

**Peer reviewed manuscripts for which at least one UVA Chief Resident in Surgery in the class of 2010 is an author.**

- **This list includes manuscripts published or in press as of July 2009.**
- **27 of these manuscripts are first author publications.**
- **9 of these include more than one member of the chief class as an author and many others include multiple other current or past UVA surgery residents.**

1. Ailawadi, G., D. J. Lapar, B. R. Swenson, S. A. Siefert, C. Lau, J. A. Kern, B. B. Peeler, K. E. Littlewood, and I. L. Kron. 2009. Model for end-stage liver disease predicts mortality for tricuspid valve surgery. *Ann Thorac Surg* 87:1460-7; discussion 1467-8.
2. Ailawadi, G., C. L. Lau, P. W. Smith, B. R. Swenson, S. A. Hennessey, C. J. Kuhn, L. M. Fedoruk, B. D. Kozower, I. L. Kron, and D. R. Jones. 2009. Does reperfusion injury still cause significant mortality after lung transplantation? *J Thorac Cardiovasc Surg* 137:688-94.
3. Ailawadi, G., P. W. Smith, T. Oka, H. Wang, B. D. Kozower, T. M. Daniel, I. L. Kron, and D. R. Jones. 2008. Effects of induction immunosuppression regimen on acute rejection, bronchiolitis obliterans, and survival after lung transplantation. *J Thorac Cardiovasc Surg* 135:594-602.
4. Ailawadi, G., B. R. Swenson, M. E. Girotti, L. M. Gazoni, B. B. Peeler, J. A. Kern, L. M. Fedoruk, and I. L. Kron. 2008. Is mitral valve repair superior to replacement in elderly patients? *Ann Thorac Surg* 86:77-85; discussion 86.
5. Bitar, G. J., C. K. Herman, M. I. Dahman, and M. A. Hoard. 2002. Basal cell nevus syndrome: guidelines for early detection. *Am Fam Physician* 65:2501-4.
6. Bitar, G. J., D. B. Nguyen, L. K. Knox, M. I. Dahman, R. F. Morgan, and G. T. Rodeheaver. 2002. Shur-clens: an agent to remove silicone gel after breast implant rupture. *Ann Plast Surg* 48:148-53.
7. Bonatti, H., T. Schmitt, J. Northup, B. Schirmer, B. R. Swenson, T. L. Pruett, R. G. Sawyer, and K. Brayman. 2008. Laparoscopic gastric banding in a kidney-pancreas transplant recipient with new onset type II diabetes mellitus associated with morbid obesity. *Clin Transplant* 22:829-32.
8. Dengel, L. T., P. W. Smith, I. L. Kron, B. D. Schirmer, C. L. Slingluff, Jr., and A. T. Schroen. 2009. Resident Research Forums Stimulate Novel Research within General Surgical Training Programs. *Journal of Surgical Education* In Press.
9. Dossett, L. A., L. A. Dageforde, B. R. Swenson, R. Metzger, H. Bonatti, R. G. Sawyer, and A. K. May. 2009. Obesity and site-specific nosocomial infection risk in the intensive care unit. *Surg Infect (Larchmt)* 10:137-42.

10. Dossett, L. A., B. R. Swenson, H. L. Evans, H. Bonatti, R. G. Sawyer, and A. K. May. 2008. Serum estradiol concentration as a predictor of death in critically ill and injured adults. *Surg Infect (Larchmt)* 9:41-8.
11. Dossett, L. A., B. R. Swenson, D. Heffernan, H. Bonatti, R. Metzger, R. G. Sawyer, and A. K. May. 2008. High levels of endogenous estrogens are associated with death in the critically injured adult. *J Trauma* 64:580-5.
12. Ellman, P. I., T. B. Reece, M. G. Law, L. M. Gazoni, R. Singh, V. E. Laubach, J. Linden, C. G. Tribble, and I. L. Kron. 2008. Adenosine A2A activation attenuates nontransplantation lung reperfusion injury. *J Surg Res* 149:3-8.
13. Gazoni, L. M., R. Carty, J. Skinner, K. J. Cherry, N. L. Harthun, I. L. Kron, C. G. Tribble, and J. A. Kern. 2006. Endoscopic versus open saphenous vein harvest for femoral to below the knee arterial bypass using saphenous vein graft. *J Vasc Surg* 44:282-7; discussion 287-8.
14. Gazoni, L. M., L. M. Fedoruk, J. A. Kern, J. M. Dent, T. B. Reece, C. G. Tribble, P. W. Smith, T. C. Lisle, and I. L. Kron. 2007. A simplified approach to degenerative disease: triangular resections of the mitral valve. *Ann Thorac Surg* 83:1658-64; discussion 1664-5.
15. Gazoni, L. M., T. L. Hedrick, P. W. Smith, C. M. Friel, B. R. Swenson, J. D. Adams, T. C. Lisle, E. F. Foley, and E. J. Ledesma. 2008. Cutaneous metastases in patients with rectal cancer: a report of six cases. *Am Surg* 74:138-40.
16. Gazoni, L. M., J. A. Kern, B. R. Swenson, J. M. Dent, P. W. Smith, D. P. Mulloy, T. B. Reece, L. M. Fedoruk, T. C. Lisle, B. B. Peeler, and I. L. Kron. 2007. A change in perspective: results for ischemic mitral valve repair are similar to mitral valve repair for degenerative disease. *Ann Thorac Surg* 84:750-7; discussion 758.
17. Gazoni, L. M., V. E. Laubach, D. P. Mulloy, A. Bellizzi, E. B. Unger, J. Linden, P. I. Ellman, T. C. Lisle, and I. L. Kron. 2008. Additive protection against lung ischemia-reperfusion injury by adenosine A2A receptor activation before procurement and during reperfusion. *J Thorac Cardiovasc Surg* 135:156-65.
18. Gazoni, L. M., C. G. Tribble, M. Q. Zhao, E. B. Unger, R. A. Farrar, P. I. Ellman, L. G. Fernandez, V. E. Laubach, and I. L. Kron. 2007. Pulmonary macrophage inhibition and inhaled nitric oxide attenuate lung ischemia-reperfusion injury. *Ann Thorac Surg* 84:247-53.
19. Hedrick, T. L., A. S. Schulman, S. T. McElearney, R. L. Smith, B. R. Swenson, H. L. Evans, J. D. Truwit, W. M. Scheld, and R. G. Sawyer. 2008. Outbreak of resistant *Pseudomonas aeruginosa* infections during a quarterly cycling antibiotic regimen. *Surg Infect (Larchmt)* 9:139-52.

20. Hedrick, T. L., P. W. Smith, L. M. Gazoni, and R. G. Sawyer. 2007. The appropriate use of antibiotics in surgery: a review of surgical infections. *Curr Probl Surg* 44:635-75.
21. Hedrick, T. L., R. L. Smith, S. T. McElearney, H. L. Evans, P. W. Smith, T. L. Pruett, J. S. Young, and R. G. Sawyer. 2008. Differences in early- and late-onset ventilator-associated pneumonia between surgical and trauma patients in a combined surgical or trauma intensive care unit. *J Trauma* 64:714-20.
22. Hersh, R. E., J. M. Jack, M. I. Dahman, R. F. Morgan, and D. B. Drake. 2001. The vacuum-assisted closure device as a bridge to sternal wound closure. *Ann Plast Surg* 46:250-4.
23. Hirsh, A. J., B. F. Molino, J. Zhang, N. Astakhova, W. B. Geiss, B. J. Sargent, B. D. Swenson, A. Usyatinsky, M. J. Wyle, R. C. Boucher, R. T. Smith, A. Zamurs, and M. R. Johnson. 2006. Design, synthesis, and structure-activity relationships of novel 2-substituted pyrazinoylguanidine epithelial sodium channel blockers: drugs for cystic fibrosis and chronic bronchitis. *J Med Chem* 49:4098-115.
24. Jones, D. R., A. B. Vaughters, P. W. Smith, T. M. Daniel, K. R. Shen, and J. L. Heinzmann. 2006. Economic assessment of the general thoracic surgery outpatient service. *Ann Thorac Surg* 82:1068-71.
25. Kern, J. A., A. H. Matsumoto, C. G. Tribble, L. M. Gazoni, B. B. Peeler, N. L. Harthun, T. Chong, K. J. Cherry, M. D. Dake, J. S. Angle, and I. L. Kron. 2006. Thoracic aortic endografting is the treatment of choice for elderly patients with thoracic aortic disease. *Ann Surg* 243:815-20; discussion 820-3.
26. Lisic, E. C., M. Phillips, D. Ensor, K. L. Nash, A. Beets, and F. F. Knapp. 2001. Synthesis of a new bisphosphonic acid ligand (SEDP) and preparation of a (188)Re-(Sn)SEDP bone seeking radiotracer. *Nucl Med Biol* 28:419-24.
27. Lisle, T. C., K. M. Barrett, L. M. Gazoni, B. R. Swenson, C. D. Scott, A. Kazemi, J. A. Kern, B. B. Peeler, I. L. Kron, and K. C. Johnston. 2008. Timing of stroke after cardiopulmonary bypass determines mortality. *Ann Thorac Surg* 85:1556-62; discussion 1562-3.
28. Lisle, T. C., L. M. Gazoni, L. G. Fernandez, A. K. Sharma, A. M. Bellizzi, G. D. Schifflett, V. E. Laubach, and I. L. Kron. 2008. Inflammatory lung injury after cardiopulmonary bypass is attenuated by adenosine A(2A) receptor activation. *J Thorac Cardiovasc Surg* 136:1280-7; discussion 1287-8.
29. Liu, Y., C. E. Denlinger, B. K. Rundall, P. W. Smith, and D. R. Jones. 2006. Suberoylanilide hydroxamic acid induces Akt-mediated phosphorylation of p300, which promotes acetylation and transcriptional activation of RelA/p65. *J Biol Chem* 281:31359-68.

30. Liu, Y., P. W. Smith, and D. R. Jones. 2006. Breast cancer metastasis suppressor 1 functions as a corepressor by enhancing histone deacetylase 1-mediated deacetylation of RelA/p65 and promoting apoptosis. *Mol Cell Biol* 26:8683-96.
31. Mahajan, A., H. Ho, B. Sauer, M. S. Phillips, V. M. Shami, K. Ellen, M. Rehan, T. M. Schmitt, and M. Kahaleh. 2009. Temporary placement of fully covered self-expandable metal stents in benign biliary strictures: midterm evaluation (with video). *Gastrointest Endosc* 70:303-9.
32. Montgomery, R. A., A. A. Zachary, L. E. Ratner, D. L. Segev, J. M. Hiller, J. Houp, M. Cooper, L. Kavoussi, T. Jarrett, J. Burdick, W. R. Maley, J. K. Melancon, T. Kozlowski, C. E. Simpkins, M. Phillips, A. Desai, V. Collins, B. Reeb, E. Kraus, H. Rabb, M. S. Leffell, and D. S. Warren. 2005. Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation. *Jama* 294:1655-63.
33. Petrie Aronin, C. E., K. W. Sadik, A. L. Lay, D. B. Rion, S. S. Tholpady, R. C. Ogle, and E. A. Botchwey. 2009. Comparative effects of scaffold pore size, pore volume, and total void volume on cranial bone healing patterns using microsphere-based scaffolds. *J Biomed Mater Res A* 89:632-41.
34. Phillips, M., and J. Hyatt. 1999. Preparation of a Selectively Deuterated d-a-Tocotrienol. *Journal of Labelled Compounds and Radiopharmaceuticals* 42:1245-1249.
35. Phillips, M. S., H. Bonatti, R. B. Adams, and M. Kahaleh. 2009. Aortoenteric fistula in a patient after pancreaticoduodenectomy and enteral stenting. *Gastrointest Endosc*.
36. Phillips, M. S., S. Gosain, H. Bonatti, C. M. Friel, K. Ellen, P. G. Northup, and M. Kahaleh. 2008. Enteral stents for malignancy: a report of 46 consecutive cases over 10 years, with critical review of complications. *J Gastrointest Surg* 12:2045-50.
37. Phillips, M. S., T. L. Pruett, C. L. Berg, K. D. Hagspiel, R. G. Sawyer, and H. J. Bonatti. 2009. Takotsubo cardiomyopathy in a liver transplant recipient: a diagnosis of exclusion? *J Cardiothorac Vasc Anesth* 23:268-9.
38. Poritz, L. S., W. A. Rowe, B. R. Swenson, C. S. Hollenbeak, and W. A. Koltun. 2005. Intravenous cyclosporine for the treatment of severe steroid refractory ulcerative colitis: what is the cost? *Dis Colon Rectum* 48:1685-90.
39. Reece, T. B., L. M. Gazoni, K. J. Cherry, B. B. Peeler, M. Dake, A. H. Matsumoto, J. Angle, I. L. Kron, C. G. Tribble, and J. A. Kern. 2007. Reevaluating the need for left subclavian artery revascularization with thoracic endovascular aortic repair. *Ann Thorac Surg* 84:1201-5; discussion 1205.

40. Reece, T. B., C. G. Tribble, D. O. Okonkwo, J. D. Davis, T. S. Maxey, L. M. Gazoni, J. Linden, I. L. Kron, and J. A. Kern. 2008. Early adenosine receptor activation ameliorates spinal cord reperfusion injury. *J Cardiovasc Med (Hagerstown)* 9:363-7.
41. Reece, T. B., C. G. Tribble, B. B. Peeler, R. R. Singh, L. M. Gazoni, I. L. Kron, and J. A. Kern. 2009. Elective hypothermic circulatory arrest to address aortic pathology is safe for the elderly. *J Card Surg* 24:240-4.
42. Sadik, K. W., H. Bonatti, and T. Schmitt. 2008. Injection of fibrin glue for temporary treatment of an ascites leak from a ruptured umbilical hernia in a patient with liver cirrhosis. *Surgery* 143:574.
43. Sadik, K. W., M. R. Kell, F. Fleming, M. J. Kerin, and T. F. Gorey. 2004. Minimally invasive parathyroidectomy utilising surgical sonography. *Irish Journal of Medical Science* 173.
44. Sadik, K. W., and K. McGuigan. 1998. Maximising the inactivation of faecal bacteria using solar radiation. *Journal of the Irish College of Physicians and Surgeons* 27.
45. Sadik, K. W., A. Vorenberg, and B. Schirmer. 2009. A Case of Concomitant Pneumothorax and Pneumoperitoneum. *J Laparoendosc Adv Surg Tech A*.
46. Schulman, A. S., K. F. Willcutts, J. A. Claridge, H. L. Evans, A. E. Radigan, K. B. O'Donnell, J. R. Camden, T. W. Chong, S. T. McElearney, R. L. Smith, L. M. Gazoni, H. M. Farinholt, C. C. Heuser, S. M. Lowson, B. D. Schirmer, J. S. Young, and R. G. Sawyer. 2005. Does the addition of glutamine to enteral feeds affect patient mortality? *Crit Care Med* 33:2501-6.
47. Shami, V. M., J. P. Talreja, A. Mahajan, M. S. Phillips, P. Yeaton, and M. Kahaleh. 2008. EUS-guided drainage of bilomas: a new alternative? *Gastrointest Endosc* 67:136-40.
48. Singh, R. R., P. Warren, P. Smith, and W. Wilson. 2006. Image of the month. Paraduodenal Hernia. *Arch Surg* 141:711-2.
49. Smith, P. W., C. E. Denlinger, and D. R. Jones. 2006. Novel targeted therapies for non-small cell lung cancer. *Thorac Surg Clin* 16:353-66.
50. Smith, P. W., Y. Liu, S. A. Siefert, C. A. Moskaluk, G. R. Petroni, and D. R. Jones. 2009. Breast cancer metastasis suppressor 1 (BRMS1) suppresses metastasis and correlates with improved patient survival in non-small cell lung cancer. *Cancer Lett* 276:196-203.
51. Smith, P. W., K. C. Turza, C. O. Carter, M. L. Vance, E. R. Laws, and J. B. Hanks. 2009. Bilateral adrenalectomy for refractory Cushing disease: a safe and definitive therapy. *J Am Coll Surg* 208:1059-64.

52. Smith, P. W., H. Wang, L. M. Gazoni, K. R. Shen, T. M. Daniel, and D. R. Jones. 2007. Obesity does not increase complications after anatomic resection for non-small cell lung cancer. *Ann Thorac Surg* 84:1098-105; discussion 1105-6.
53. Smith, P. W., H. Wang, V. Parini, J. S. Zolak, K. R. Shen, T. M. Daniel, M. K. Robbins, C. G. Tribble, I. L. Kron, and D. R. Jones. 2006. Lung transplantation in patients 60 years and older: results, complications, and outcomes. *Ann Thorac Surg* 82:1835-41; discussion 1841.
54. Smith, R. L., H. L. Evans, T. W. Chong, S. T. McElearney, T. L. Hedrick, B. R. Swenson, W. M. Scheld, T. L. Pruett, and R. G. Sawyer. 2008. Reduction in rates of methicillin-resistant *Staphylococcus aureus* infection after introduction of quarterly linezolid-vancomycin cycling in a surgical intensive care unit. *Surg Infect (Larchmt)* 9:423-31.
55. Stelzmueller, I., F. Aigner, J. Albright, R. Margreiter, M. Fille, B. R. Swenson, L. Dossett, and H. Bonatti. 2009. Group Milleri Streptococci in Perianal Infections. *Colorectal Dis*.
56. Stelzmueller, I., S. Wiesmayr, B. R. Swenson, M. Biebl, H. Goegele, R. Margreiter, and H. Bonatti. 2007. Rotavirus enteritis in solid organ transplant recipients: an underestimated problem? *Transpl Infect Dis* 9:281-5.
57. Stokes, J. B., K. S. Graw, L. T. Dengel, B. R. Swenson, T. W. Bauer, C. L. Slingluff, Jr., and E. J. Ledesma. 2009. Patients With Merkel Cell Carcinoma Tumors  $\leq 1.0$  cm in Diameter Are Unlikely to Harbor Regional Lymph Node Metastasis. *J Clin Oncol*.
58. Swenson, B. R., T. R. Camp, D. P. Mulloy, and R. G. Sawyer. 2008. Antimicrobial-impregnated surgical incise drapes in the prevention of mesh infection after ventral hernia repair. *Surg Infect (Larchmt)* 9:23-32.
59. Swenson, B. R., T. L. Hedrick, K. Popovsky, T. L. Pruett, and R. G. Sawyer. 2007. Is fever protective in surgical patients with bloodstream infection? *J Am Coll Surg* 204:815-21; discussion 822-3.
60. Swenson, B. R., C. S. Hollenbeak, and W. A. Koltun. 2003. Factors affecting cost and length of stay associated with the ileal pouch-anal anastomosis. *Dis Colon Rectum* 46:754-61.
61. Swenson, B. R., C. S. Hollenbeak, and W. A. Koltun. 2002. Hospital costs and risk factors associated with complications of the ileal pouch anal anastomosis. *Surgery* 132:767-73; discussion 773-4.
62. Swenson, B. R., C. S. Hollenbeak, L. S. Poritz, and W. A. Koltun. 2005. Modified two-stage ileal pouch-anal anastomosis: equivalent outcomes with less resource utilization. *Dis Colon Rectum* 48:256-61.

63. Swenson, B. R., R. Metzger, T. L. Hedrick, S. T. McElearney, H. L. Evans, R. L. Smith, T. W. Chong, K. A. Popovsky, T. L. Pruett, and R. G. Sawyer. 2009. Choosing antibiotics for intra-abdominal infections: what do we mean by "high risk"? *Surg Infect (Larchmt)* 10:29-39.
64. Swenson, B. R., A. Saalwachter Schulman, M. J. Edwards, M. P. Gross, T. L. Hedrick, A. L. Weltman, C. J. Northrup, B. D. Schirmer, and R. G. Sawyer. 2007. The effect of a low-carbohydrate, high-protein diet on post laparoscopic gastric bypass weight loss: a prospective randomized trial. *J Surg Res* 142:308-13.
65. Swenson, B. R., H. A. Sanfey, and T. L. Pruett. 2007. Spontaneous fracture of allograft and massive hemorrhage after liver transplantation from a donor with Ehlers-Danlos syndrome. *Transplantation* 83:244-5.
66. Taylor, M. D., P. W. Smith, W. K. Brix, M. R. Wick, N. Theodosakis, B. R. Swenson, B. D. Kozower, and D. R. Jones. 2009. Correlations between selected tumor markers and fluorodeoxyglucose maximal standardized uptake values in esophageal cancer. *Eur J Cardiothorac Surg* 35:699-705.
67. Taylor, M. D., P. W. Smith, W. K. Brix, M. R. Wick, N. Theodosakis, B. R. Swenson, B. D. Kozower, C. L. Lau, and D. R. Jones. 2009. Fluorodeoxyglucose positron emission tomography and tumor marker expression in non-small cell lung cancer. *J Thorac Cardiovasc Surg* 137:43-8.