



COLUMBIA UNIVERSITY



ColumbiaDoctors | Surgery

*College of Physicians
and Surgeons*

Dear Faculty,

Thank you all for sending your contributions to our monthly research newsletter. A special thank you to Dr. Henry Spotnitz and the surgery research competition judges, who were tasked with choosing among a strong pool of applicants in this year's competition.

As a reminder, the PubMed links below should work for everyone. The journal-specific links will only work if you have a subscription to that journal or you are connected into the Columbia University library e-journal system.

Let's keep up the excellent work. Please be sure to email Paul Kurlansky (pk2245@columbia.edu) or myself (crs2@cumc.columbia.edu) with your confirmed publications, presentations, and grants as we will continue to send this newsletter monthly.

Warmly,
Craig Smith, MD

CONGRATULATIONS

Congratulations to the winners of the 24th Surgery Research Competition. Among a crowded field of contestants, twelve finalists made presentations before an impressive array of departmental and guest judges, and the following were awarded the prizes for Clinical and Translational Research:

Clinical Research

1. Alice Murray, M.D., Pokala Ravi Kiran, M.D., 30-Day Mortality after Elective Colorectal Surgery Can Reasonably Be Predicted. (\$1,000).
2. Estibaliz Castellero, Ph.D., Isaac George, M.D., Prolonged Duration of Left Ventricular Assist Device Support Correlates with Worsened Cardiac Levels of CamKII?, MEF-2, Myostatin and Apoptosis. (\$500)

Translational Research

1. Julie Monteagudo, M.D., Carrie Shawber, Ph.D., Congenital Chylothorax: A Form of Lymphatic Anomaly Responsive to Propranolol. (\$1,000)
2. Joshua Weiner, M.D., Tomoaki Kato, M.D., Combined Bone Marrow Plus Liver Transplantation in Cynomolgus Monkeys. (\$500)

Congratulations also to these faculty for the following awards and accomplishments:

- To Dr. X Chen for being awarded the Provost's Grants Program for Junior Faculty who Contribute to the Diversity Goals of the University.
- To Alison Kitajeswski from Dr. June Wu's lab on winning the Crikelair Award at the 60th Annual Meeting of the Plastic Surgery Research Council for her team's presentation: Propranolol Increases Vascular Endothelial Growth Factor—A Expression in Hemangioma Stem Cells.
- To Dr. Jeffrey Ascherman who has recently had a chair endowed in his name by Mr. Irving in recognition for the excellent care he received.
- To Dr. Ravi Kiran on being invited to deliver the program-opening presentation at the recent meeting of the American Surgical Association.
- To Dr. David Kalfa on being invited to join the editorial board of the Journal of Biomedical Engineering and Informatics.
- To Dr. Elizabeth Stephens on winning 2nd place at the Moderated Resident Poster competition at the recent American Association for Thoracic Surgery for her work: Cardiac Function after Tetralogy of Fallot/Complete Atrioventricular Canal Repair.

BREAST SURGERY

Presentations

American Society of Breast Surgeons 16th Annual Meeting, Orlando, FL: 4/28/15 - 5/2/15.

Feldman S: Hidden Scar Breast Cancer Surgery Course: Approaches and technique- Florida Hospital, Nicholson Center, Celebration Center: 4/28/15

Invited Lecture: NIPPLE SPARING MASTECTOMY AND ONCOPLASTIC SURGERY: CLINICAL OUTCOMES AND DATA.

Feldman S: CALLER (Collaborative attempt to lower lumpectomy re-excisions)
Workshop Participant; Presenter, "Intraoperative Adjuncts that Correlate with Lower Re-Excision Rates".

Chan, Ojo, Bansil, Vagun, Kalesan, Pitta, Rohde, Feldman, Chen. Racial Differences in Temporal Trends of Breast Cancer Surgery Among Asian American Women, a Review of SEER data.

Bansil, Feldman, Chen, Ananthkrishnan, Taback, Connolly. Effects of Pre-operative Imaging Modality on patient Selection for Intraoperative Radiotherapy.

Mitchell, Beitch, Feldman, Willey, Manasseh. Association of Incision Type and Infection Rate in Nipple Sparing Mastectomy; A preliminary analysis of the ASBS Nipple Sparing Mastectomy registry.

Bansil, Ascherman, Grant, Borden, Henderson, Ojo, Taback, Chen, Ananthkrishnan, Vaz, Balci, Divgi, Leung, Rohde, Feldman. Single Institution Experience with Lymphatic Microsurgical Preventive Healing Approach (LYMPHA) for the Primary Prevention of Lymphedema.

Dr. Sheldon M. Feldman presented the *S. Arnold P. Gold Foundation Humanism in Medicine Award* at the Association of American Medical Colleges (AAMC) Annual Event.

CARDIAC SURGERY

Publications

Grau JB, Kushner CE, Johnson CK, Ferrari G, Zapolanski A, Brizzio ME, Shaw RE. The Effects of Using a Radial Artery in Patients Already Receiving Bilateral Internal Mammary Arteries during Coronary Bypass Grafting: 30-Day Outcomes and 14-Year Survival in a Propensity-Matched Cohort. *Eur J Cardiothorac Surg*. 2015 May 23. pii: ezv176. [Epub ahead of print]

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Grau JB, Kushner CE, Ferrari G, Wilson SR, Brizzio ME, Zapolanski A, Yallowitz J, Shaw RE, Effects of a Protocol based management of Type A Aortic Dissections. *J Surg Res*. 2015 Apr 9. pii: S0022-4804(15)00415-1. doi: 10.1016/j.jss.2015.04.018. [Epub ahead of print]

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Kurlansky P. MicroRNAs: Panacea or Pandora's box? *J Thorac Cardiovasc Surg*. 2015

Apr 2. pii: S0022-5223(15)00512-7.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Takeda K, Takayama H, Colombo PC, Yuzefpolskaya M, Fukuhara S, Han J, Kurlansky P, Mancini DM, Naka Y. Incidence and clinical significance of late right heart failure during continuous-flow left ventricular assist device support. *J Heart Lung Transplant*. 2015 Mar 26. pii: S1053-2498(15)01107-9.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Kurlansky P. Lies, damned lies, and statistics. *J Thorac Cardiovasc Surg*. 2015 Apr 1. pii: S0022-5223(15)00502-4.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Stephens EH, Ibrahimiyeh AN, Yerebakan H, Yilmaz B, Chelliah A, Levasseur S, Mosca RS, Chen JM, Chai P, Quaegebeur J, Bacha EA. Early Complete Atrioventricular Canal Repair Yields Outcomes Equivalent to Late Repair. *Ann Thorac Surg*. 2015 Apr 15. pii: S0003-4975(15)00210-6. doi: 10.1016/j.athoracsur.2015.01.063. [Epub ahead of print]

[Click here for the pdf file](#)

[Click here for PubMed link](#)

COLORECTAL SURGERY

Presentations

Kiran RP, Murray AC, Chuzan C, Estrada D, Forde KA. Combined Preoperative Mechanical Bowel Preparation with Oral Antibiotics Significantly Reduces Surgical Site Infection, Anastomotic Leak and Ileus After Colorectal Surgery. American Surgical Association, April 23, 2015, Chicago.

Murray A, Estrada Trejo DE, Pasam R, Dalen ASV, Kiran R. Laparoscopic Colectomy is Associated with a Lower Anastomotic Leak Rate than Open Surgery Society for Surgery of the Alimentary Tract, May 2015. Washington, D.C.

Murray A, Pasam R, Estrada Trejo DE, Dalen ASV, Lee-Kong S, Feingold DL, Kiran R. 30-day Mortality after Emergency Surgery for Colorectal Cancer: Who is at Risk? Society for Surgery of the Alimentary Tract, May, 2015, Washington, D.C.

American Society of Colon and Rectal Surgeons, Annual Scientific Meeting, May 30-
June 3 2015, Boston

- Total Proctocolectomy with Ileal Pouch Anal Anastomosis: Does Disease Influence Outcomes?
- Organ Space, Not superficial Infections, Drive Greater Risk of SSI after Rectal Resection
- Postoperative ileus is a Significant Problem after Colorectal Surgery Even in an Enhanced Recovery Protocol
- Inpatient Hospital Readmission Based on Discharge Destination after Colorectal Surgery

GI/ENDOCRINE SURGERY

Publications

Kluger MD, Salceda JA, Laurent A, Tayar C, Duvoux C, Decaens T, Luciani A, Van Nhieu JT, Azoulay D, Cherqui D. Liver resection for hepatocellular carcinoma in 313 Western patients: Tumor biology and underlying liver rather than tumor size drive prognosis. *J Hepatol.* 2015 May;62(5):1131-40.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

PEDIATRIC SURGERY

Publications

Polites SF, Zielinski MD, Zarroug AE, Wagie AE, Stylianos S, Habermann EB. Benchmarks for splenectomy in pediatric trauma: how are we doing? *J Pediatr Surg.* 2015 Feb;50(2):339-42. doi: 10.1016/j.jpedsurg.2014.09.001. Epub 2014 Dec 5.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

Rothenberg SS, Middlesworth W, Kadennhe-Chiweshe A, Aspelund G, Kuenzler K, Cowles R, Bodenstern L, Kay S, Shipman K, Rothenberg C, Stolar C, Stylianos S. Two

decades of experience with thoracoscopic lobectomy in infants and children: standardizing techniques for advanced thoracoscopic surgery. *J Laparoendosc Adv Surg Tech A*. 2015 May;25(5):423-8. doi: 10.1089/lap.2014.0350. Epub 2015 Jan 5.

[Click here for PubMed link](#)

PUBLIC POLICY

Publications

Evan G. Wong, MD, MPH, Emmanuel A. Ameh, MD, Sherry M. Wren, MD, Wakisa Mulwafu, MD, Mark A. Hardy, MD, Benedict C. Nwomeh, MD, MPH, Adam L. Kushner, MD, MPH and Raymond R. Price, MD, Recommendations for including surgery on the public health agenda *Journal of Surgical Research*. Published online April 9, 2015.

[Click here for the pdf file](#)

Almufleh A, Gabriel T, Tokayer L, Comerford M, Alaqeel A, Kurlansky P. Role of community health outreach program "living for health"® in improving access to federally qualified health centers in Miami-dade county, Florida: a cross-sectional study. *BMC Health Serv Res*. 2015 Apr 28;15(1):181. doi: 10.1186/s12913-015-0826-z.

[Click here for the pdf file](#)

[Click here for PubMed link](#)

SURGICAL EDUCATION

Presentations

April 2015: AAMC Northeast Group on Educational Affairs Annual Retreat.

Hsieh C, Nowygrod R, Henry R. Medical Students' Observations of Technical Versus Non-Technical Skills Teaching During the General Surgery Clerkship. Association of American Medical Colleges Northeast Group on Educational Affairs Spring Regional Meeting, April 17-18, 2015, University of Massachusetts.

Columbia University
Department of Surgery
630 West 168th Street
Box 94
New York, NY 10032
info@columbiasurgery.org

