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and Surgeons*

Dear Faculty,

Please find below the Department of Surgery's July research e-newsletter to share our department's publications, presentations, and awards from June 2014. We appreciate your support in bringing awareness and focus to our research enterprise.

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](mailto:pk2245@columbia.edu)) or myself ([crs2@cumc.columbia.edu](mailto:crs2@cumc.columbia.edu)) with your confirmed publications, presentations, and grants as we will continue to send this newsletter monthly.

Warmly,  
Craig Smith, MD

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## GRANTS AND AWARDS

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### **Research Initiatives in Science and Engineering (RISE Award)**

Sheldon Feldman, Vivian Milstein Associate Professor of Clinical Surgery, Chief, Division of Breast Surgery, in collaboration with Christine Hendon, Assistant Professor of Electrical Engineering and Hanina Hibshoosh, Professor of Clinical Pathology and Cell Biology received Columbia University RISE (Research Initiatives in Science and Engineering) funding for his innovative work on: "Optical Coherence Tomography imaging for the early detection of Ductal Carcinoma in Situ."

### **Blakemore Prizes**

Alejandro Garcia, in collaboration with Angela Kadenhe-Chiweshe, sponsor, received the Blakemore Prize for the best body of Research during the general surgery training program for clinical research in pediatric surgery, including 15 published manuscripts

with first authorship on 10.

Blakemore Awards also went to Megan Winner for outcomes research, Irene Epelboym for clinical studies of laparoscopic cholecystectomy, Abbey Fingeret for research in medical education, and Connie Keung for studies of mesenteric thrombosis and lymphatic malformations.

### **American Pediatric Surgical Association Folkman Award**

Connie Keung was awarded the Folkman Award at the American Pediatric Surgical Association fClick here for PubMed link Keung CH, Monteagudo J, Liou P, Kitajewski CK, Reiley M, Andrews JP, Wu JK, Shawber CJ, Kandel JJ. Propranolol as a novel therapy for lymphatic malformations.

American Pediatric Surgical Association, Annual Meeting, Phoenix, May 29-June 1, 2014.

*The Judah Folkman Memorial Award for outstanding research presentations, given during the APSA Annual Meeting, is judged on scientific merit and actual presentation. This award was created in honor of Dr. M. Judah Folkman and his legacy of leadership in our organization, the tremendous body of work he left behind and the way he selflessly shared his art of medicine with so many students and the art of healing with so many children and families.*

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## **CARDIAC SURGERY**

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### **Publications**

Grau JB, Eckhauser A, Hargrove WC, III. "Endoscopic Mitral Repair: Evolution to Robotics – Endo-balloon Aortic Occlusion Technique". In: Chitwood JWR, (ed). Atlas of Robotic Cardiac Surgery: Springer London, 2014:189-97.

Grau JB, Johnson CK, Steinberg JS. "Robotically Assisted Lead Implantation for Cardiac Resynchronization Therapy in a Reoperative Patient". In: Yu, CM, Hayes, D.L.; Auricchio A., (ed). Cases in Cardiac Resynchronization Therapy: Elsevier, 2014: Chapter 21 [eBook].

Grau JB, Johnson CK, Musat D, Steinberg JS. "Video-Assisted Thoracotomy Surgery for Implantation of an Epicardial Left Ventricular Lead". In: Yu, CM, Hayes, D.L.; Auricchio A., (ed). Cases in Cardiac Resynchronization Therapy: Elsevier, 2014: Chapter 16 [eBook].

Radu MD , Räber L, Kalesan B, Muramatsu T, Kelbæk H, Heo J, Jørgensen E, Helqvist S, Farooq V, Brugaletta S, Garcia-Garcia HM, Jüni P, Saunamäki K, Windecker S, Serruys PW. Coronary evaginations are associated with positive vessel remodelling and are nearly absent following implantation of newer-generation drug-eluting stents: an optical coherence tomography and intravascular ultrasound study. *Eur Heart J*. 2014 Mar;35(12):795-807. doi: 10.1093/eurheartj/ehs344. Epub 2013 Oct 16.

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Taniwaki M1, Räber L, Magro M, Kalesan B, Onuma Y, Stefanini GG, van Domburg RT, Moschovitis A, Meier B, Jüni P, Serruys PW, Windecker S. Long-term comparison of everolimus-eluting stents with sirolimus- and paclitaxel-eluting stents for percutaneous coronary intervention of saphenous vein grafts. *EuroIntervention*. 2014 Apr;9(12):1432-40. doi: 10.4244/EIJV9I12A241.

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Takeda K, Takayama H, Kalesan B, Uriel N, Colombo PC, Jorde UP, Naka Y. Long-term outcome of patients on continuous-flow left ventricular assist device support. *J Thorac Cardiovasc Surg*, 2014 doi: 10.1016/j.jtcvs.2014.04.009.

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Greason KL1, Mathew V2, Suri RM2, Holmes DR2, Rihal CS2, McAndrew T3, Xu K3, Mack M4, Webb JG5, Pichard A6, Williams M7, Leon MB7, Svensson L8, Thourani V9, Smith CR7. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Prior Coronary Artery Bypass Graft Operation: A PARTNER Trial Subgroup Analysis. *Ann Thorac Surg*. 2014 May 30. pii: S0003-4975(14)00605-5. doi: 10.1016/j.athoracsur.2014.02.079.

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Havalad V, Cabreriza SE, Cheung EW, Aponte-Patel L, Wang A, Cheng B, Wang DY, Silver E, Bacha EA, Spotnitz HM. Optimized Multisite Ventricular Pacing in Postoperative Single-Ventricle Patients. *Pediatr Cardiol*. 2014 May 15. [Epub ahead of print]  
PMID: 24827078

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Kalfa D, Chai P, Bacha E. Surgical Volume-to-Outcome Relationship and Monitoring of Technical Performance in Pediatric Cardiac Surgery. *Pediatr Cardiol*. 2014 Jun 4. [Epub ahead of print].

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## COLON AND RECTAL SURGERY

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### Publications

Ahmed Ali U, Martin ST, Rao AD, Kiran RP. Impact of preoperative immunosuppressive agents on postoperative outcomes in Crohn's disease. *Dis Colon Rectum*. 2014 May;57(5):663-74.

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Gohel TD, Burke CA, Lankaala P, Podugu A, Kiran RP, Thota PN, Lopez R, Sanaka MR. Polypectomy rate: a surrogate for adenoma detection rate varies by colon segment, gender, and endoscopist. *Clin Gastroenterol Hepatol*. 2014 Jul;12(7):1137-42.

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Navaneethan U, Duvuru S, Jegadeesan R, Venkatesh PG, Gutierrez NG, Hammel J, Kiran RP, Sanaka MR. Factors associated with 30-day readmission and long-term efficacy of enteral stent placement for malignancy. *Surg Endosc*. 2014 Apr;28(4):1194-201.

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Should bypass or stoma creation be undertaken for unresectable stage IV colorectal carcinoma? Liang J, Church JM, Stocchi L, Fazio V, Kiran RP. *ANZ J Surg*. 2014 Apr;84(4):275-9.

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Kiran RP, Ali UA, Nisar PJ, Khoury W, Gu J, Shen B, Remzi FH, Hammel JP, Lavery IC, Fazio VW, Goldblum JR. Risk and location of cancer in patients with preoperative colitis-associated dysplasia undergoing proctocolectomy. *Ann Surg*. 2014 Feb;259(2):302-9.

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## **PEDIATRIC SURGERY**

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### **Presentation**

Pedroso FE, Gander JW, Oh PS, Zitsman JL. Laparoscopic vertical sleeve gastrectomy significantly improves short term weight loss as compared to laparoscopic gastric band placement in morbidly obese pediatric patients. 45th Annual Meeting, American Pediatric Surgical Association, Phoenix, AZ, May 29-June 1, 2014.

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## **PLASTIC SURGERY**

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### **Publications**

Cohen I, Ascherman J. A global update on breast implants. *Aesth Plast Surg.*2014;DOI: 10.1007/s00266-014-0352-0.

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Malliaris SD, Munabi NCO, Akelina Y, Ascherman JA. Topical cilostazol inhibits neointimal hyperplasia in a rat interposition vein graft model. *Plast Reconstr Surg.* 2014;134:106 (45P).

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## **TRANSPLANTATION**

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### **Publications**

Kawai T, Sachs DH, Sprangers B., Spitzer T, Saidman S, Zorn E, Tolkoff-Rubin N., Preffer F, Crisalli K, Gao B, Wong W, Morris H, LoCascio S, Sayre P, Shonts B, Williams W, Smith R, Colvin R, Sykes M, Cosimi A. Long-Term Results in Recipients of combined HLA-Mismatched Kidney and Bone Marrow Transplantation Without Maintenance Immunosuppression. *American Journal of Transplantation.* 2014; Jun 5.

doi: 10.1111/ajt.12731. [Epub ahead of print].

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*Although published last year, this article by our liver transplant team was listed in the June 4, 2014 Issue of MD Linx as one of the articles most read by US physician subscribers:*

Samstein B<sup>1</sup>, Cherqui D, Rotellar F, Griesemer A, Halazun KJ, Kato T, Guarrera J, Emond JC. Totally laparoscopic full left hepatectomy for living donor liver transplantation in adolescents and adults. Am J Transplant. 2013 Sep;13(9):2462-6. doi: 10.1111/ajt.12360.

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