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and Surgeons*

Dear Colleagues,

I am pleased to share an exciting list of new grants, awards, and publications below. Congratulations to you all, and thank you for continuing to keep us updated about your excellent work.

Please continue 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.

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.

Thank you,  
Craig Smith, MD

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## CONGRATULATIONS

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Dr. Sheldon Feldman on being selected by the Arnold P. Gold Foundation as a member of the Gold Humanism Honor Society August 11, 2014 for his integrity, compassion, altruism, respect, empathy and service combined with clinical excellence in the provision of optimal patient care.

Dr. Megan Sykes on being awarded 10/01/2014 – 9/30/2015 Roche Organ Transplantation Research Foundation Research Award, Recognizing Excellence in Organ Transplantation Research, as Principal Investigator for A blood biomarker of kidney transplant outcomes: tracking and donor-reactive T cells.

Dr. Nicholas Morrissey on receiving the following grants for his research in venous thromboembolism:

\$5,000 from Ruth Lilly Foundation for VTE Research

\$5,000 from McConnell Foundation for VTE Research

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## **BREAST SURGERY**

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### **Presentations**

Feldman S. Invited Speaker and Chairman: Lecture: "LYMPHA(Lymphatic Microsurgical Preventative Healing Approach) Experience at Columbia University Medical Center". 40th European Society of Lymphology Congress; Genoa. Italy 9/26/14.

Feldman S. Visiting Professor; Department of Surgery; The University of Hong Kong; Queen Mary Hospital 9/16/14.

Feldman S. Visiting Professor; Optimizing Breast Conservation Department Breast Surgery; Shenzhen Medical Center, Shenzhen, China 9/17/14.

Feldman S. Keynote Speaker: The Breast Conservation Past, Present and Future 1st Symposium of Chinese Society of Breast Surgeon, South China Breast Cancer Symposium 2014: 9/18/2014; Guangzhou, China.

Feldman S. Invited Speaker: The Intraoperative Radiation(IORT) For Breast Cancer, Targit Trial, Update and Progress 5th International Oncoplastic Breast Surgery Symposium: 9/19/2014; Guangzhou, China.

Henderson, P., Feldman, S., Ascherman, J., Grant, R., Border, B., Ojo, A., Taback, B., Chen, M., Ananthakrishnan, P., Vaz, A., Rohde C.\* Quantitative assessment of subjects who have undergone LYMPHA to prevent breast cancer-related lymphedema. Annual Meeting of the American Society of Reconstructive Microsurgery. Bahamas, January 2015.

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## **CARDIAC SURGERY**

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### **Presentations**

Da Rocha e Silva J, Spampinato R, Pfanmuller B, Misfeld M, Morh FW, Borger MA. Barlow's mitral valve disease: A comparison of neochordal (loops) and edge-to-edge (Alfieri) minimally invasive repair techniques. Society of Thoracic Surgeons, 51st Annual Meeting, Sand Diego, Jan 24-28, 2015.

D Kalfa, G Krishnamurthy, S Levasseur, M Najjar, P Chai, J Chen, J Quaegebeur, E

Bacha Norwood Stage-I Palliation in Patients Less Than 2.5kg: Outcomes and Risk Analysis Society of Thoracic Surgeons, STS 51th Annual Meeting, San Diego, California, USA, Jan. 24-28th, 2015.

Kurlansky P, Traad E, Dorman M, Galbut G, Ebra G. Over three decades of follow-up demonstrates improved survival with BIMA vs. SIMA grafting in elderly patients. Chamberlain Memorial Lecture: Society of Thoracic Surgeons Annual Meeting, San Diego, Jan 2015.

Sorabella R, Smith CR, Argenziano M, Naka Y, Williams M, Takayama H, Kalesan B, Gordon RJ, Han SM, Lambert D, Vandenberg JC, Castellero E, Najjar M, Vasani S, Yerebakan H, George I. Early Surgery for Infective Endocarditis With Cerebral Emboli Is Not Associated With Worsened Post-Operative Outcomes. Society of Thoracic Surgeons Annual Meeting, San Diego, Jan 2015.

Shahian D, He X, O'Brien S, Kurlansky P, Badhwar V, Cleveland J, Fazzalari F, Filardo G, Furnary A, Magee M, Rankin JS, Welke K, Jacobs, J. The STS composite performance measure for surgeons: A report of the STS Quality Measurement Taskforce. Society of Thoracic Surgeons Annual Meeting, San Diego, Jan 2015.

Jacobs, J, Shahian D, He X, O'Brien S, Dokholyan R, Peterson E, Badhwar V, Cleveland J, Furnary A, Kurlansky P, Rankin JS, Welke K, Magee M, Filardo G, Han J, McDonald D, Schmitz E, Edwards F, Prager R, Grover F. Successful Linking of STS and CMS Medicare Data to Examine the Penetration, Completeness, and Representativeness of the STS Adult Cardiac Surgery Database.

Fukuhara S, Truby L, Landes E, Fujita K, Abader A, Kurlansky P, Naka Y, Takayama H. The contemporary outcomes of mechanical circulatory support in adult patients with postcardiotomy cardiogenic shock at a large tertiary care center. Society of Thoracic Surgeons Annual Meeting, San Diego, Jan 2015.

### **Book Chapters**

Tetralogy of Fallot: Transventricular repair, including pulmonary atresia without MAPCAs. Kalfa, P Chai, E Bacha. In Surgery of Conotruncal Anomalies. Lacour-Gayet, Bove, Hraska, Morell, Spray (eds). © Springer-Verlag London 2015.

### **Publications**

Greco G, Shi W, Michler RE, Meltzer DO, Ailawadi G, Hohmann SF, Thourani VH, Argenziano M, Alexander JH, Sankovic K, Gupta L, Blackstone EH, Acker MA, Russo MJ, Lee A, Burks SG, Gelijns AC, Bagiella E, Moskowitz AJ, Gardner TJ. Costs Associated With Health Care-Associated Infections in Cardiac Surgery Commentary by Dr. Valentin Fuster. *J Am Coll Cardiol.* 2015;65(1):15-23.  
doi:10.1016/j.jacc.2014.09.079.

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Najjar M, Salna M, George I. Acute kidney injury after aortic valve replacement: incidence, risk factors and outcomes. *Expert Review of Cardiovascular Therapy* 2015 Jan 16;1-16. doi:10.1586/14779072.2015.1002467.

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Najjar M, Mohar M, Stewart A, George I. Hybrid endovascular repair of Kommerell diverticulum and aberrant right subclavian artery in a patient with repaired coarctation of the aorta. *Heart, Lung and Vessels*. 2014. In press.

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Castillero E, Akashi H, Wang C, Najjar M, Ji R, Kennel PJ, Sweeney HL, Schulze PC, George I. Cardiac myostatin upregulation occurs immediately after myocardial ischemia and is involved in skeletal muscle activation of atrophy. *Biochem Biophys Res Commun*. 2015 Jan 30;457(1):106-11.

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Kalfa D, Krishnamurthy G, Duchon J, Najjar M, Levasseur S, Chai P, Chen J, Quaegebeur J, Bacha E. Outcomes of cardiac surgery in patients weighing <2.5 kg: Affect of patient-dependent and -independent variablesOriginal Research Article. *J Thorac Cardiovasc Surg* 2014;148:2499-2506.

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Kalfa D. Understanding and not only observing: The key to success in tissue engineering, *J Cardiovasc Thorac Surg*. 2014;148:2234.

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Roubertie F, Kalfa D, Vergnat, Ly M, Lambert V, Belli E. Aortopulmonary window and the interrupted aortic arch: midterm results with use of the single-patch technique. *Ann Thorac Surg*. 2015 Jan;99(1):186-91.

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Mitral disease: the real burden for Ross-Konno procedure in children. Vergnat M, Roubertie F, Lambert V, Laux D, Ly M, Roussin R, Baruteau AE, Capderou A, Kalfa D,

Belli E. Ann Thorac Surg. 2014 Dec;98(6):2165-71; discussion 2171-2.

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Stephens EH, Fahrenholtz MM, Connell PS, Timek TA, Daughters GT, Kuo JJ, Patton AM, Ingels NB, Miller DC. Cellular and Extracellular Matrix Basis for Heterogeneity in Mitral Annular Contraction Cardiovasc EngTech 2015 doi: 10.1007/s13239-014-0209-3.

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## **PEDIATRIC SURGERY**

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### **Publications**

Rothenberg SS, Middlesworth W, Kadennhe-Chiweshe A, Aspelund G, Kuenzler K, Cowles R, Bodenstein 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 Jan 5. [Epub ahead of print].

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Sen S, Duchon J, Lampl B, Aspelund G, Bacha E, Krishnamurthy G. Heterotaxy syndrome infants are at risk for early shunt failure after Ladd procedure. Ann Thorac Surg 2015 Jan 13 [Epub ahead of print].

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Pedroso FE, Gander J, Oh PS, Zitsman JL. Laparoscopic vertical sleeve gastrectomy significantly improves short term weight loss as compared to laparoscopic adjustable gastric band placement in morbidly obese adolescent patients. J Pediatr Surg. 2015 Jan;50(1):115-22. doi: 10.1016/j.jpedsurg.2014.10.014.

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## **THORACIC SURGERY**

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### **Presentations**

Singh G, Costa J, Biscotti M, Van Hassel J, Sonett JR, Bacchetta M. Antiopietin II in donor lungs is an indicator of graft quality and is associated with primary graft dysfunction after lung transplantation. Society of Thoracic Surgeons Annual Meeting, San Diego, Jan 2015.

Bacchetta M. Strategies for pulmonary failure. Society of Thoracic Surgeons Annual Meeting, Sand Diego, Jan 2015.

### **Publications**

Agerstrand CL, Burkart KM, Abrams DC, Bacchetta MD, Brodie D. Blood conservation in extracorporeal membrane oxygenation for acute respiratory distress syndrome. Ann Thorac Surg. Published online December 10, 2014.

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## **TRANSPLANTATION**

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### **Publications**

Guarrera JV1, Henry SD, Samstein B, Reznik E, Musat C, Lukose TI, Ratner LE, Brown RS Jr, Kato T, Emond JC Hypothermic machine preservation facilitates successful transplantation of "orphan" extended criteria donor livers. Am J Transplant. 2015 Jan;15(1):161-9.

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Guarrera JV Donation: Where are our opportunities for expansion? Liver Transpl. 2014 Nov; 20 Suppl 2:S2-4. doi: 10.1002/lt.24001.

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Morris H, DeWolf S, Robins H, Sprangers B, LoCascio SA, Shonts BA, Kawai T, Wong W, Yang S, Zuber J, Shen Y, Sykes M. Tracking donor-reactive T cells: Evidence for clonal deletion in tolerant kidney transplant patients. Sci. Transl. Med. 7, 272ra10 (2015).

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## VASCULAR SURGERY

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### Presentations

Morrissey N. Distal Embolization During Lower Extremity Arterial Embolization VEITH Annual Symposium November 2014 New York, NY.

Morrissey N. Endovascular Repair of Persistent Sciatic Artery Aneurysm, LINC Conference Leipzig Germany January 2015.

### Publications

Siracuse JJ, Epelboym I, Li B, Hoque R, Catz D, Morrissey NJ. External Carotid Artery Stenosis after Internal and Common Carotid Stenting. *Ann Vasc Surg.* 2014 Nov 22. pii: S0890-5096(14)00660-8. doi: 10.1016/j.avsg.2014.08.030.

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McGovern RA, Kelly KM, Chan AK, Morrissey NJ, McKhann GM 2nd. Should ventriculoatrial shunting be the procedure of choice for normal-pressure hydrocephalus? *J Neurosurg.* 2014 Jun;120(6):1458-64.

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Siracuse JJ, Gill HL, Epelboym I, Clarke NC, Kabutey NK, Kim IK, Lee JA, Morrissey NJ. The vascular surgeon's experience with adrenal venous sampling for the diagnosis of primary hyperaldosteronism. *Ann Vasc Surg.* 2014 Jul;28(5):1266-70.

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Egorova NN, Siracuse JJ, McKinsey JF, Nowygrod R. Trend, risk factors and costs of Clostridium Difficile infections in vascular surgery. *Ann Vasc Surg.* 2015 Jan 13. pii: S0890-5096(15)00015-1. doi: 10.1016/j.avsg.2014.10.031. [Epub ahead of print].

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Box 94  
New York, NY 10032  
[info@columbiasurgery.org](mailto:info@columbiasurgery.org)