PGY2) gave an oral presentation on her work with **Dr. Michelle Roughton (Plastic Surgery)** on "Letters of Recommendation for Integrated Plastic Surgery Residency Highlight Unconscious Gender Bias" at the American Society for Peripheral Nerve meeting in Hawaii, January 2017.

Dr. Kate McGinagle (Vascular Surgery) gave a plenary presentation on "Increased stroke rate in medically managed carotid stenosis patients" at the Southern Assoc for Vascular Surgery in Naples, FL on January 20, 2017. Other authors are Mary Hunter Benton, Daniel J. Luckett, Jason P. Fine, and **Dr. William A. Marston (Vascular Surgery)**.

Conferences:

Jared Gallaher (PGY4) will be competing in the National Committee on Trauma (COT) Paper Competition on March 2 in Washington DC.

Thomas M. Egan, M.D., M.Sc., (Cardiothoracic Surgery) is a member of NIH study section - ZRG1 SBIB-Q (02) Member Conflict: BTSS and SAT Member Conflict February 17, 2017.

Upcoming Meetings

12th Annual Academic Surgical Congress February 7-9, 2017 in Las Vegas, NV.

Tuesday, February 07, 2017 – Clinical/Outcomes: Global Surgery QuickShot Session – 7:30 AM - 9:30 AM

- Bryce Haac, MD – Injury Characteristics, Risk Factors and Outcomes Following Falls in Sub-Saharan Africa
- Sara Scarlet, MD – Treating Pediatric Hydrocephalus in Sub-Saharan Africa: Outcomes After Shunt Placement
- Jared Gallaher, MD,MPH – The Effect of a Centralized Blood Banking Policy on Blood Product Availability in Sub-Saharan Africa
- Laura Purcell, MD – Adult Trauma Mortality Characteristics: Pre-hospital versus In-hospital Deaths

Tuesday, February 07, 2017 – Clinical/Outcomes: Oncology QuickShot Session 1 – 7:30 AM - 9:30 AM

- C. Ellis, MD – Measuring Complete Response After Neoadjuvant Therapy for Rectal Cancer: Do X's Really Equal O's?

Tuesday, February 07, 2017 – Clinical/Outcomes: Cross Disciplinary QuickShot Session – 7:30 AM - 9:30 AM

- Christopher Tignanelli, MD – Interdisciplinary Morbidity and Mortality Conference, A Method for System-Wide Improvement

Wednesday, February 08, 2017 – Clinical/Outcomes: Trauma/Critical Care Oral Session 2 – 7:30 AM - 9:30 AM

- Jeremy Holzmacher, MD – Platelet Transfusion Does Not Improve Outcomes in Brain Injured Patients on Antiplatelet Therapy

Wednesday, February 08, 2017 – Education I - Simulation Oral Session – 7:30 AM - 9:30 AM

- Philip Wasicek, MD – Virtual Reality Simulation for Endovascular Skills for Trauma: Final Results of a Trainee Experience
- Rebecca Brown, MD – A Performance Comparison of an Inexpensive, Homemade Central Line Simulator to Commercial Models

Wednesday, February 08, 2017 – Basic Science: Developmental Biology/Tissue Engineering, Experimental Therapeutics QuickShot Session – 2:30 PM - 4:30 PM

- Mansi Shah, MD – Inhaled IL10 Decreases the Development of Pulmonary Hypertension in Slit3 Knockout Mice with CDH

Wednesday, February 08, 2017 – Clinical/Outcomes: Oncology QuickShot Session 2 – 2:30 PM - 4:30 PM

- Karishma Reddy, MD,BS – Post Mastectomy Reconstruction Rates: The Effect of Tumor Grade and Radiation Therapy in Younger Women

Wednesday, February 08, 2017 – Clinical/Outcomes: General Surgery - Disparities and Access to Care QuickShot Session – 2:30 PM - 4:30 PM

- Stephen Mahoney, MD – Effects of Education and Health Literacy on Post-Operative Outcomes in Bariatric Surgery

Wednesday, February 08, 2017 – Education QuickShot Session 1 – 2:30 PM - 4:30 PM

- Chelsea Becker – Assessment of Desired and Actual Student Procedural Competence Over Time
- Heather Logghe, MD – Who's Reading All Those Tweets, Anyway? Diversity in the #ASC2016 Audience

Thursday, February 09, 2017 – Basic Science: Vascular Oral Session – 7:30 AM - 9:30 AM

- Neel Mansukhani, MD – Sca-1 Differentially Affects Atherogenesis in Male and Female LDL Receptor Knockout Mice

(continued on next page)

Upcoming Meetings

(continued from previous page)

Thursday, February 09, 2017 – Basic Science: Pediatrics/ Developmental Biology/Tissue Engineering Oral Session – 7:30 AM - 9:30 AM

- Swathi Balaji, Ph.D. – IL-10 Regulates the Perivascular Hyaluronan Metabolism to Improve Pulmonary Hypertension in CDH

Thursday, February 09, 2017 – Clinical/Outcomes: Trauma/Critical Care - Quality of Care Oral Session – 7:30 AM - 9:30 AM

- Laquanda Knowlin, MD – Burn Injury Outcomes in Patients with Preexisting Diabetic Disease

Thursday, February 09, 2017 – Education II Oral Session – 7:30 AM - 9:30 AM

- Rebecca Brown, MD – The Effect of a Resident Driven Educational Workshop on Medical Student Transition to Clinical Medicine

Thursday, February 09, 2017 – Basic Science: Pediatrics And Wound Healing QuickShot Session – 1:30 PM - 3:30 PM

- Mansi Shah, MD – Decreased Angiogenesis in Slit3Knockout Mice with CDH Results in Reduced Pulmonary Arterial Branching

Thursday, February 09, 2017 – Trauma/Critical Care/ Vascular/Global Surgery QuickShot Session – 1:30 PM - 3:30 PM

- Felicia Williams, MD – Burn Injury in Diabetics Leads to Significant Increases in Hospital-Acquired Infection and Mortality

Thursday, February 09, 2017 – Education QuickShot Session 2 – 1:30 PM - 3:30 PM

- Heather Logghe, MD – #ILookLikeASurgeon: A Global Social Media Movement Advocating Diversity and Surgical Culture Change

Southeastern Surgical Congress February 25-28, 2017 in Nashville, TN

- **Rebecca Brown (PGY2)** will be presenting a poster of her work with **Dr. Erickson (Pediatric Surgery)** on “Large Gap Congenital Pyloric Atresia with Meconium Peritonitis: When Gastrojejunostomy Is the Best Option”.
- **Jonathan Black (PGY4)** will be giving an oral presentation of his work with **Dr. Yeh (Surgical Oncology)** on “Outpatient total thyroidectomies”.
- Laquanda Knowlin for her work with **Drs. Cairns (Burn Center)** and **Charles (General and Acute Care Surgery)**. “The Effect of Smoking Status on Burn Inhalation Injury Mortality.”
- Laquanda Knowlin for her work with **Drs. Cairns (Burn Center)** and **Charles (General and Acute Care Surgery)**. “The Effect of Smoking Status on Burn Injury Outcomes in Patients without Preexisting Respiratory Disease.”

American Burn Association March 21-24, 2017 in Boston, MA

- **Dr. Felicia Williams (Burn Center)**. “Burn injury and the diabetic patient: Significant increases in risk of hospital-acquired infection and mortality.”
- **Dr. Samuel Jones (Burn Center)**. “Persistent gender-based disparities in burn mortality: A single institution study from 2004 – 2013.”
- **Dr. Sara Scarlet (PGY1)**. “Positive blood alcohol level on admission associated with increased mortality.” (Poster)
- **Dr. Sara Scarlet (PGY1)**. “No evidence of race-based disparities in burn mortality: A single institution study from 2004 – 2013.” (Poster)

Society of Black Academic Surgeons April 27-29, 2017 in Chicago, MA

- **Dr. Samuel Jones (Burn Center)** will be presenting “The Status Of Gender And Race-Based Disparities In Burn Mortality: A Single Institution Study From 2004-2013”

New Publications

- Tang J, Shen D, **Caranasos TG (Cardiothoracic Surgery)**, Wang Z, Vandergriff AC, Allen TA, Hensley MT, Dinh PU, Cores J, Li TS, Zhang J, Kan Q, Cheng K. Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. *Nat Commun.* 2017 Jan 3;8:13724. Read more <https://www.med.unc.edu/ct/news/cardiac-stem-cell>.
- Tang J, Vandergriff A, Wang Z, Hensley M, Cores J, Allen T, Dinh PU, Zhang J, **Caranasos T (Cardiothoracic Surgery)**, Cheng K. A regenerative cardiac patch formed by spray painting of biomaterials onto the heart. *Tissue Eng Part C Methods* 2017
- Featured and Cover in Journal of Surgical Research. **Phillips MR (Alumni)**, **Moore SM (Alumni)**, **Shah M (PGY4)**, Lee C, Lee YZ, Faber JE, **McLean SE (Pediatric Surgery)**. A method for evaluating the murine pulmonary vasculature using micro-computed tomography. *J Surg Res.* 2017 Jan;207:115-122
- Peer commentary on "Incentive Spirometry After Bariatric Surgery yes or No?" by **Wesp J (GI Fellow)**, **Duke MC Gastrointestinal Surgery**, **Farrell TM (Gastrointestinal Surgery)**. *JAMA Surg.* Published online January 11, 2017.
- **Duke MC Gastrointestinal Surgery**, **Farrell TM (Gastrointestinal Surgery)**. Surgery for Gastroesophageal Reflux Disease in the Morbidly Obese Patient. *Journal of Laparoendoscopic & Advanced Surgical Techniques* 2016; 27:1-8.
- **Gallaher JR (PGY4)**, **Cairns B (Burn Center)**, Varela C, **Charles AG (General and Acute Care Surgery)**. Mortality After Peritonitis in Sub-Saharan Africa: An Issue of Access to Care. *JAMA surgery.* 2016 Dec 28.
- **Gallaher JR (PGY4)**, Mulima G, Kopp D, Shores CG, **Charles AG (General and Acute Care Surgery)**. Consequences of centralised blood bank policies in sub-Saharan Africa. *The Lancet Global Health.* 2017 Feb 28;5(2):e131-2.
- Teeter EG, Barrick BP, Kumar PA, **Haithcock BE (Cardiothoracic Surgery)**, Karenz AR, Martinelli SM. Anesthetic management of a patient with situs inversus for bilateral orthotopic lung transplantation. *J Cardiothorac Vasc Anesth* 2016 (Dec); 30(6):1641-1644.
- **Wu C (Plastic Surgery)**, **Hultman S (Plastic Surgery)**, **Diegidio P (PGY4)**, Hermiz S, Garimella R, Crutchfield TM, Lee CN. What Do Our Patients Truly Want? Conjoint Analysis of an Aesthetic Plastic Surgery Practice Using Internet Crowdsourcing. *Aesthet Surg J.* 2016 Sep 20. [Epub ahead of print]
- **Kaminsky P (PGY4)**, **Preiss J (PGY2)**, Sasatomi E, **Gerber DA (Abdominal Transplant)**. Biliary Adenofibroma: A Rare Hepatic Lesion with Malignant Features. *Hepatology.* 2016 [Epub ahead of print]
- Norona LM, Nguyen DG, **Gerber DA (Abdominal Transplant)**, Presnell SC, LeCluyse EL. Modeling Compound-Induced Fibrogenesis In Vitro Using Three-Dimensional Bioprinted Human Liver Tissues. *Toxicol Sci.* 2016 Sep 7. [Epub ahead of print]
- Strassle PD, **Williams FN (Burn Center)**, Napravnik S, van Duin D, Weber DJ, **Charles A (General and Acute Care Surgery)**, **Cairns BA (Burn Center)**, **Jones SW (Burn Center)**. Improved Survival of Patients With Extensive Burns: Trends in Patient Characteristics and Mortality Among Burn Patients in a Tertiary Care Burn Facility, 2004-2013. *J Burn Care Res.* 2016 Oct 17. [Epub ahead of print]
- **Gallaher JR (PGY4)**, Haac BE, Geyer AJ, Mabedi C, **Cairns BA (Burn Center)**, **Charles AG (General and Acute Care Surgery)**. Injury Characteristics and Outcomes in Elderly Trauma Patients in Sub-Saharan Africa. *World J Surg.* 2016 40(11):2650-2657.
- Barnett BS, Mulenga M, **Kiser MM (Alumni)**, **Charles AG (General and Acute Care Surgery)**. Qualitative analysis of a psychological supportive counseling group for burn survivors and families in Malawi. *Burns.* 2016 Oct 12. [Epub ahead of print]
- Knowlin L, Stanford L, **Cairns B (Burn Center)**, **Charles A (General and Acute Care Surgery)**. The effect of smoking status on burn inhalation injury mortality. *Burns.* 2016 Oct 1. [Epub ahead of print]
- Knowlin L, Stanford L, Moore D, **Cairns B (Burn Center)**, **Charles A (General and Acute Care Surgery)**. The measured effect magnitude of co-morbidities on burn injury mortality. *Burns.* 2016 42(7):1433-1438.

(continued on next page)

New Publications

(continued from previous page)

- Young S, Banza L, Munthali BS, Manda KG, **Gallaher J (PGY4)**, **Charles A (General and Acute Care Surgery)**. The impact of the increasing burden of trauma in Malawi on orthopedic trauma service priorities at Kamuzu Central Hospital. *Acta Orthop*. 2016 Sep 2:1-5.
- Herbella FA, Armijo PR, **Patti MG (Gastrointestinal Surgery)**. A pictorial presentation of 3.0 Chicago classification for esophageal motility disorders. *Einstein* 14:439-442, 2016.
- Menez MA, Herbella FA, **Patti MG (Gastrointestinal Surgery)**. Laparoscopic antireflux surgery in patients with connective tissue diseases. *JLAST* 26:296-298, 2016.
- Allaix ME, **Patti MG (Gastrointestinal Surgery)**. Towards a tailored treatment of achalasia. An evidence based approach. *JLAST* 26:256-263, 2016.
- Herbella FA, Colleoni R, Bot L, **Patti MG (Gastrointestinal Surgery)**. High resolution manometry findings in patients after sclerotherapy for esophageal varices. *J Neurogastroenterol Motil* 22:226-230, 2016.
- Phillips N, Tannan S, **Kalliainen LK (Plastic Surgery)**. Understanding and overcoming implicit gender bias in surgery. *Plast Reconstr Surg*, 2016;138(5):1111-1116.
- Furnas HJ, Johnson DJ, Bajaj AK, **Kalliainen L (plastic Surgery)**, Rohrich RJ. Women and men in plastic surgery: how they differ and why it matters. *Plast Reconstr Surg*, 2016;138(3):743-745.
- **Kibbe MR (Chair of Surgery)**, Pellegrini CA, Townsend CM Jr, Helenowski IB, **Patti MG (Gastrointestinal Surgery)**. Characterization of Mentorship Programs in Departments of Surgery in the United States. *JAMA Surg*. 2016 Oct 1;151(10):900-906
- White SH, McDermott MM, Sufit RL, Kosmac K, Bugg AW, Gonzalez-Freire M, Ferrucci L, Tian L, Zhao L, Gao Y, **Kibbe MR (Chair of Surgery)**, Criqui MH, Leeuwenburgh C, Peterson CA. Walking performance is positively correlated to calf muscle fiber size in peripheral artery disease subjects, but fibers show aberrant mitophagy: an observational study. *J Transl Med*. 2016 Sep 29;14(1):284.
- **Bahnson ES (Research)**, Havelka GE, Koo NC, Jiang Q, **Kibbe MR (Chair of Surgery)**. Periadventitial adipose tissue modulates the effect of PROLI/NO on neointimal hyperplasia. *J Surg Res*. 2016 Oct;205(2):440-5.
- Mansukhani NA, Yoon DY, Teter KA, Stubbs VC, Helenowski IB, Woodruff TK, **Kibbe MR (Chair of Surgery)**. Determining If Sex Bias Exists in Human Surgical Clinical Research. *JAMA Surg*. 2016 Aug 17 [Epub ahead of print]
- **Feins RH (Cardiothoracic)**, Burkhart HM, Conte JV, Coore DN, Fann JI, Hicks GL Jr, Nesbitt JC, Ramphal PS, **Schiro SE (General and Acute Care Surgery)**, Shen KR, Sridhar A, Stewart PW, Walker JD, Mokadam NA. Simulation-based training in cardiac surgery. *Ann Thorac Surg* 2016. (Epub ahead of print)
- Mokadam NA, Fann JI, Hicks GL, Nesbitt JC, Burkhart HM, Conte JV, Coore DN, Ramphal PS, Shen KR, Walker JD, **Feins RH (Cardiothoracic)**. Experience with the cardiac surgery simulation curriculum: Results of the resident and faculty survey. *Ann Thorac Surg* 2016 (Epub ahead of print)
- Allaix ME, **Long JM (Cardiothoracic)**, **Patti MG (Gastrointestinal Surgery)**. Hybrid Ivor Lewis esophagectomy for esophageal cancer. *J Laparoendosc Adv Surg Tech* 2016 (Oct.); 26(10):763-767.
- Schlottmann F, Andolfi C, Kavitt RT, Konda VJ, **Patti MG (Gastrointestinal Surgery)**. Multidisciplinary Approach to Esophageal Achalasia: A Single Center Experience. *J Laparoendosc Adv Surg Tech A*. 2017 Jan 18. [Epub ahead of print]
- Schlottmann F, Strassle PD, Farrell TM, **Patti MG (Gastrointestinal Surgery)**. Minimally Invasive Surgery Should Be the Standard of Care for Paraesophageal Hernia Repair. *J Gastrointest Surg*. 2017 Jan 6. [Epub ahead of print]
- **Patti MG (Gastrointestinal Surgery)**, Schlottmann F, Farrell TM. Fundoplication for Gastroesophageal Reflux Disease: Tips for Success. *J Laparoendosc Adv Surg Tech A*. 2017 Jan;27(1):1-5.
- **Patti MG (Gastrointestinal Surgery)**, Andolfi C, Bowers SP, Soper NJ. POEM vs Laparoscopic Heller Myotomy and Fundoplication: Which Is Now the Gold Standard for Treatment of Achalasia? *J Gastrointest Surg*. 2017 Feb;21(2):207-214.

- **Duke MC (Gastrointestinal Surgery), Farrell TM (Gastrointestinal Surgery).** Surgery for Gastroesophageal Reflux Disease in the Morbidly Obese Patient. *Journal of Laparoendoscopic & Advanced Surgical Techniques* 2016; 27:1-8.
- Wesp J, **Duke MC (Gastrointestinal Surgery), Farrell TM (Gastrointestinal Surgery).** Incentive Spirometry After Bariatric Surgery yes or No? Peer commentary on Pantel, H, Hwang, J, Brams, D, et al. Effect of Incentive Spirometry on Postoperative Hypoxemia and Pulmonary Complications After Bariatric Surgery A Randomized Clinical Trial. *JAMA Surg.* online Jan 2017.
- Yoon DY, Riaz A, Teter K, Vavra AK, **Kibbe MR (Chair of Surgery),** Pearce WH, Eskandari MK, Lewandowski R, Rodriguez HE. Surveillance, anticoagulation, or filter in calf vein thrombosis. *J Vasc Surg Venous Lymphat Disord.* 2017 Jan;5(1):25-32.

Research Resources

Database Manager



Contact **Paula Strassle, MPH** our database manager BEFORE you start a project involving data collection or setting up a database, e.g. chart reviews. She will help you organize and think about things so that you will be able to analyze it when you are ready. Paula is also in charge of NIS, NSQUIP, SEER databases (<http://www.med.unc.edu/surgery/education/resident-research-opportunities/available-databases>) if you would like to use them or have questions about them. She may also point you to other databases that may help you.

<http://www.med.unc.edu/surgery/education/resident-research-opportunities/available-databases>) if you would like to use them or have questions about them. She may also point you to other databases that may help you.

Request Paula's help using <http://www.med.unc.edu/surgery/database-manager-request-form>. Paula should be the point of entry for most of you and will communicate with the Biostats Team to distribute expertise/personnel needs.

Biostats Team

Jason Fine, PhD, Professor of Biostatistics will lead the biostatistics team with the help of his graduate research assistant Daniel Luckett. Request their help using <http://www.med.unc.edu/surgery/contact-forms>.

Suggestions?

Have you been doing research that you think should be included in this newsletter? Do you have any news from your research team, received any awards, published papers? Any other announcements? Let Jen Jen know at the email below!

\

Jen Jen Yeh, MD
Vice Chair for Research
jjyeh@med.unc.edu