

## CURRICULUM VITAE

### Steven C. Cunningham, MD

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#### Education and Work Experience

- 1995 BS Chem., Creighton University, Omaha, NE (Second major: Spanish)  
1995-1997 Research Fellowship (Pre-Doctoral Intramural Research Training Award) Fellow,  
National Institute on Aging, National Institutes of Health, Baltimore, MD  
1997-2001 MD, George Washington University School of Medicine, Washington, DC  
2001-2009 Residency in General Surgery, University of Maryland, Baltimore, MD  
2003-2006 Research Fellowship, Postdoctoral, Oncology Johns Hopkins University, Baltimore, MD  
Mentor: Scott E. Kern, MD (basic science)  
Mentor: Richard D. Schulick, MD, FACS (clinical)  
2009-2010 Clinical Fellowship in Hepato-Pancreato-Biliary Surgery, Johns Hopkins University,  
Baltimore, MD  
2010-present Pancreatic and Hepatobiliary Surgeon at St. Agnes Hospital, Baltimore, MD  
2011-present Co-Director of Pancreatic & Hepatobiliary Surgery, St. Agnes Hospital Center and  
Cancer Institute, Baltimore, MD

#### Academic Affiliations and Awards

- 1994 Award for Outstanding Performance as Teaching Assistant, Creighton University  
Department of Chemistry  
1994 Award for Best of Show, Award for Sculpture, Creighton University Annual Juried  
Art Show  
1995 Departmental Award for Excellence in Modern Languages, Creighton University  
1992-1995 Member, Chemistry Club, Creighton University  
1993-1995 Member, Spanish Club, Creighton University  
1993-2000 Member, ΦΣΤ Philosophy Honor Society  
1994-1996 Member, ΓΣΕ Chemistry Honor Society  
1997-present Member, American Medical Association  
1997-present Member, ΣΞ Scientific Research Society  
1998 Winner, *The New Physician* Annual Poetry Contest  
2001-present Member, American College of Surgeons  
2004 Resident Research Award, Surgical Infection Society  
2004 First-Place Award, ACS Committee on Trauma Regional Residents' Competition  
2004-present Member, Association for Academic Surgery  
2005-present Member, Society of Surgical Oncology  
2008-present Member, Society of American Gastrointestinal & Endoscopic Surgeons

- 2009 Honorary Resident Inductee, Gold Humanism Medical Student Honor Society,  
University of Maryland Medical School
- 2009-present Member, International Hepato-Pancreato-Biliary Association
- 2010-present Member, American Hepato-Pancreato-Biliary Association
- 2011-present Member, Society for Surgery of the Alimentary Tract
- 2011-present Member, The Pancreas Club

### Committee and Related Service

- 2002-2004 Surgery Resident Representative, Committee of Clinical Decision Support
- 2002 Surgery Resident Representative, Annual Faculty Residency Retreat
- 2010-present Member, St. Agnes Cancer Institute Committee, Baltimore, MD
- 2010-present Member, Pharmacy & Therapeutics Committee, St. Agnes Hospital, Baltimore, MD
- 2011-present Cancer Liaison Physician at Saint Agnes Hospital, American College of Surgeons,  
Commission on Cancer
- 2012-present Member, Publications Committee, Americas Hepato-Pancreato-Biliary Association

### Inventions

1. Tangible property 2007: Pancreatic MKK4/MAP2K4 knock-out cell lines for drug discovery.
2. "The BAGE Page": Web-based college education tool for teaching DNA gel electrophoresis.  
([https://jshare.johnshopkins.edu/scunnin9/BAGE\\_Page/index.htm](https://jshare.johnshopkins.edu/scunnin9/BAGE_Page/index.htm))
3. "Pancreatic Cyst Worksheet": Web-based tool to help clinicians diagnose pancreatic cysts.  
(<http://pathology.jhu.edu/pancreas/professionals/ipmn.php>)

### Volunteer and Extracurricular Activities

- 1992 Semester abroad, Schiller International University, Madrid, Spain
- 1993 Laboratory Instructor, Dept. of Chemistry, Creighton University, Omaha, NE
- 1994 Medical Volunteer with the Institute for Latin American Concern, Dominican Republic
- 1996 Course on Neurochemistry, FAES Graduate School of the NIH
- 1996 Course on G-Protein Methodology, American Society for Pharmacology and  
Experimental Therapeutics, Washington, DC, April
- 1997 Medical Ethics Conference, Center for Health Policy and Ethics, Creighton University,  
Omaha, NE, October
- 1997-2001 Contributing Editor, *Maryland Poetry Review*. Edited manuscripts, wrote articles and  
essays, and maintained web site (<http://www.marylandpoetry.org>)
- 1998-2001 Medical Editor for Johns Hopkins School of Medicine and New York State Department  
of Health AIDS Institute. Edited manuscripts
- 1999 Complementary Cancer Care Conference, Arlington, VA, June
- 2004 Course on Clinical Research, University of Maryland Department of Epidemiology and  
Preventive Medicine, July
- 2007 Travel Grant to 6<sup>th</sup> Annual Symposium on Gastrointestinal Cancers, St. Louis, MO,  
September

2011	Postgraduate Course: Advances in Preoperative Evaluation and Surgical Techniques for HPB Malignancies, Miami, FL, March
2011	Evening with the Experts Educational Series: Recent and Key Updates in Pancreatic Disease, Baltimore, MD, May
2011	Advanced Laparoscopic Liver & Distal Pancreatectomy Course, Roger Williams Medical Center, RI, November
2012	Postgraduate Course: Ultrasound for Surgeons: A Basic Course, CD-ROM, February
2012	Postgraduate Course: Ultrasound and Advanced Hepato-Pancreato-Biliary Technology, Miami, FL, March
2012	Pancreas & Related Cancers: What's New? Jefferson University, Philadelphia, PA, April

### **Bibliography (H-index = 15)**

Journals Served as Editorial Board Member:	3
Journals Requesting <i>Ad Hoc</i> Reviews:	13
Publications Edited as Medical Editor:	3
Publications Authored, in Periodicals:	69
Publications Authored, Book Chapters:	8
Educational Videos:	1
Interview Videos:	4
Nonscientific Writing:	2
Selected Posters, Presentations and Abstracts:	40
<b>Total:</b>	<b>143</b>

### Journals Served as Editorial Board Member

1. 2010 - present *Global Journal of Surgery*
2. 2011 - present *World Journal of Surgical Procedures*
3. 2012 - present *Surgical Science*

### Journals Served as *Ad Hoc* Reviewer

1. 2009 - present *Archives of Surgery (now JAMA Surgery)*
2. 2009 - present *Annals of Surgical Oncology*
3. 2010 - present *Radiation Oncology*
4. 2011 - present *Journal of the Pancreas*
5. 2011 - present *Gastroenterology Insights*
6. 2012 - present *Oncology Reviews*
7. 2012 - present *Digestion*
8. 2012 - present *World Journal of Surgery*
9. 2012 - present *Annals of Surgery*
10. 2012 - present *World Journal of Gastroenterology*
11. 2012 - present *Hepatobiliary & Pancreatic Diseases International*
12. 2013 - present *Food and Chemical Toxicology*
13. 2013 - present *HPB (Oxford)*

### Publications Edited as Medical Editor

1. Perinatal Transmission Prevention Committee. *Prevention of perinatal HIV transmission: Clinical guidelines*. 3<sup>rd</sup> ed. New York, NY: New York State Dept of Health AIDS Institute and Johns Hopkins University School of Medicine; March 2000 (Medical Editors: **Cunningham SC** and Gorospe M).
2. Medical Care Criteria Committee. *Criteria for the medical care of adults with HIV infection*. New York, NY: New York State Dept of Health AIDS Institute and Johns Hopkins University School of Medicine; March 2000 (Medical Editors: **Cunningham SC**, Gorospe M and George C).
3. Mental Health Guidelines Committee. *Mental health for people with HIV infection*. New York, NY: New York State Dept of Health AIDS Institute and Johns Hopkins University School of Medicine; March 2001 (Medical Editors: **Cunningham SC** and Gorospe M).

### Publications Authored, in Periodicals

1. Perichon R, Moser AB, **Cunningham SC**, Wallace WC, Roth GS, Moser HW. Peroxisomal disease cell lines with cellular plasmalogen deficiency have impaired muscarinic cholinergic signal transduction activity and amyloid precursor protein secretion. *Biochem Biophys Res Commun* 1998;284:57-61.
2. Perichon R, Droy-Lefaix M-T, Kelly JF, **Cunningham SC**, Mason RP and Roth GS. Effect of EGb761 on muscarinic cholinergic signal transduction in rat brain xynaptosomes during aging. In: Packer L, Christian Y, eds. *Advances in Ginkgo biloba (EGb 761) Research. vol. 7; Ginkgo biloba Extract (EGb 761): Lessons from Cell Biology*, (1998).
3. **Cunningham SC**. Psychologists. *Psych News*. September 17, 1999;34(18):22.
4. **Cunningham SC**, Cusnir M, Moesinger R. Neoadjuvant chemoradiation to convert locally advanced pancreatic head adenocarcinoma to resectable disease: Case report and review of the literature. *Clin Adv Hematol Oncol*. 2003;1:741-743.
5. **Cunningham SC**, Shibata D, Volpe C. Isolated abdominal wound metastasis from a gastrointestinal stromal tumor. *Int J Gastrointest Cancer*. 2003;33:129-32.
6. **Cunningham SC**, Napolitano LM. Necrotizing soft tissue infection from decubitus ulcer after spinal cord injury. *Spine*. 2004;29:E172-4.
7. **Cunningham SC**, Napolitano LM. Steatocystoma simplex. *Surgery*. 2004;136:97-98.
8. **Cunningham SC**, Napolitano LM. Splenectomy for massive splenomegaly of polycythemia vera. *Am J Surg*. 2004;198:94-95.
9. **Cunningham SC**, Sohn TA, Ryu B, Kern SE. Nonspecific enhancement of gene expression by compounds identified in high-throughput cell-based screening. *BioTechniques*. 2004;37:120-122.
10. **Cunningham SC**, Napolitano LM. Pyogenic liver abscess complicating stricture of the common bile duct due to chronic pancreatitis. *Surg Infect*. 2004;5:188-194.
11. **Cunningham SC**, Rosson GD, Lee RH, Williams JZ, Lustman GA, Slezak S, Goldberg NH, Silverman RP. Localization of the arcuate line from surface anatomic landmarks: a cadaver study. *Ann Plast Surg*. 2004;53:129-131.

12. van der Heijden MS, Brody JR, Gallmeier E, **Cunningham SC**, Dezentje DA, Shen D, Hruban RH, and Kern SE. Functional defects in the fanconi anemia pathway in pancreatic cancer cells. *Am J Pathol*. 2004 165: 651-657.
13. **Cunningham SC**, Fakhry K, Bass BL, Napolitano LM. Neutropenic enterocolitis in adults: Case series and review of the literature. *Dig Dis Sci*. 2005;50:215-20.
14. **Cunningham SC**, Poliakova L, Silver K, Farney AC; Bartlett ST, Philosophe B, Leeser DB. Treating refractory chronic pancreatitis with total pancreatectomy and islet autotransplantation. *Contemp Surg*. 2005;61:192-198.
15. Janas AM\*, **Cunningham SC\***, Duffy KB, Devan BD, Greig NH, Holloway HW, Yu QS, Markowska AL, Ingram DK, Spangler EL. The cholinesterase inhibitor, phenserine, improves Morris water maze performance of scopolamine-treated rats. *Life Sci*. 2005;76:1073-81. \* **FIRST AUTHOR SHARED**
16. **Cunningham SC**, Kamangar F, Kim MP, Hammoud S, Haque R, Maitra A, Montgomery E, Heitmiller RE, Choti MA, Lillemoe KD, Cameron JL, Yeo CJ, Schulick RD. Survival after gastric adenocarcinoma resection: Eighteen-year experience at a single institution. *J Gastrointest Surg*. 2005;9:718-725.
17. van der Heijden MS, Brody JR, Dezentje DA, Gallmeier E, **Cunningham SC**, Swartz MJ, DeMarzo AM, Offerhaus GJ, Isacoff WH, Hruban RH, Kern SE. In vivo therapeutic responses contingent on Fanconi anemia/BRCA2 status of the tumor. *Clin Cancer Res*. 2005;11:7508-15.
18. Gallmeier E, Winter JM, **Cunningham SC**, Kahn SR, Kern SE. Novel genotoxicity assays identify norethindrone to activate p53 and phosphorylate H2AX. *Carcinogenesis*. 2005;26:1811-20.
19. **Cunningham SC**, Gannon CJ, Napolitano LM. Small-bowel diverticulosis. *Am J Surg*. 2005;190:37-8.
20. Makary MA, Winter J, Cameron JL, Campbell KA, **Cunningham SC**, Chang D, Riall TS, Yeo CJ. Pancreaticoduodenectomy in the very elderly. *J Gastrointest Surg*. 2006;10:347-356.
21. **Cunningham SC**, Kamangar F, Kim MP, Hammoud S, Haque R, Iacobuzio-Donahue CA, Maitra A, Ashfaq R, Hustinx S, Heitmiller RE, Choti MA, Lillemoe KD, Cameron JL, Yeo CJ, Schulick RD, Montgomery E. Claudin-4, mitogen-activated protein kinase kinase 4, and stratifin are markers of gastric adenocarcinoma precursor lesions. *Cancer Epidemiol Biomarkers Prev*. 2006;15:281-7.
22. **Cunningham SC**, Hansel D, Fishman E, Cameron JL. Foregut duplication cyst of the stomach. *J Gastrointest Surg* 2006;10:620-1.
23. Gallmeier E, Calhoun ES, Rago C, Brody JR, **Cunningham SC**, Hucl T, Gorospe M, Kohli M, Lengauer C, Kern SE. Targeted disruption of FANCC and FANCG in human cancer provides a preclinical model for specific therapeutic options. *Gastroenterology* 2006;130:2145-54.
24. **Cunningham SC**, Malone DL, Bochicchio GV, Genuit T, Keledjian K, Tracy JK, Scalea TM, Napolitano LM. Serum lipopolysaccharide-binding protein (LBP) concentrations in trauma victims. *Surg Infect (Larchmt)* 2006;7:251-61.
25. **Cunningham SC**, Kamangar F, Kim M, Hammoud S, Haque R, Maitra A, Montgomery E, Heitmiller RE, Choti MA, Lillemoe KD, Cameron JL, Yeo CJ, and Schulick RD. MKK4 status predicts survival after resection of gastric adenocarcinoma. *Arch Surg* 2006;141:1095-9.
26. **Cunningham SC**, Kern SE. Beverage-agarose gel electrophoresis (BAGE): A technical exercise. *CBE Life Sci Educ* 2006;5:281-6.
27. **Cunningham SC**, Suh HS, Winter JM, Montgomery E, Schulick RD, Cameron JL, Yeo CJ. Retroperitoneal paraganglioma: Single-institution experience and review of the literature. *J Gastrointest Surg* 2006;10:1156-63.

28. **Cunningham SC**, Gallmeier E, Hucl T, Dezentje DA, Calhoun ES, Falco G, Abdelmohsen K, Gorospe M, Kern SE. Targeted deletion of *MAP2K4/MKK4* in cancer cells: a detrimental phenotype manifests as decreased experimental metastases and suggests a counterweight to the evolution of tumor-suppressor loss in tumorigenesis. *Cancer Res* 2006;66:5560-4.
29. **Cunningham SC**, Gallmeier E, Hucl T, Dezentje DA, Abdelmohsen K, Gorospe M, Kern SE. A theoretical proposal: Allelic dosage of *MAP2K4/MKK4* could rationalize frequent 17p loss in diverse human cancers. *Cell Cycle* 2006;5:1090-3.
30. DeOliveira ML, Winter JM, Schafer M, **Cunningham SC**, Cameron JL, Yeo CJ, Clavien P-A. Assessment of complications after pancreatic surgery: A novel grading system applied to 633 patients undergoing pancreaticoduodenectomy. *Ann Surg* 2006;244:931-7.
31. Calhoun ES, Gallmeier E, **Cunningham SC**, Eshleman JR, Hruban RH, Kern SE. Copy-number methods dramatically underestimate loss of heterozygosity in cancer. *Genes Chromosomes Cancer* 2006;45:1070-1.
32. **Cunningham SC**. Minimally accurate nomenclature. *Surg Endosc* 2006;20:998.
33. **Cunningham SC**, Alexander HR. Porcelain gallbladder and cancer: ethnicity explains a discrepant literature? *Am J Med* 2007;120:e17-8.
34. DeOliveira ML\*, **Cunningham SC\***, Kamangar F, Lillemoe KD, Choti MA, Cameron JL, Yeo CJ, Schulick RD. Cholangiocarcinoma: 31-Year experience with 564 patients at a single institution. *Ann Surg* 2007;245:755-62. \* **FIRST AUTHOR SHARED**
35. **Cunningham SC**, Napolitano LM. Image of the month: Enterorectus fistula. *Arch Surg* 2007;142:685-6.
36. **Cunningham SC**. The least invasive name wins: Reply to Paluch, T (2006) Maximally accurate nomenclature. *Surg Endosc* 2007;21:1470-1.
37. **Cunningham SC** and Klein RV. Nomenclature question: panniculus or pannus? Answer: pannona. *J Am Coll Surg* 2007;204:726-7.
38. Gallmeier E, Hucl T, Calhoun ES, **Cunningham SC**, Bunz F, Brody JR, Kern SE. Gene-specific selection against experimental Fanconi anemia gene inactivation in human cancer. *Cancer, Biol & Ther* 2007;6(5):654-60.
39. **Cunningham SC** and Gallmeier E. The supraclavicular approach to central venous catheterization: "Simpler, safer, speedier." *J Am Coll Surg* 2007;205:514-6.
40. **Cunningham SC**, Schulick RD. Palliative management of gastric cancer. *Surg Oncol* 2007;16(4):267-75.
41. **Cunningham SC**, Choti MA, Bellavance EC, and Pawlik TM. Palliation of hepatic tumors. *Surg Oncol* 2007;16(4):277-91.
42. Nugent SL, **Cunningham SC**, Alexiev BA, Bellavance E, Papadimitriou J, Hanna N. Composite signet-ring cell/neuroendocrine carcinoma of the stomach with a metastatic neuroendocrine carcinoma component: a better prognosis entity. *Diagn Pathol* 2007;2:43. \* **FIRST AUTHOR SHARED**
43. **Cunningham SC**, Sutton ERH. **Invited Commentary**: Letter to (Fellow) Young Doctors: More Kairos with Less Chronos. *Surg Innov* 2008;15:324-31.
44. Bellavance EC, Lumpkins KM, Mentha G, Marques HP, Capussotti L, Pulitano C, Majno P, Mira P, Rubbia-Brandt L, Ferrero A, Aldrighetti L, **Cunningham SC**, Russolillo N, Philosophe B, Barroso E, Pawlik TM. Surgical management of early-stage hepatocellular carcinoma: resection or transplantation? *J Gastrointest Surg* 2008;12:1699-708.

45. **Cunningham SC**, Pawlik TM. Two-stage hepatectomy for metastatic colorectal cancer to the liver. *Curr Colorectal Cancer Rep* 2008;4:93–99.
46. **Cunningham SC**, Klein RV, Kavic SM. A nomenclature of nomenclature: Sources of terminologic uncertainty & confusion (STUC) classification and the value of communication. *Arch Surg* 2009;144:104-6.
47. **Cunningham SC**, Kavic SM. What is an intraoperative complication? *World J Surg* 2009;33:1099-100.
48. Deneve JL, Pawlik TM, **Cunningham S**, Clary B, Reddy S, Scoggins CR, Martin RC, D'Angelica M, Staley CA, Choti MA, Jarnagin WR, Schulick RD, Kooby DA. Liver cell adenoma: a multicenter analysis of risk factors for rupture and malignancy. *Ann Surg Oncol* 2009;16:640-8.
49. **Cunningham SC**, Tsai S, Marques HP, Mira P, Barroso E, Cameron A, Philosophe B, Pawlik TM. Management of early hepatocellular carcinoma in patients with well-compensated cirrhosis. *Ann Surg Oncol* 2009;16:1820-31.
50. **Cunningham SC**. Book Review: Precancer. *Cancer Biol Ther* 2010;9:945.
51. De Jong M, Farnell MB, **Cunningham SC**, Lum, YW, Winter JM, Cameron JL, Wolfgang C, Geschwind J, Georgiades C, Edil B, Herman J, Abrams R, Choti MA, Nagorney DM, Schulick, RD, Pawlik TM. Liver-directed therapy for hepatic metastasis in patients undergoing pancreaticoduodenectomy: a multi-center analysis. *Ann Surg* 2010;252:142-8.
52. **Cunningham SC**, Gallmeier E, and Kern SE. MKK4 as oncogene or tumor suppressor: In cancer and senescence, the story's getting old. *Aging* 2010;2:752.
53. **Cunningham SC**, Hruban RH, Schulick RD. Differentiating IPMN from other pancreatic cystic lesion. *W J Gastrointest Surg* 2010;2:331-6.
54. Kahn J, Pawlik TM, and **Cunningham SC**. No small issue: Minimally invasive but more than minimally biased toward minor resections? *J Am Coll Surg* 2010;212:134.
55. Shah PA, **Cunningham SC**, Daly BD. Hepatic gas: Widening spectrum of causes detected at CT and US in the interventional era. *RadioGraphics* 2011;31:1403-1413.
56. Gueorguiev A, Kowdley CG, Mackey R, Esquivel J, and **Cunningham SC**. Minimally invasive evaluation and treatment of colorectal liver metastases. *Internatl J Surg Onc* 2011;2011:686030.
57. Haddad AJ, Banihani M, Pawlik TM, and **Cunningham SC**. Metastatic colorectal cancer. *Internatl J Surg Onc* 2011;2011:285840.
58. Merchant N, David CS, and **Cunningham SC**. Early hepatocellular carcinoma: Transplantation versus resection: The case for resection. *Internatl J Hepatol* 2011;2011:142085.
59. Haddad A, Kowdley GC, Pawlik TM, and **Cunningham SC**. Hereditary pancreatic and hepatobiliary cancers. *Internatl J Surg Onc* 2011;2011:154673.
60. Kneuert PJ,\* **Cunningham SC**,\* Cameron JL, Torrez S, Tapazoglou N, Herman JM, Makary MA, Eckhauser F, Hirose K, Edil BH, Choti MA, Schulick RD; Wolfgang CL, Pawlik, TM. Palliative surgical management of patients with unresectable pancreatic adenocarcinoma: Trends and lessons learned from a large, single-institution experience. *J Gastrointest Surg* 2011;11:1917 \* **FIRST AUTHOR SHARED**
61. Jani N, Bani Hani M, Schulick RD, Hruban RH, and **Cunningham SC**. Diagnosis and management of cystic lesions of the pancreas. *Diag Ther Endosc* 2011;2011:478913.

62. Kowdley GC, Merchant N, Somerville J, Gorospe M, **Cunningham SC**. Cancer surgery in the elderly. *TSW Aging* 2012;303852.
63. Ambe C, Gonzalez-Cuyar L, Farooqui S, Hanna N, **Cunningham SC**. Ciliated Hepatic Foregut Cyst: 103 Cases in the World Literature. *Op J Pathol* 2012;2:45-49.
64. Buddensick TJ, Kamangar F, **Cunningham SC**. Updated literature on povidone-iodine for control of surgical site infections. *Ann Surg* 2012;256:e1-2.
65. Farooqui S, **Cunningham SC**. Specialty radiology and surgery. *Hepatobiliary Pancreat Dis Int* 2013 (in press).
66. Farooqui S, Ravendhran N, **Cunningham SC**. Early Hepatocellular Carcinoma: Diagnosing the Difficult Nodule. *J Cancer Ther* 2013 (in press).
67. Haddad A, Demirjian A, **Cunningham SC**. Letter to the Editor: "Impact of age over 75 years on outcomes after pancreaticoduodenectomy" *J Surg Res* 2013 (in press).
68. Darwazeh G, Villaverde AP, Kowdley GC, **Cunningham SC**. Minimally invasive treatment of colorectal liver metastases. *Min Chir* 2013 (in press).
69. Patel K, Gormley P, Iacobuzio-Donahue CA, Gormley PE, Kern SE, **Cunningham SC**. Are we systematically under-dosing patients with 5FU? *J Clin Oncol* 2013 (in press).

### Publications Authored, Book Chapters

1. **Cunningham SC**, Schulick RD. Bile Duct Cancer. In: Cameron JL, ed. *Current Surgical Therapy* 9<sup>th</sup> ed. 2008, New York, Mosby.
2. **Cunningham SC**, Moesinger RC. Liver Hemangioma. In: Cameron JL, ed. *Current Surgical Therapy* 9<sup>th</sup> ed. 2008, New York, Mosby.
3. **Cunningham SC**, Schulick RD. Extrahepatic Biliary Cancer. In: Geschwind JF and Soulen MC, eds. *Interventional Oncology: Principles and Practice*, 1<sup>st</sup> ed. 2008, New York, Cambridge University Press.
4. **Cunningham SC**, Schulick RD. Malignant Liver Tumors. In: Cameron JL, ed. *Current Surgical Therapy* 10<sup>th</sup> ed. 2010, New York, Mosby.
5. **Cunningham SC**, Gomez N, Schulick RD. Complicaciones post resecciones del páncreas. In: *Complicaciones en Cirugía*, ed. Espinoza RG. 2011, Buenos Aires, Mediterraneo.
6. **Cunningham SC**, Demirjian NA, Schulick RD. Pancreaticobiliary Surgery. In: *Master Techniques in Hepatobiliary and Pancreatic Surgery*, ed. Lillemoe K and Jarnagin W. 2012, Philadelphia, Wolters Kluwer / Lippincott Williams & Wilkins.
7. Demirjian NA, **Cunningham SC**, Palwik TM. Hilar Cholangiocarcinoma. In: *Hepatobiliary Cancer*, ed. Fong Y, Poon R, Tang ZY, Dupuy D, and Berlin JD. 2012 (In Press)
8. **Cunningham SC**, Pawlik TM. Hepatic Colorectal Metastases; Hepatic Neoplastic Cysts; Hepatic Hyatid Cysts; Hepatic Simple Cysts. In Schulick RD, ed. *Pocket General Surgery*. (In Press).



### Educational Videos

1. **Cunningham SC**, Bani Hani M, Kessler J, Blome J.. Nasogastric Tube 501 or How to Make this Tube Really Suck. 2011: [http://www.youtube.com/watch?v=fd6B80Z\\_OFk](http://www.youtube.com/watch?v=fd6B80Z_OFk)

### Interview Videos

1. **Cunningham SC**, Pancreatic and Hepatobiliary Surgery at Saint Agnes, Saint Agnes Hospital Center, 2011. [http://www.youtube.com/watch?v=ZITgirlEpFM&context=C345d4aaADOEgsToPDskJu\\_AHADWaCu3mu5zuOVGat](http://www.youtube.com/watch?v=ZITgirlEpFM&context=C345d4aaADOEgsToPDskJu_AHADWaCu3mu5zuOVGat)
2. **Cunningham SC**, Treatment of Pancreatic Cysts, Saint Agnes Hospital Center, 2011. <http://www.youtube.com/watch?feature=endscreen&NR=1&v=kS5L7aRRC1g>
3. **Cunningham SC**, The Whipple operation, Saint Agnes Hospital Center, 2011. [http://www.youtube.com/watch?v=rRQi-kZwla4&context=C345d4aaADOEgsToPDskJu\\_AHADWaCu3mu5zuOVGat](http://www.youtube.com/watch?v=rRQi-kZwla4&context=C345d4aaADOEgsToPDskJu_AHADWaCu3mu5zuOVGat)
4. **Cunningham SC**, Liver Disease Treatment, Saint Agnes Hospital Center, 2011. <http://www.youtube.com/watch?NR=1&v=XNIPOP1Hyak>

### Nonscientific Writing

1. **Cunningham SC**. *Dinosaur Name Poems* (2009 Three Conditions Press). Winner of the 2009 Moonbeam Award for Children's Poetry.
2. **Cunningham SC**. Wittgenstein, philosophy and the writing of idea poems (Submitted to *Maryland Poetry Review*).

### Selected Posters, Presentations and Abstracts

1. Harris HA, **Cunningham SC**, Rafaelle M, Ollerich J. Molecular orbital analysis of a series of transition metal-hydride complexes: An investigation of the mechanism of H-transfer "Abstracts of Papers," 208th National Meeting of the American Chemical Society, Washington, D.C., August 1994; American Chemical Society: Washington DC; INOR 193.
2. **Cunningham SC**, Fredrick MA, Snyder GA, Waters GB and Hulce M. Syntheses of axially dissymmetric Langmuir-Blodgett film amphiphiles. "Abstracts of Papers," 29th Midwest Regional Meeting of the American Chemical Society, Kansas City, November 2-5, 1994; ACS: Washington, DC; ORG 160.
3. **Cunningham SC**, Hulce M. Syntheses of Ethyl Allenoic Acid Langmuir-Blodgett Amphiphiles. Oral Presentation, Creighton Chemistry Colloquia, Creighton University, Omaha, NE, July 1994.\*
4. **Cunningham SC**, Kelly JF. Hydrodynamic studies of G q/11 complexes in rodent striatal membranes. Oral Presentation, National Institutes of Health Summer Poster Session at the Gerontology Research Center, Baltimore, MD, August 1996.\*
5. Perichon R, Droy-Lefaix M-T, Kelly JF, **Cunningham SC**, Mason P and Roth GS. Egb761 et activite de transduction du signal au niveau cerebral lors du vieillissement. Poster presentation, IPSEN Laboratories, Extrait de Ginkgo biloba (Egb761) et Biologie Moleculaire, Paris, France, July 1997.

6. Perichon R, Kelly JF, **Cunningham SC**, Moser AB, Moser HW and Roth GS. Peroxisomal disease as a model for studying the relationship between membrane lipid composition and muscarinic cholinergic receptor-mediated signal transduction. Oral presentation, 27<sup>th</sup> Annual Meeting of the Society for Neuroscience, New Orleans, LA, USA, October 1997.
7. Perichon R, **Cunningham SC**, Moser AB, Moser, HW, Kelly JF., Roth GS. Defective muscarinic cholinergic signal transduction in cell lines of patients with peroxisomal disease. Poster, 29<sup>th</sup> Annual Meeting of the American Society for Neurochemistry, Denver, CO, March 1998.
8. **Cunningham SC**, Leeser DL. Islet autotransplantation for averting diabetes following pancreatectomy for chronic pancreatitis. Oral presentation, Washington Metro Chapter of the American College of Surgeons, Washington, DC, February 2004.\*
9. **Cunningham SC**, Napolitano LM, Corwin HL, Kelly KM. Pulmonary complications associated with blood transfusions in trauma. Oral presentation, Baltimore Academy of Surgery Resident's Forum, February 2004. Winner.\*
10. **Cunningham SC**, Malone DL, Bochicchio GV, Genuit T, Keledjian K, Tracy JK, Scalea TM, Napolitano LM. Lipopolysaccharide-binding protein (LBP) concentrations in trauma victims. Oral presentation, Surgical Infection Society, 24<sup>th</sup> Annual Meeting. Indianapolis, IN, April 2004. Resident Research Award.\*
11. **Cunningham SC**, Malone DL, Bochicchio GV, Genuit T, Keledjian K, Tracy JK, Scalea TM, Napolitano LM. Lipopolysaccharide-binding protein (LBP) concentrations in trauma victims. Oral presentation, ACS Committee on Trauma Local Residents' Competition. Baltimore, MD, October 2004. First-place award.\*
12. **Cunningham SC**, Malone DL, Bochicchio GV, Genuit T, Keledjian K, Tracy JK, Scalea TM, Napolitano LM. Lipopolysaccharide-binding protein (LBP) concentrations in trauma victims. Oral presentation, ACS Committee on Trauma Regional Residents' Competition. Washington, DC, December 2004. First-place award.\*
13. **Cunningham SC**, Kamangar F, Kim M, Hammoud S, Haque R, Maitra A, Montgomery E, Heitmiller RE, Choti MA, Lillemoe KD, Cameron JL, Yeo CJ, and Schulick RD. Lack of Mkk4 expression in gastric adenocarcinoma predicts poor Survival after resection. Oral presentation, 66<sup>th</sup> Annual Meeting of the Society of University Surgeons. Nashville, TN, February 2005.\*
14. Montgomery E, **Cunningham SC**, Schulick RD, Yeo CJ, Haque R, Hammoud S, Hustinx S, Kim MP, Iacobuzio-Donahue C, Ashfaq R, Kamangar F, and Maitra A. Identification of novel cellular targets in the progression model of gastric adenocarcinoma. Oral presentation, United States and Canadian Academy of Pathology Annual Meeting. San Antonio, TX, March 2005.
15. **Cunningham SC**, Kamangar F, Haque R, Hammoud S, Maitra A, Kim M, Yeo CJ, Lillemoe KD, Montgomery E, Schulick RD. Claudin-4, Mkk4, and stratifin are markers of gastric adenocarcinoma precursor lesions. Oral presentation, 58<sup>th</sup> Annual Meeting of the Society for Surgical Oncology. Atlanta, GA, March 3-6, 2005. (Abstract reference: *Ann Surg Oncol* 12 (2): S14-S14 Suppl. S FEB 2005).
16. Makary MA, Winter J, Cameron JL, Campbell KA, **Cunningham SC**, Chang D, Riall TS, Yeo CJ. Outcomes of pancreaticoduodenectomy among octogenarians, nonagenarians, and a centenarian. Poster presentation, 46<sup>th</sup> Annual Meeting of the Society for Surgery of the Alimentary Tract. Chicago, IL, May 14-18, 2005. (Abstract reference: *Gastroenterology* 128 (4): A814-A814 Suppl. 2, APR 2005).
17. Gallmeier E, Winter JM, **Cunningham SC**, Kahn SR, Kern SE. Novel genotoxicity assays identify norethindrone to activate p53 and phosphorylate H2AX. Poster presentation, Fellow Research Day, Sidney Kimmel Cancer Center, Johns Hopkins Medical Institutions. Baltimore, MD, April 2005.
18. Gallmeier E, Rago C, Calhoun ES, **Cunningham SC**, Brody JR, Gorospe M, Lengauer C, Kern SE. Targeted disruption of FANCC, FANCD2, and FANCG: a syngeneic, somatic cell model to study Fanconi

- anemia gene defects in human cancer cells. Poster presentation, Fellow Research Day, Sidney Kimmel Cancer Center, Johns Hopkins Medical Institutions. Baltimore, MD, April 2005.
19. DeOliveira ML, **Cunningham SC**, Kamangar F, Lillemoe KD, Choti MA, Cameron JL, Yeo CJ, Schulick RD. Cholangiocarcinoma: 564 Consecutive Patients from a Single Institution. Oral presentation, 7<sup>th</sup> World Congress of the International Hepato-Pancreato-Biliary Association. Edinburgh, Scotland, September 2006.
  20. DeOliveira ML, Winter JM, Schafer M, **Cunningham SC**, Cameron JL, Yeo CJ, Clavien P-A. Assessment of Complications after Pancreatic Surgery: A Novel Grading System Applied to 633 Patients Undergoing Pancreaticoduodenectomy. Oral presentation, American Hepato-Pancreato-Biliary Association Meeting, Miami, FL, March 2006.
  21. Shah PA, **Cunningham SC**, Daly BD. Spectrum and Clinical Relevance of Hepatic Gas on CT or US Imaging. Poster presentation, Radiological Society of North America. Chicago, IL, November 2007.
  22. Deneve, Clary, Reddy, **Cunningham SC**, Pawlik TM, Scoggins, Martin, Staley, Kooby. Liver Cell Adenoma: A Multicenter Analysis of Risk Factors for Rupture in 105 cases. Oral presentation, American Hepato-Pancreato-Biliary Association, Ft. Lauderdale, FL, March 2008.
  23. Bellavance E, **Cunningham SC**, Lumpkins KM, Maley W, Drachenberg C, Schulick RD, Cameron A, Choti MA, Hanna N, Philosophe B, Pawlik TM. Surgical management of early hepatocellular carcinoma: resection or transplantation? Oral presentation, Society for Surgery of the Alimentary Tract, San Diego, CA, May 2008.
  24. **Cunningham SC**. Gastric Adenocarcinoma in Three Acts. Surgical Grand Rounds, University of Maryland Medical Center, March 26, 2009.\*
  25. **Cunningham SC**. Diagnosis and Management of Cystic Lesions of the Pancreas. Medical Grand Rounds, Saint Agnes Hospital Center, Baltimore, MD, September 30, 2010.\*
  26. **Cunningham SC**. Stomach Cancer. Surgical Grand Rounds, Saint Agnes Hospital Center, Baltimore, MD, October 15, 2010.\*
  27. **Cunningham SC**. Diagnosis and Management of Cystic Lesions of the Pancreas. Gastrointestinal Tumor Board, Carroll Hospital Center, Carroll County, MD, November, 2010.\*
  28. Kneurtz P, **Cunningham SC**, Cameron JL, Torrez S, Tapazoglou N, Herman JM, Makary MA, Eckhauser F, Hirose K, Edil BH, Choti MA, Schulick RD, Wolfgang CL, Pawlik TM. Palliative surgical management of patients with unresectable pancreatic adenocarcinoma: Trends and lessons learned from a large, single-institution experience. Oral and poster presentation, Society for Surgery of the Alimentary Tract and The Pancreas Club\*, respectively. Chicago, IL, May 2011.\*
  29. **Cunningham SC**. Chronos, Kairos, and the Self-Education of the Surgery Resident. Surgical Grand Rounds, Saint Agnes Hospital Center, Baltimore, MD, July 1, 2011.\*
  30. **Cunningham SC**. NGT 501: How to Make this Tube Really Suck (How to Protect your Patients from a Malfunctioning NGT). Nursing Practice Council. Saint Agnes Hospital Center, Baltimore, MD, September 21, 2011.\*
  31. **Cunningham SC**. How to Improve the Safety of your Patients' Nasogastric Tubes. PIPES (Performance, Improvement, Practice, Education and Safety) council. Adult Intensive Care Unit, Saint Agnes Hospital Center, Baltimore, MD, September 27, 2011.\*
  32. **Cunningham SC**. Pancreatic Cancer. Oncology Nursing Orientation Course. Oral presentation Saint Agnes Hospital Center, Cancer Institute, Baltimore, MD, December 13, 2011.\*

33. Abdo A, Jani N, **Cunningham SC**. Aggressive (Shotgun) Approach to the Nonoperative Management of Severe Pancreatic Duct Disruption. Oral and poster presentation, Americas Hepato-Pancreato-Biliary Association. March 10, 2012.\*
34. Escano M, Sarandria J, **Cunningham SC**. Splenic Littoral Cell Angioma in a 32-Year-Old Patient with Crohn's Disease: Case Report and Review of Literature. Oral presentation, Annual Meeting of the American College of Surgeons, Maryland Chapter, Baltimore, Maryland, Nov 10, 2012. (Second-Place Award Winner)
35. Carrillo M and **Cunningham SC**. Acute Pancreatitis. Medical Resident Teaching Conference. Saint Agnes Hospital Center, Baltimore, MD, February 5, 2013.\*
36. Ferdosi H, Wu B, Kowdley, Buddensick T, Sautter A, Sulkowski G, Siddique M, Kamangar F, **Cunningham SC**. Cholecystectomy in the Elderly: What are the Risks? Oral and poster presentation, Americas Hepato-Pancreato-Biliary Association. February 22, 2013.\*
37. Abdo A, **Cunningham SC**. Rock-Star and Other Shockingly Uncommon Causes of Pancreatitis? Oral and poster presentation, Americas Hepato-Pancreato-Biliary Association. February 23, 2013.\*
38. Wu B, Ferdosi H, Kowdley, Buddensick T, Sautter A, Sulkowski G, Siddique M, Kamangar F, **Cunningham SC**. Cholecystectomy in the Elderly: What are the Risks? Oral and poster presentation, Americas Hepato-Pancreato-Biliary Association. February 24, 2013.\*
39. Sarandria J, Escano M, **Cunningham SC**. A Rare Tumor that will Littorally Transform the Spleen: Littoral Cell Angioma in a 32-Year-Old Patient with Crohn's Disease and Papillary Thyroid Carcinoma. Poster presentation: American College of Physicians 10th Annual Medical Students' Steps to Success Meeting; 2013 Apr 20; Bethesda, Maryland. (Awarded Clinical Abstract Vignette Winner)
40. Patel K, Gormley P, Iacobuzio-Donahue CA, Gormley PE, Kern SE, **Cunningham SC**. Clinical Monitoring of fluoropyrimidine Activity in Pancreatoduodenectomy Specimens: Proof of Principle." Featured Poster Presentation, Pancreas Club / Digestive Disease Week. May 17, 2013.\*

\*SCC was the Presenter