

CURRICULUM VITAE FOR ACADEMIC PROMOTION
The Johns Hopkins University School of Medicine

DEMOGRAPHIC INFORMATION

Current Appointment:

University: Assistant Professor, Radiation Oncology and Molecular
Radiation Sciences
The Johns Hopkins University School of Medicine

Personal Data:

Office Address: The Johns Hopkins Hospital
The Harry and Jeanette Weinberg Building
Suite 1440
401 N. Broadway
Baltimore, Maryland 21231-2410

Office Phone: 410-502-3823
Office Fax: 410-502-1419
E-mail Address: jherma15@jhmi.edu

Education and Training:

<u>Year</u>	<u>Degree/Certificate Institution</u>	<u>Discipline</u>
1994	Undergraduate, B.S. Salisbury State University Salisbury, Maryland	Biology/Chemistry
1996	Graduate, M.Sc. University of Maryland at Baltimore Baltimore, Maryland	Epidemiology and Preventive Medicine
2000	Doctoral, M.D. University of Maryland School of Medicine Baltimore, Maryland	Medicine
2001	Post Doctoral Internship University of Michigan Health System Ann Arbor, Michigan	Internal Medicine
2001-04	Residency University of Michigan Health System	Radiation Oncology

2004-05 Ann Arbor, Michigan
Chief Resident
University of Michigan Health System Radiation Oncology
Ann Arbor, Michigan

Professional Experience:

<u>Dates</u>	<u>Positions</u>	<u>Institution</u>
2001	Board Certified	Radiation Oncology
2005-07	Instructor	Johns Hopkins University School of Medicine Department of Radiation Oncology and Molecular Radiation Sciences
January 2007	Assistant Professor	Johns Hopkins University School of Medicine Department of Radiation Oncology and Molecular Radiation Sciences

RESEARCH ACTIVITIES

Peer Reviewed Publications:

- 1) Tayebi N, Stern H, Dymarskaia I, **Herman J**, Sidransky E. 55 Base Pair Deletion in Certain Patients with Gaucher Disease Complicates Screening for Gaucher Alleles. *Am J Med Genet.* 1996; 66:316-319.
- 2) Tayebi N, **Herman J**, Ginns EI, Sidransky E. Genotype D399/R463C in a Patient with Type 3 Gaucher Disease Previously Assigned Genotype N370/R463C. *Biochem Mol Med.* 1996; 57:149-151.
- 3) Solomon G, Huddle A, Silbergeld E, **Herman J**. Manganese in Gasoline: Are We Repeating History? *New Solutions.* 1997; Winter: 17-24.
- 4) Edelman D, Ketema F, Saville R, **Herman J**, Sill AM, Gill PS, Blattner WA, Constantine NT. Specifics on the Refinement and Application of Two Serological Assays for the Detection of Antibodies to HHV-8. *J Clin Virol.* 2000; 16(3):225-237.
- 5) Suntharalingam M, Haas ML, Conley BA, Egorin MJ, Levy S, Sivasailam S, **Herman JM**, Jacobs MC, Gray WC, Ord RA, Aisner JA, Van Echo DA. The Use of Carboplatin and Paclitaxel with Daily Radiotherapy in Patients with Locally Advanced Squamous Cell Carcinomas of the Head and Neck. *Int J Radiat Oncol Biol Phys.* 2000; 47(1):49-56.

- 6) Nwokedi EC, DiBiase SJ, Jabbour S, **Herman J**, Amin P, Chin LS. Gamma Knife Stereotactic Radiosurgery for Patients with Glioblastoma Multiforme. *Neurosurgery*. 2002; 50(1):41-46.
- 7) Petit J, **Herman J**, Nagda S, DiBiase SJ, Chin LS. Radiosurgical Treatment of Trigeminal Neuralgia: Evaluating Quality of Life and Treatment Outcomes. *Int J Radiat Oncol Biol Phys*. 2003; 56(4):1147-1153.
- 8) **Herman JM**, Smith DC, Montie J, Hayman JA, Sullivan MA, Kent E, Griffith KA, Esper P, Sandler HM. Prospective Quality-of-Life Assessment in Patients Receiving Concurrent Gemcitabine and Radiotherapy as a Bladder Preservation Strategy. *Urology*. 2004; Jul 64(1):69-73.
- 9) **Herman JM**, Petit JH, Amin P, Kwok Y, Dutta PR, Chin LS. Repeat Gamma Knife Radiosurgery for Refractory or Recurrent Trigeminal Neuralgia: Treatment Outcomes and Quality-of-Life Assessment. *Int J Rad Oncol Biol Phys*. 2004; 59(1):112-116.
- 10) Kent E, Sandler H, Montie J, Lee C, **Herman J**, Esper P, Fardig J, Smith DC. Combined-Modality Therapy with Gemcitabine and Radiotherapy as a Bladder Preservation Strategy: Results of a Phase I Trial. *J Clin Oncol*. 2004; Jul 22(13):2540-2545.
- 11) Cheuk AV, Chin LS, Petit JH, **Herman JM**, Fang HB, Regine WF. Gamma Knife Surgery for Trigeminal Neuralgia: Outcome, Imaging, and Brainstem Correlates. *Int J Rad Oncol Biol Phys*. 2004; 60(2):537-541.
- 12) Alexander B, Wechsler D, Braun T, Levine J, **Herman J**, Yanik G, Hutchinson R, Pierce L. Utility of Cranial Boost in Addition to Total Body Irradiation in the Treatment of High Risk Acute Lymphoblastic Leukemia. *Int J Rad Oncol Biol Phys*. 2005; 63(4):1191-1196.
- 13) McLaughlin P, Narayana V, Pan C, Berri S, Troyer S, **Herman J**, Evans V, Roberson, P. Comparison of Day 0 and Day 14 Dosimetry for Permanent Prostate Implants Using Stranded Seeds. *Int J Rad Oncol Biol Phys*. 2006; 64(1):144-150.
- 14) McHugh J, Thomas D, **Herman J**, Ray M, Baker L, Volkan Adsay N, Rabah R, Lucas D. Primary versus Radiation-Associated Craniofacial Osteosarcoma: Biological and Clinicopathologic Comparisons. *Cancer*. 2006; 107:554-562.
- 15) Swartz MJ, Hughes MA, Frassica DA, **Herman J**, Yeo CJ, Riall TS, Lillemoe KD, Cameron JL, Donehower RC, Laheru DA, Hruban RH, Abrams RA. Adjuvant Concurrent Chemoradiation for Node-Positive Adenocarcinoma of the Duodenum. *Arch Surg*. 2007; 142(3):285-288.
- 16) Karikari CA, Roy I, Tryggestad E, Feldmann G, Pinilla C, Welsh K, Reed JC, Armour EP, Wong J, **Herman J**, Rakheja D, Maitra A. Targeting the Apoptotic

- Machinery in Pancreatic Cancers using Small Molecule Antagonists of the X-linked Inhibitor of Apoptosis Protein. *Mol Cancer Ther.* 2007; 6(3):957-966.
- 17) Lopez CA, Feng FF, **Herman JM**, Nyati M, Lawrence TS, Ljungman M. Phenylbutyrate Sensitize Human Glioblastoma Cells Lacking Wild Type p53 Function to Ionizing Radiation. *Int J Rad Onc Biol Phys.* 2007; 69(1):214-220.
- 18) Poggi MM, Suh WW, Saltz L, Konski AA, Mohiuddin M, **Herman J**, Johnstone PA. ACR Appropriateness Criteria on Treatment of Anal Cancer. *J Am Coll Radiol.* 2007; Jul;4(7):448-456.
- 19) Gleisner AL, Assumpcao L, Cameron JL, Wolfgang CL, Choti MA, **Herman JM**, Schulick RD, Pawlik TM. Is Resection of Periapillary or Pancreatic Adenocarcinoma with Synchronous Hepatic Metastasis Justified? *Cancer.* 2007; Dec 1;110(11):2484-2492.
- 20) Assumpcao L, Choti MA, Gleisner AL, Schulick RD, Swartz M, **Herman J**, Gearhart SL, Pawlik TM. Patterns of Recurrence following Liver Resection for Colorectal Metastases: Impact of Primary Rectal Tumor Site. *Arch Surg.* 2008; 143(8):743-749; discussion 749-750.
- 21) Suh WW, Johnstone PA, **Herman J**, Blackstock AW, Konski AA, Mohiuddin M, Poggi MM, Regine WF, Rich TA, Cosman BC, Saltz L. Expert Panel on Radiation Oncology-Rectal/Anal Cancer Panel: Resectable Rectal Cancer. *Int J Radiat Oncol Biol Phys.* 2008; Apr 1;70(5):1427-1430.
- 22) Slidell MB, Chang DC, Cameron JL, Wolfgang C, **Herman JM**, Schulick RD, Choti MA, Pawlik TM. Impact of Total Lymph Node Count and Lymph Node Ratio on Staging and Survival after Pancreatectomy for Pancreatic Adenocarcinoma: A Large, Population-Based Analysis. *Ann Surg Oncol.* 2008; Jan;15(1):165-174.
- 23) **Herman JM**, Swartz MJ, Hsu CC, Winter J, Pawlik TM, Sugar E, Robinson R, Laheru D, Jaffee E, Hruban R, Campbell K, Wolfgang C, Asrari F, Donehower R, Hidalgo M, Diaz Jr., L, Yeo C, Cameron J, Schulick R, Abrams R. Analysis of Adjuvant Chemotherapy and Radiation after Pancreaticoduodenectomy for Ductal Adenocarcinoma of the Pancreas: Results of a Large Prospectively Collected Database. *J Clin Oncol.* 2008; 26(21):3503-3510.
- 24) **Herman J**, Pierce LJ, Sandler HM, Griffith KA, Jabbari S, Hiniker SM, Johnson TM. Radiotherapy Using a Water Bath in the Treatment of Bowen's Disease of the Digit. *Radiother Oncol.* 2008; 88(3):398-402.
- 25) Pawlik TM, Laheru D, Hruban RH, Coleman J, Wolfgang CL, Campbell K, Ali S, Fishman EK, Schulick RD, **Herman JM**, Johns Hopkins Multidisciplinary Pancreas Clinic Team. Evaluating the Impact of a Single-Day Multidisciplinary Clinic on the

- Management of Pancreatic Cancer. *Ann Surg Oncol*. 2008; Aug;15(8):2081-2088. Epub 2008 May 7.
- 26) Reddy S, Edil B, Cameron J, Pawlik TM, **Herman JM**, Gilson M, Campbell K, Schulick R, Ahuja N, Wolfgang C. Pancreatic Resection of Isolated Metastases from Nonpancreatic Primary Cancers. *Ann Surg Oncol*. 2008;15(11):3199-3206.
- 27) Assumpcao L, Cameron JL, Wolfgang CL, Edil B, Choti MA, **Herman JM**, Geschwind JF, Hong K, Georgiades C, Schulick RD, Pawlik TM. Incidence and Management of Chyle Leaks following Pancreatic Resection: A High Volume Single-Center Institutional Experience. *J Gastrointest Surg*. 2008; 12(11):1915-1923.
- 28) Herzer KR, Rodriguez-Paz JM, Doyle PA, Flint PW, Feller-Kopman DJ, **Herman J**, Bristow RE, Cover R, Pronovost PJ, Mark LJ. A Practical Framework for Patient Care Teams to Prospectively Identify and Mitigate Clinical Hazards. *Jt Comm J Qual Patient Saf*. 2008; 35(2):72-81.
- 29) Hong K, McBride JD, Georgiades CS, Reyes DK, **Herman JM**, Kamel IR, Geschwind J. Salvage Therapy for Liver-Dominant Colorectal Metastatic Adenocarcinoma: Comparison between Transcatheter Arterial Chemoembolization versus Yttrium-90 Radioembolization. *J Vasc Interv Radiol*. 2009; 20:360-367.
- 30) Iacobuzio-Donahue CA, Fu B, Yachida S, Luo M, Abe H, Henderson CM, Vilardell F, Wang Z, Keller JW, Banerjee P, **Herman JM**, Cameron JL, Yeo CJ, Halushka MK, Eshleman JR, Raben R, Klein AP, Hruban RH, Hidalgo M, Laheru D. DPC4 Gene Status of the Primary Carcinoma Correlates with Patterns of Failure in Patients with Pancreatic Cancer. *J Clin Oncol*. 2009; 27(11):1806-1813. Epub 2009 March 9.
- 31) Nathan H, Wolfgang CL, Edil BH, Choti MA, **Herman JM**, Schulick RD, Cameron JL, Pawlik TM. Peri-Operative Mortality and Long-term Survival after Total Pancreatectomy for Pancreatic Adenocarcinoma: A Population-Based Perspective. *J Surg Oncol*. 2009; 99(2):87-92.
- 32) Asiyanbola B, Gleisner A, **Herman JM**, Choti MA, Wolfgang CL, Swartz M, Edil BH, Schulick RD, Cameron JL, Pawlik TM. Determining Pattern of Recurrence Following Pancreaticoduodenectomy and Adjuvant 5-Fluorouracil-Based Chemoradiation Therapy: Effect of Number of Metastatic Lymph Nodes and Lymph Node Ratio. *J Gastrointest Surg*. 2009; 13(4):752-759.
- 33) Rodriguez-Paz JM, Mark LJ, Herzer KR, Michelson JD, Grogan KL, **Herman J**, Hunt D, Wardlow L, Armour EP, Pronovost PJ. A Novel Process for Introducing New Intraoperative Program: A Multidisciplinary Paradigm for Mitigating Hazards and Improving Patient Safety. *Anesth Analg*. 2009; 108(1):202-210.
- 34) Blackford A, Serrano OK, Wolfgang C, Parmigiani G, Jones S, Zhang X, Parsons DW, Lin JC-H, Leary RJ, Eshleman JR, Goggins M, Jaffee EM, Iacobuzio-Donahue

- CA, Maitra A, Cameron JL, Olino K, Schulick R, Winter J, **Herman JM**, Laheru D, Vogelstein B, Kinzler KW, Velculescu VE, Hruban RH. SMAD4 Gene Mutations Are Associated with Poor Prognosis in Pancreatic Cancer. *Clin Cancer Res*. 2009; 15(14):4674-4679.
- 35) Wang L, Brune KA, Visvanathan K, Laheru D, **Herman J**, Wolfgang C, Schulick R, Cameron J, Goggins M, Hruban RH, Klein AP. Elevated Mortality from Breast and Ovarian Cancers in the Relatives of Patients with Familial Pancreatic Cancer. *Cancer Epidemiol Biomarkers Prev*. 2009; Nov;18(11):2829-2834. Epub 2009 Oct 20.
- 36) Zhou J, Hsu CC, Winter JM, Pawlik TM, Laheru D, Hughes MA, Donehower R, Wolfgang C, Akbar U, Schulick R, Cameron J, **Herman JM**. Adjuvant Chemoradiation versus Surgery Alone for Adenocarcinoma of the Ampulla of Vater. *Radiother Oncol*. 2009; 92(2):244-248.
- 37) Nathan H, Raut CP, Thornton K, **Herman JM**, Ahuja N, Schulick RD, Choti MA, Pawlik TM. Predictors of Survival after Resection of Retroperitoneal Sarcoma: A Population-based Analysis and Critical Appraisal of the AJCC Staging System. *Ann Surg*. 2009; 250(6):970-976.
- 38) Hristov B, Reddy S, Lin SH, Cameron JL, Pawlik TM, Hruban RH, Swartz, MJ, Edil BH, Kemp C, Wolfgang CL, **Herman JM**. Outcomes of Adjuvant Chemoradiation after Pancreaticoduodenectomy with Mesenterico-Portal Vein Resection for Adenocarcinoma of the Pancreas. *Int J Radiat Oncol Biol Phys*. 2010; Jan 1;76(1):176-180. Epub 2009 Apr 24.
- 39) Voong R, Davison J, Pawlik TM, Uy MO, Hsu CC, Winter J, Hruban RH, Laheru D, Rudra S, Swartz M, Nathan H, Edil B, Schulick R, Cameron J, Wolfgang CL, **Herman JM**. Clinicopathologic Review of Resected Pancreatic Adenosquamous Carcinoma: Importance of Adjuvant Chemotherapy and Radiation. *Hum Pathol*. 2010; Jan;41(1):113-122. Epub 2009 Oct 2.
- 40) Goldstein S, Ford E, Duhon M, McNutt T, Wong J, **Herman JM**. Use of Respiratory-Correlated 4-D CT Imaging to Determine Acceptable Treatment Margins for Locally Advanced Pancreatic Adenocarcinoma. *Int J Radiat Oncol Biol Phys*. 2010; Feb 1;76(2):597-602. Epub 2009 Oct 14.
- 41) Swartz MJ, Hsu CC, Pawlik TM, Winter J, Hruban RH, Guler M, Schulick RD, Cameron JL, Laheru DA, Wolfgang CL, **Herman JM**. Adjuvant chemoradiation after Pancreatic Resection for Invasive Carcinoma Associated with Intraductal Papillary Mucinous Neoplasm of the Pancreas. *Int J Radiat Oncol Biol Phys*. 2010; Mar 1;76(3):839-844. Epub 2009 Jul 31.
- 42) Hsu CC, **Herman JM**, Corsini MM, Winter JM, Callister MD, Haddock MG, Cameron JL, Pawlik TM, Schulick RD, Laheru DA, Farnell MB, Swartz MJ, Gunderson LL, Miller RC. Adjuvant Chemoradiation for Pancreatic

- Adenocarcinoma: The Johns Hopkins Hospital – Mayo Clinic Collaborative Study. *Ann Surg Oncol*. 2010; Apr;17(4):981-990. Epub 2010 Jan 20.
- 43) Winter JM, Cameron JL, Olin K, **Herman JM**, Hruban RH, Wolfgang CL, Eckhauser F, Edil B, Choti MA, Schulick RD, Pawlik TM. Clinicopathologic Analysis of Ampullary Tumors in 450 Patients: Implications for Surgical Strategy and Long-Term Prognosis. *J Gastrointest Surg*. 2010; Feb;14(2):379-387.
 - 44) Shaha M, Pandian V, Choti MA, Stotsky E, **Herman JM**, Khan Y, Libonati C, Pawlik TM, Schulick RD, Belcher AE. Transitoriness in Cancer Patients: A Cross-Sectional Survey of Lung and Gastrointestinal Cancer Patients. *Support Care Cancer*. Epub 2010 Feb 21.
 - 45) Scudiere JR, Shi C, Hruban RH, **Herman JM**, Fishman EK, Schulick RD, Wolfgang CL, Makary MA, Thornton K, Montgomery E, Horton KM. Sclerosing Mesenteritis Involving the Pancreas: A Mimicker of Pancreatic Cancer. *Am J Surg Pathol*. 2010; Apr;34(4):447-453.
 - 46) De Jong MC, Farnell MB, Scwab G, Cunningham SC, Cameron JL, Geschwind J-F, Wolfgang CL, **Herman JM**, Edil BH, Choti MA, Schulick RD, Nagorney DM, Pawlik TM. Liver-Directed Therapy for Hepatic Metastases in Patients Undergoing Pancreaticoduodenectomy: A Dual-Center Analysis. *Ann Surg*. In Press.
 - 47) Tsai S, Choti MA, Cameron JL, Assumpcao L, Gleisner AL, **Herman JM**, Eckhauser F, Edil B, Schulick RD, Wolfgang C, Pawlik TM. Impact of Obesity on Peri-operative Outcomes and Survival Following Pancreaticoduodenectomy for Pancreatic Cancer: A Large Single Institution Study. *J Gastrointest Surg*. In press.
 - 48) Redmond KJ, Nathan H, Laheru D, Edil BH, Sugar E, Choti MA, Pawlik TM, Cameron JL, Wolfgang CL, **Herman JM**. Adjuvant Chemoradiation for Adenocarcinoma of the Body and Tail of the Pancreas: The Johns Hopkins Experience. *Annals Surg Onc*. In press.
 - 49) Blackstock W, Russo SR, Konski AA, Suh WW, Cosman BC, **Herman JM**, Mohiuddin M, Poggi MM, Regine WF, Saltz L, Small W, Zook J. Local Excision in Early Stage Rectal Cancer. *Curr Probl Cancer*. In Press.
 - 50) **Herman J**, Messersmith W, Konski AA, Suh WW, Blackstock W, Cosman B, Mohiuddin M, Poggi MM, Regine WF, Saltz L, Small W, Zook J. ACR Appropriateness Criteria. Rectal Cancer Metastatic Disease at Presentation. *Curr Probl Cancer*. In Press.
 - 51) De Jong MC, Tsai S, Cameron JL, Wolfgang CL, Hirose K, Van Vledder MG, Eckhauser F, **Herman JM**, Edil BH, Choti MA, Schulick RD, Pawlik TM. Safety and Efficacy of Curative Intent Surgery for Peri-Ampullary Liver Metastasis. *J Surg Oncol*. In Press.

- 52) Horowitz DP, Hsu CC, Wang J, Makary MA, Winter JM, Robinson R, Schulick RD, Cameron JL, Pawlik TM, **Herman JM**. Adjuvant Chemoradiation Therapy after Pancreaticoduodenectomy in Elderly Patients with Pancreatic Adenocarcinoma. *Int J Radiat Oncol Biol Phys*. In Press.

Invited Reviews

- 1) Pawlik TM, Ahuja N, **Herman JM**. The Role of Radiation in Retroperitoneal Sarcomas: A Surgical Perspective. *Curr Opin Oncol*. 2007; 19(4):359-366.
- 2) Hruban RH, Maitra A, Schulick R, Laheru D, **Herman J**, Kern SE, Goggins M. Emerging Molecular Biology of Pancreatic Cancer. *Gastrointest Cancer Res*. 2008; (supp 4) S10-S15.
- 3) Hueman MT, **Herman JM**, Ahuja N. Management of Retroperitoneal Sarcomas. *Surg Clin North Am*. 2008; Jun;88(3):583-597, vii.
- 4) Hueman MT, Thornton K, **Herman JM**, Ahuja N. Management of Extremity Soft Tissue Sarcomas. *Surg Clin North Am*. 2008; Jun;88(3):539-557, vi.
- 5) Tuli R, **Herman JM**. Case Study: Adjuvant Chemotherapy and Radiation following PDD for Pancreatic Adenocarcinoma: Summary of Trials and Future Directions. *Am J Hem/Onc*. 2009; 8(3):106-111.
- 6) Ford EC, **Herman J**, Yorke E, Wahl RL. FDG-PET/CT for Image-guided and Intensity Modulated Radiotherapy. *J Nucl Med*. 2009; Oct;50(10):1655-1665. Epub 2009 Sep 16.

Research Program Building/Leadership

2006-Present: Director of The Pancreatic Multidisciplinary Clinic: Developed and currently direct a new multidisciplinary clinic. Over 900 patients have been seen in the clinic over the past 3 years. Was the first multidisciplinary clinic in the Sidney Kimmel Cancer Center and the first national MDC clinic for pancreatic cancer. The pancreatic MDC enhanced enrollment into many clinical trials and the Johns Hopkins national familial cancer registry. The model has been used to develop similar clinics in liver, prostate, head/neck, breast, and colorectal cancer.

2005-Present: Chief of gastrointestinal radiation oncology division. Built an active radiation oncology clinical and clinical research program. Established a clinical, basic science, and outcomes research working group. Mentored faculty, residents, and medical students. PI or Co-PI of several clinical trials.

2005-2009: Chief of lymphoma radiation oncology division until a lymphoma expert was identified.

2006-Present: Laboratory PI: Building a small focused laboratory effort to study combinations of vaccine and targeted therapies with radiation for translation into patients.

2007-Present: Physics translational research section for gastrointestinal malignancies. Evaluate the role of 4-D CT scans and functional imaging in treating gastrointestinal malignancies with radiation therapy.

2006-Present: Developed and direct the intraoperative radiation therapy (IORT) program at JHH. Program one of only a few in the country to offer high dose rate brachytherapy IORT for treatment of recurrent and advanced colorectal, gastrointestinal, genitourinary, and soft-tissue malignancies. Only program in the United States to treat localized rectal cancer with endorectal brachytherapy. Developed safety program for safe implementation of IORT program with anesthesia. Program has served as a model for similar initiatives.

2007-Present: Member of American College of Radiology (ACR) Appropriateness Criteria Committee Member

2010-Present: National Cancer Institute Pancreas Task Force Member

2010-Present: National Cancer Institute Neuroendocrine Tumor Task Force Member

2010-Present: Co-Organizer and Moderator for National Comprehensive Cancer Network Patient Safety Summit Program

EDUCATIONAL ACTIVITIES

Editorials:

- 1) Regine W, **Herman JM**. Adjuvant Pancreatic Cancer Therapy: No One Should Go it Alone or Be Left Behind (editorial). *Int J Radiat Oncol Biol Phys*. In press.

Book Chapters:

- 1) Pancreatic Cancer Radiotherapy. **Herman JM**. In: "Gastrointestinal Oncology: A Critical Multidisciplinary Team Approach," ed. J. Jankowski and R. Sampliner. Wiley-Blackwell. May 2008.
- 2) Radiation Sensitizers. **Herman JM** and Jabbour S. In: "Current Therapeutics," ed. D.S. Ettinger and R. Donehower. Springer Publishing. December 12, 2008.
- 3) Hepatocellular Carcinoma, Gallbladder Cancer, and Cholangiocarcinoma. **Herman JM** and Pawlik TM. In "Radiation Oncology: An Evidence Based Approach," ed. J.J. Lu and L.W. Brady. Springer Publishing. July 31, 2009.
- 4) Radiation Therapy for Colorectal Adenocarcinoma: External Beam and Intraoperative Radiation Therapy. **Herman JM** and Pawlik TM. In:

“Multidisciplinary Care of Colorectal Cancer,” ed. S. Gearhart and N. Ahuja. Elsevier Publishing. *In press*.

- 5) Patient Assessment Tools. McNutt T and **Herman JM**. In “Informatics in Radiation Oncology,” ed. G. Starkschall. *In press*.
- 6) Pancreatic and Ampullary Cancer. Christodouleas J and **Herman JM**. In “Radiation Oncology: A Question-Based Review,” ed. B. Hristov, S. Lin, and J. Christodouleas. Williams and Wilkins/Lippincott. *In press*, release date October 2010.
- 7) Colorectal and Small Bowel Cancer. Hristov B and **Herman JM**. In “Radiation Oncology: A Question-Based Review,” ed. B. Hristov, S. Lin, and J. Christodouleas. Williams and Wilkins/Lippincott. *In press*, release date October 2010.

Other Media:

- 1) Internet: Konski AA, **Herman JM**, Johnstone PA, Blackstock AW, Mohiuddin A, Poggi, MM, Regine WF, Rich TA, Suh WW, Cosman BC, Saltz L. Expert Panel on Radiation Oncology-Rectal/Anal Work Group: Recurrent Rectal Cancer. ACR Website Treatment Criteria. Online 3/08. Found at:
http://www.acr.org/SecondaryMainMenuCategories/quality_safety/app_criteria/pdf/ExpertPanelonRadiationOncologyRectalAnalWorkGroup/RecurrentRectalCancerUpdateinProgress.aspx
- 2) Internet Blog: Stereotactic Radiation Therapy and CyberKnife: Fact or Fiction? **Herman JM**. Found at: <http://apps.pathology.jhu.edu/blogs/pancreas/?p=7>.

Teaching:

- | | |
|-----------|------------------------------------------------------------------------------------------------------------------|
| 1998-2000 | Epidemiology small group leader/tutor
University of Maryland at Baltimore
School of Medicine |
| 2002-2005 | Taught Dental Students about Head and Neck Cancer Screening. |
| 2006 | Lecture to Dermatology Department on Skin Malignancies. |
| 2006 | Lecture to Medical Students on Pancreatic Cancer. |
| 2006 | Lecture to Medical Oncology Fellows on Radiation Emergencies. |
| 2007 | Cancer Center Journal Club Discussion: Use of an Intra-hepatic 5-FU Pump in Patients with Colorectal Metastasis. |
| 2007 | Grand Rounds Radiation Oncology: Rectal Cancer, Short Course vs. Long Course. |
| 2007 | Overview of Pancreatic Cancer for the Medical Student Oncology Interest Group. |
| 2008 | Medical Oncology Grand Rounds: Discussed Neoadjuvant vs. Adjuvant Pancreatic Cancer with Dr. Laheru. |
| 2008 | Medical Oncology Journal Club: Presented Paper Reviewing Access to Clinical Trials. |
| 2008 | Lecture to Oncology Fellows on Radiation Emergencies. |

- 2008 Oncology Ground Rounds: Development of a Multi-Disciplinary Cancer Clinic: Where to Start?
- 2009 Lecture to Surgical Residents on Retroperitoneal Sarcoma.
- 2009 Lecture to Surgical Residents on Gastric Cancer.
- 2009 Lecture to Surgical Residents on Rectal Cancer.
- 2009 Lecture to Surgical Residents on Pancreatic Cancer.
- 2009 Dosimetry talk: Is Radiation Therapy Needed for All Stage II and II Rectal Cancer?
- 2009 Dosimetry talk: Stereotactic Body Radiation Therapy: Is It Ready for Primetime?
- 2009 Presentation to Medical Oncology residents on localized rectal cancer.
- 2009 Medical Oncology Journal Club: Presented Paper Stereotactic Liver Radiation.
- 2010 Lecture to Medical Oncology Residents on Radiation Emergencies.
- 2010 Lecture to Medical Oncology Residents on Rectal Cancer.
- 2010 Lecture to Radiation Oncology Residents on Unresectable Pancreatic Cancer.
- 2010 Debate with Surgical Oncology on Neoadjuvant Pancreatic Cancer.

Mentoring:

Trainee	Dates	Previous/Current Position	Publications/Presentations/Awards
Michael Swartz	2006-2008	M.D. Resident Rad Onc, JHMI/University of South Dakota-Rad Onc	First author publication
Amy Chan	2006-2009	Laboratory Technician/Mayo Clinic PhD Program	Assisted with successful grant application
Sonali Rudra	2007-2008	3 rd year Medical Student, JHMI/Rad Onc Residency University of Chicago	Manuscript submitted to IJROBP
Jessica Zhou	2007-2008	3 rd year Medical Student, JHMI/Rad Onc Residency University of Michigan	First author manuscript
Boris Hristov	2007-2008	M.D. Resident Rad Onc, JHMI/MD Air Force Rad Onc	First author manuscript
Wen Ma	2007-2009	Medical Oncology Fellow JHU/Medical Oncology Roswell Park	First author manuscript submitted
Charles Hsu	2007-Present	3 rd year Medical Student, JHMI/Rad Onc Residency UCSF	First author manuscript
Steven Lin	2007-Present	M.D. Resident Rad Onc, JHMI/MD Anderson Cancer Center-Rad Onc	First author manuscript in preparation
Ranh Voong	2007-Present	3 rd year Medical Student, JHMI/Rad Onc Residency MD Anderson Cancer Center	First author manuscript

Trainee	Dates	Previous/Current Position	Publications/Presentations/Awards
Richard Tuli	2007-Present	M.D. Resident Rad Onc, JHMI/Same	First author manuscript
Michele Brenner	2008	Nuclear Medicine Fellow/National Institutes of Health	Assisted with submitted manuscript
David Horowitz	2008	3 rd year Medical Student, JHMI/Rad Onc Residency UCSF	First author manuscript
Phil Grey	2008-2010	4 rd year Medical Student, JHMI/Rad Onc Residency Harvard University	First author manuscript in preparation
Jing Zeng	2008-Present	3 rd year Medical Student, JHMI/Rad Onc Residency MD Anderson Cancer Center	First author abstract submitted to ASTRO 2011
Jingya Wang	2008-Present	3 rd year Medical Student, JHMI/Rad Onc Residency MD Anderson Cancer Center	Assisted with several manuscripts
Seth Goldstein	2008-Present	3 rd year Medical Student, JHMI/Surgery Residency JHMI	First author manuscript
Michael Gensheimer	2008-Present	3 rd year Medical Student, JHMI/Rad Onc Residency University of Washington	Manuscript in preparation, assisted with clinical trial design or IORT and Pancreas Cancer

CLINICAL ACTIVITIES

Certification:

Medical

2005 Board Certified to Practice Radiation Oncology, State of Maryland
D0063290, Exp. Date 9/30/10

Clinical (Service) Responsibilities

Gastrointestinal radiation oncology, serving as division chief and primary clinical faculty, overseeing fellows, residents, medical students, nurse practitioners, and physician assistants at the Johns Hopkins Hospital. Director of the pancreatic multidisciplinary pancreatic clinic and intraoperative radiation therapy program. Co-director of radioembolization program. Effort commitments: 50% research, 40% clinical, 5% administrative, 5% teaching.

Duties:

Outpatient clinic – See follow-up and on treatment patients every Monday.
Tuesdays – Surgery clinic coverage and pancreatic MDC.
Thursdays –New consults.
Perform intraoperative radiation therapy treatments – Wednesdays/Fridays.
Perform radioembolization procedures – Wednesdays/Fridays.
Cover inpatient consults related to gastrointestinal malignancies and urgent/emergent radiation oncology call service.
Present cases and attend weekly multidisciplinary tumor boards (colorectal, liver, pancreatic).
Assist in the development of a clinical trial infrastructure with Dr. McNutt (clinical director of physics).
Teach medical students and residents during clinic visits and radiation treatment planning.
Oversee physician assistant (Amy Hacker), clinic nurse (Meaghan McEntee), administrative assistant (Joyce Schanne), pancreas MDC coordinator (Michelle Teel).
Manage pancreatic MDC database.
Evaluate quality of life of patients with pancreatic and colorectal malignancies with patient self-report questionnaires.
Principal Investigator or Co-Principal of multiple clinical trials.

Extramural Sponsorship (GRANTS/FUNDING)

Current (Existing or Recently Funded):

AACR Career Development Award (June 2008-June 2010)

PanCan Burstein Award in Pancreatic Cancer: Principal Investigator: A translational project to study dose-escalated focused radiation therapy (RT) in combination with a pancreatic allogeneic granulocyte-macrophage colony stimulating factor (GM-CSF) secreting tumor vaccine in the management of pancreatic cancer. \$50,000 yearly (100,000 total).

NIH-National Cancer Institute, R21 (9/1/09-8/31/11)

Feasibility and Value of a Website for Assessing Patient Reported Outcomes
Amount: \$275,000

Principal Investigators: Claire Snyder, PhD and Albert Wu, MD, MPH

The purpose of this study is to assess the use, usefulness, and acceptability of a website designed to collect patient-reported outcomes from cancer outpatients and link the data with the electronic medical record.

Role: Co-Investigator (3% effort)

Previous:

Pre-Doctoral Research Training Award: (January 1995-August 1995)

National Institutes of Health (Bethesda, Maryland)

National Institute of Mental Health, Clinical Neuroscience Branch

*Conducted mutation analysis on Gaucher disease utilizing several molecular genetic techniques including automated DNA sequencing and polymerase chain reaction (PCR).

NIH Summer Research Grant (STRTP): (May 1998-August 1998)

University of Maryland Biotechnical Institute (Baltimore, Maryland)

Institute of Human Virology

*Principal Investigator: Developed an IFA to detect antibodies to HHV-8 antigens in Kaposi's Sarcoma patients.

Epidemiological Research Assistant: (August 1995-2000)

Department of Health and Mental Hygiene/UMAB School of Medicine

Lyme Disease Control Center (Baltimore, Maryland)

*Conducted an epidemiological study on Lyme disease sequelae.

Private Research Grant: (December 2004-July 2005)

University of Michigan (Ann Arbor, Michigan)

Department of Radiation Oncology

*Principal Investigator: Evaluated whether inhibition of p21 with SiRNA enhances the radiation sensitizing effects of phenylbutyrate (HDAC) on glioma cell lines. \$150,000 over two years (direct and indirect costs).

The Sol Goldman Pancreatic Cancer Research Center Pilot Project: (November 2006-2007).

Johns Hopkins Hospital (Baltimore, Maryland)

Department of Radiation Oncology

*Co-Principal Investigator: Study Evaluating the Therapeutic Efficacy of the XIAP Inhibitor (XAntag) and Focal Radiation in Pancreatic Cancer Xenografts. \$50,000

The Sol Goldman Pancreatic Cancer Research Center Pilot Project: (November 2006-November 2008).

Johns Hopkins Hospital (Baltimore, Maryland)

Department of Radiation Oncology

*Principal Investigator: The Effects of 3-D Conformal Radiation on Orthotopic Human Pancreatic Xenografts Treated with Mesothelin Directed Vaccines. \$50,000 yearly (100,000 total).

Longitudinal Cohort Study of Quality of Life and Transitoriness in Patients with Pancreatic Cancer: Grant Accepted May, 2007. \$19,800.

*Primary Investigator: Timothy M. Pawlik, M.D.

Co-Investigators: Joseph Herman, M.D., MSc Chris Wolfgang, M.D., Ph.D.

Marty Makary, M.D. Maya Shaha, Ph.D., RN, Dan Laheru, M.D.

Contracts

Previous:

NSABP R04 Gearheart (PI)

NSABP

A Clinical Trial Comparing Preoperative Radiation Therapy and Capecitabine with or without Oxaliplatin with Preoperative Radiation Therapy and Continuous Intravenous Infusion of 5-Fluorouracil with or without Oxaliplatin in the Treatment of Patients with Operable Carcinoma of the Rectum

The goal of this study is to determine if Capecitabine with radiotherapy has as much efficacy as 5-FU with radiation therapy.

Role: Co-Investigator

J0615 Kasamon (PI)

Genetech

Phase II Trial of Rituximab-ABVD for Classical Hodgkin's Lymphoma

The goal of this study is to evaluate plasma clonal immunoglobulin DNA, tumor suppressor gene methylation, and EBV DNA as biomarkers in cHL; characterize the impact of rituximab treatment on these markers; and characterize the relationship between marker detection and clinical outcome.

Role: Co-Investigator

J0533 Laheru (PI)

Pancreatic Cancer Serum and Peripheral Blood Lymphocyte Repository

To prospectively collect serum and peripheral blood lymphocyte samples from subjects with pancreatic and peri-ampullary cancer, pancreatitis or other non-malignant pancreatic conditions, from healthy, at-risk volunteers and from healthy, no-risk volunteers, in order to identify novel targets for therapeutic interventions and response to treatments.

Role: Co-Investigator

ACOSOGZ6041 Gearhart (PI)

ACOSOG

A Phase II Trial of Neoadjuvant Chemotherapy and Local Excision for uT2uN0 Rectal Cancer

The goal of this study is to determine the rate of disease-free survival at 3 years in ultrasound-staged uT2uN0 rectal cancer patients treated with CRT followed by LE.

Role: Co-investigator

J0686 Herman (PI)

University of Michigan

A Multi-Institutional Phase II Study of Neoadjuvant Gemcitabine and Oxaliplatin with Radiation Therapy in Patients with Pancreatic Cancer

The goal of this study is to evaluate the efficacy of neoadjuvant full dose chemotherapy (gemcitabine and oxaliplatin) with low dose radiation (30 Gy) in patients with resectable or borderline resectable pancreatic cancer.

Role: JHU PI, Co-investigator with University of Michigan (\$3,000 per patient for nurse administration and data management).

CALGB 80101 Herman (PI)

CALGB

Phase III Intergroup Trial of Adjuvant Chemoradiation after Resection of Gastric or Gastroesophageal Adenocarcinoma

The goal of this study is to determine whether overall survival is prolonged in patients with resected gastric adenocarcinoma who receive epirubicin, cisplatin, and infusional 5-FU (ECF) before and after infusional 5-FU plus radiotherapy (RT) when compared to those treated with bolus 5-FU and leucovorin before and after infusional 5-FU plus RT.

Role: Center PI, RTOG study (\$2,500 per patient)

R0438 Dawson (PI)

Closed

RTOG

A phase I study of highly conformal radiation therapy for patients with liver metastases.

This is a dose escalation study of hypofractionated radiation for liver metastases.

Role: JHU PI, RTOG study

J06109 Ben-Josef (PI)

Closed

University of Michigan

Evaluation of quality of life in rectal cancer patients treated with a conventional radiation.

The purpose of this study is to establish a baseline quality of life for patients receiving standard conventional radiation for rectal cancer.

Role: JHU PI, Co-investigator with University of Michigan

J0727 Regine (PI)

Closed

Lilly

Ultra Low Dose Upper Abdominal Radiation Therapy (UART) as a phase II study of low-chemosensitizer in patients with locally advanced or metastatic pancreatic carcinoma.

Role: JHU PI, Co-investigator with University of Maryland (\$2,000 per patient).

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2006	Member of the medical student residency interview workshop
2008-2009	JHU, Department of Radiation Oncology Education Committee
2007-2008	Safety Committee
2009-2010	JHU, Vice President Medical School Council

Editorial Board Appointments

Journal of GI Oncology

Journal Peer Review Activities

Annals of Surgical Oncology
Journal of Clinical Oncology
International Journal of Radiation Oncology and Physics
Journal of Pancreas
Radiotherapy and Oncology
Journal of Immunotherapy
Gastrointestinal Cancer Research
Journal of Esophageal Cancer
The Journal of Urology

Professional Societies

2005-Present	Radiation Therapy Oncology Group (RTOG)
2005-Present	American Association for Cancer Research (AACR)
2006-Present	American College of Radiology (ACR)
2006-Present	American Society of Clinical Oncology (ASCO)
2001-Present	American Society of Therapeutic Oncology (ASTRO)

Conference Organizer, Session Chair

2010-AACR National Meeting. Career Conversations Session. Led session entitled.
“Basic and Translational Research Career Paths in Pancreatic Cancer”

Advisory Committees, Review Groups

2007-Present	ACR gastrointestinal guidelines review committee
2008-Present	ASTRO, Gastrointestinal Section, abstract reviewer
2009	Grant reviewer for The Cancer Council, New South Wales (Pancreas Cancer)
2009	Pancreatic Cancer Action Network-AACR Pathway to Leadership Grant Scientific Review Committee
2010	NCCN Safety Summit Committee member
2010	Member of NIH Pancreatic Cancer Task Force
2010	Member of NIH Neuroendocrine Task Force

Volunteer Activities:

2006	Presented motivational talk on “Career Day” to 400 high school students, Elkton, Maryland.
2006	Presented “From College to Attending Physician” to the Pre-Health/Pre-Medical students at Salisbury University, Salisbury, Maryland.
2008	Volunteered in Guatemala to teach oncology in a rural hospital (Hearts in Motion Organization).

- 2008 Children's Orientation Program at Hopkins. This is a program designed to provide school-aged children with social support, education, and information regarding a parent/grandparent's diagnosis and subsequent treatment of cancer.
- 2009 PANCAN representative: spent day in Washington D.C. to lobby for pancreatic cancer research funding.
- 2009 Triathlon to raise money for Make a Wish Foundation.
- 2009 Presentation on the Doctor/Patient Relationship for Baltimore region PanCan.
- 2010 Presentation on Radiation Therapy for Pittsburgh region PanCan.

Consultantships

- 3/10-Present Utilization of Calypso Fiducials in Pancreas Cancer
Non-disclosure

RECOGNITION

Awards, Honors:

- 1994 Letter of Commendation, National Institutes of Health, Neurogenetics Section
- 1994 Selected Male Scholar/Athlete of the Year – Salisbury State University
- 1995 Graduate Merit Award, UMAB Master of Science in Preventive Medicine
- 1997 Awarded STRTP NIH grant to develop an IFA assay for HHV-8 and Kaposi's Sarcoma
- 2000 Outstanding Student Achievement Award in Radiation Oncology and Pathology – University of Maryland
- 9/2001 Awarded Intern of the Month, University of Michigan Internal Medicine
- 2005 Chief Resident, University of Michigan Department of Radiation Oncology
- 2005 Awarded RSNA Resident of the Year (University of Michigan)
- 2006 Awarded stipend to participate in the 2006 AACR/ASCO Workshop on Methods in Clinical Cancer Research
- 2008 AACR Career Development Award for Pancreatic Cancer Research
- 2008 Johns Hopkins Oncology Center Teaching Award
- 2008 Junior Faculty Award to present at SANTRO (Ampullary Cancer)
- 2009 Selected Moderator Gastrointestinal Section ASTRO 2010

Invited Speaker:

- 2007 Society of Interventional Radiology (SIR) meeting. Washington D.C. Discussed Updates on Stereotactic Radiation Therapy.
- 2007 Istanbul Turkey. Presented talks on rectal cancer and unresectable pancreatic cancer.
- 2007 Radiation Therapy Oncology Group (RTOG) Meeting: Presented vaccine therapy clinical trial for resected pancreatic cancer patients.
- 2008 Utah Debate with Peter Pisters (MD Anderson): Adjuvant therapy for pancreatic cancer.

- 2008 Society of Interventional Radiology (SIR) meeting. Washington D.C. Stereotactic Radiation Therapy.
- 2008 The Cancer and Leukemia Group B (CALGB): Presented vaccine therapy clinical trial for resected pancreatic cancer patients.
- 2008 Tawam Hospital UAE: Discussed radiation applications in esophageal and gastric cancer.
- 2009 4th Annual Mid-Atlantic ASTRO Review. University of Maryland. Gastrointestinal Malignancies.
- 2009 Current Concepts in the Multidisciplinary Management of Colorectal Cancer Course. Johns Hopkins. "Is Radiation Therapy Needed for All Stage II and III Rectal Cancer."
- 2009 Tawam Hospital UAE: Pancreatic cancer team meeting (2 presentations).
- 2009 University of Pennsylvania Roentgen Society: Pancreatic cancer.
- 2009 Nucletron Regional Meeting on Brachytherapy: Endorectal High Dose Rate Brachytherapy for Localized Rectal Cancer.
- 2010 Discussant ASCO/ASTRO Gastrointestinal meeting on Neoadjuvant Therapy for Pancreatic Adenocarcinoma.
- 2010 American Association for Cancer Research (AACR) Annual Meeting. Washington D.C. Career Conversations: Basic and Translational Research Career Paths in Pancreatic Cancer.

OTHER PROFESSIONAL ACCOMPLISHMENTS

Abstracts/Presentations:

- 1) Oral and Poster presentation on HHV-8 at *UMAB School of Medicine Student Research Day* (8/97).
- 2) Edelman D, Constantine N, **Herman J**, et al. Detection of Antibodies to Human Herpes Virus Type I (HHV-8) Latent and Lytic Antigens. 5th Conf. on Retroviruses and Opp. Inf. Chicago, IL (2/98).
- 3) Koffman BH, Suntharalingam M, Sonnet JR, Schuetz J, **Herman JM**, Doyle A, Hausner P, Krasna M. Concurrent Chemotherapy and High Dose Radiotherapy Followed by Surgical Resection for Locally Advanced Non-Small Cell Lung Cancer (NSCLC). Abstract submitted: 1st Int. Chicago Symposium on Malignancies of the Chest, Head, and Neck. (6/99).
- 4) Meirovitz A, Troyer S, Evans V, Narayana V, Roberson P, **Herman J**, et al. Rectum and Prostate Separation by MRI vs. CT in External Beam and Post-Implant Patients. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Salt Lake City, UT, 2003.
- 5) Narayana V, Troyer X, Evans V, **Herman J**, et al. A Randomized Trial of High and Low Source Strength I-125 Prostate Seed Implants. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Salt Lake City, UT, 2003.

- 6) **Herman J**, Nyati H, et al. Evaluation of Human Glioma Radiosensitization Using a Combination of Caffeine and Phenylbutyrate (a histone deacetylase inhibitor). Abstract accepted for poster presentations at the 95th annual American Association for Cancer Research (AACR), Orlando, Florida, March 2004 and the ASTRO Annual Meeting, Atlanta, GA, 2004.
- 7) **Herman JM**, Sandler H, Johnson TM, et al. Radiotherapy is an Efficacious Option for Patients with Bowens Disease. *Int J Radiat Oncol Biol Phys* 60:S574, 2004.
- 8) **Herman J**, Hung J, Meirovitz A, Lucas D, Thomas D, McHugh J, Baker L, Ray M. Radiation Associated Angiosarcoma: A Single Institution Case Series and Tissue Microarray. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Colorado, 2005.
- 9) **Herman J**, Tryggstad E, Ford E, Karikari C, Pinilla C, Armour W, Wong J, Maitra A. Targeting the Apoptotic Machinery in Pancreatic Cancers using Small Molecule Antagonists of the X-linked Inhibitor of Apoptosis (XIAP) Protein. Abstract accepted for poster presentation, AACR Pancreatic Cancer: Early Detection and Novel Therapeutics, Chapel Hill, NC, 2006.
- 10) Makary M, **Herman J**, Millman A, Takenaga R, Hartmann E, Emmanuel N, et al. Fatigue among Elderly Surgical Patients. Abstract presented at the Annual Scientific Meeting of the American Geriatrics Society, Chicago, IL, May 2006.
- 11) Lopez C, Feng F, **Herman J**, Mukesh N, Lawrence T, Ljungman M. Radiosensitization of Human Glioblastoma Tumor Cells by Phenylbutyrate. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Philadelphia, PA, 2006.
- 12) **Herman J**, Swartz M, Wong J, Duhon M, McNutt T, Goldstein S, Chang T, Wong J. Repeat Respiratory-Correlated 4-D CT Images to Evaluate Inter/Intra-fractional Changes in Volumes and Trajectories of Pancreatic Tumor/Tumor-bed and Organs at Risk (OAR). Abstract accepted for poster presentation at the ASTRO Annual Meeting, Philadelphia, PA, 2006.
- 13) Swartz M, Winter J, Abrams R, Yeo C, Cameron J, Laheru D, Jaffee L, Schulick R, **Herman J**. Adjuvant Chemoradiotherapy for Adenocarcinoma of the Pancreas: The Johns Hopkins Experience. Abstract accepted for oral presentation at the ASTRO Annual Meeting, Philadelphia, PA, 2006.
- 14) Herzer K, Rodriguez-Paz J, Michelson J, Grogan K, **Herman J**, Mark LJ, Hunt D, Wardlow L, Armour E, Bartal C, Ukpe F, Cover R. Simulators on the Frontline: Prospectively Identifying and Mitigating Defects in Patient Care. Abstract accepted for poster presentation at the International Society for Quality in Healthcare conference in Boston, November 2007.

- 15) **Herman J**, Pawlik T, Swartz M, Yu H, Schulick R, Winter J, Laheru D, Hruban R, Klein A. Adjuvant Chemoradiation Therapy for Pancreatic Adenocarcinoma: Impact of Family History on Outcome. Abstract accepted for ASCO, Chicago, IL, 2007.
- 16) Laheru D, Yeo C, Biedrzycki B, **Herman J**, Donehower R, Cameron J, Lillemoe K, Solt S, Lutz E, Onners B, Tartakovsky I, Hruban R, Abrams R, Piantadosi S, Jaffee E. A Safety and Efficacy Trial of Lethally Irradiated Allogeneic Pancreatic Tumor Cells Transfected with the GM-CSF Gene in Combination with Adjuvant Chemoradiotherapy for the Treatment of Adenocarcinoma of the Pancreas. Abstract accepted for presentation at ASCO, Chicago, IL, 2007.
- 17) Swartz MJ, Winter J, Hruban R, Guler M, Yeo C, Schulick R, Cameron J, Laheru D, Abrams R, **Herman J**. Adjuvant Chemoradiation Therapy after Pancreaticoduodenectomy for Intraductal Papillary Mucinous Neoplasm of the Pancreas with Associated Invasive Carcinoma. Abstract accepted for poster presentation at the ASCO/ASTRO GI meeting, Orlando, FL, 2007.
- 18) Hruban RH, Schulick R, Laheru D, **Herman J**, Groggins, M. Emerging Molecular Biology of Pancreatic Cancer. Abstract accepted for the International Society of Gastrointestinal Oncology, Philadelphia, PA, September, 2007.
- 19) Horowitz DP, Hsu CC, Swartz MJ, Makary MA, Winter JM, Robinson R, Pawlik TM, Schulick RD, Cameron JL, **Herman JM**. Adjuvant Chemoradiation Therapy after Pancreaticoduodenectomy in Elderly Patients with Pancreatic Adenocarcinoma. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 20) Hristov B, Lin SH, Cameron J, **Herman JM**, Pawlik TJ, Hruban R, Swartz MJ, Robinson R, Edil S, Kemp C, Wolfgang C. Outcome of Patients Undergoing Adjuvant Chemoradiation Following Pancreaticoduodenectomy with Mesenterico-portal Vein Resection for Adenocarcinoma of the Pancreas. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 21) Voong KR, **Herman JM**, Coleman J, Laheru D, Schulick R, Campbell K, Pawlik TJ, Fishman E, Asrari F, Makary M, Ali S, Donehower R, Frassica D, Hruban Evaluating the Impact of a Multidisciplinary Single Day Clinic on the Management of Pancreatic Cancer. Abstract accepted for oral presentation at the American Pancreatic Association, 2007.
- 22) Hsu CC, Swartz MJ, Winter J, Robinson R, Pawlik TJ, Choti MA, Laheru D, Cameron J, **Herman JM**. Early Mortality Risk Score for Multi-Disciplinary Treatment of Pancreatic Adenocarcinoma: Pre-operative Predictors of 6- and 9-month Mortality Following Pancreaticoduodenectomy with Curative Intent. Abstract accepted for oral presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.

- 23) Voong R, Sonali R, **Herman J**, Winter J, Swartz MJ, Davison J, Pawlik T, Hruban RH, Schulick R, Cameron JL. Clinicopathologic Review of Resected Pancreatic Adenosquamous Carcinoma: Importance of Adjuvant Chemotherapy and Radiation. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 24) Swartz MJ, **Herman JM**, Winter JM, Hsu CC. Examination of Adjuvant Chemoradiation Therapy by Post-operative Tumor Bed Characteristics after Pancreaticoduodenectomy with Curative Intent. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 25) Rudra S, Swartz MJ, Asrari F, Laheru DA, Pawlik TJ, Cavallio K, **Herman JM**. Prognostic Factors for Locally Advanced Pancreatic Cancer Treated with Chemoradiation. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 26) Lin SH, Rudra S, Swartz MJ, Schulick R, Winter J, Laheru D, Pawlik TM, Frassica D, **Herman JM**. Gemcitabine-based Chemoradiation for Locally Advanced Unresectable Adenocarcinoma of the Pancreas: Effect of Nodal Volume Coverage and Chemotherapy Dose on Treatment Related Toxicity and Outcome. Abstract accepted for poster presentation at the ASTRO Annual Meeting, Los Angeles, CA, 2007.
- 27) DeWeese T, Wong J, **Herman J**, Asrari F, Szalay A. OncoSpace: An Online Community for Collaborative Radiation Oncology Research. Abstract presented at the RSNA 93rd Scientific Assembly and Annual Meeting, McCormick Place, Chicago, IL, November 25-30, 2007.
- 28) Reddy S, Edil BH, Cameron JL, Pawlik TM, **Herman JM**, Gilson MM, Schulick RD, Choti MA, Wolfgang CL. The Role of Pancreatic Metastectomy: A Retrospective Analysis of the Largest Single Institutional Series. Accepted for poster presentation at SSO's 61st Annual Cancer Symposium, Chicago, IL, March 13-16, 2008.
- 29) Ma WW, **Herman J**, Laheru D, Messersmith W, Jimeno A, Rudek M, Khan Y, Howard A, Schulick R, Donehower R, Hidalgo M. A Phase I Tolerability and Pharmacokinetic Study of Adjuvant Erlotinib (E) and Capecitabine (Cap) with Concurrent Radiation (RT) in Resected Pancreatic Cancer (PanCa). Abstract accepted for poster presentation at ASCO/ASTRO GI meeting, 2008.
- 30) Hsu CC, **Herman JM**, Corsini MM, Winter JM, Callister MD, Cameron JL, Pawlik TM, Schulick RD, Swartz MJ, Gunderson LL, Miller RC. Benefit of Adjuvant Chemoradiation for Pancreatic Adenocarcinoma: The Johns Hopkins Hospital – Mayo Clinic Collaborative Study of 1045 Patients. Abstract accepted for oral presentation at ASCO/ASTRO GI meeting, 2008/ASTRO/SANTRO.

- 31) Swartz M, Wang J, Karikari C, Zhang Y, Pawlik T, Christodouleas J, DeWeese T, Maitra A, **Herman J**. XIAP Antagonist Increases Apoptosis and Tumor Response in Pancreatic Tumors Treated with Radiation. Abstract accepted for poster presentation at ASCO/ASTRO GI meeting, 2008.
- 32) Chan S, Armstrong T, Nava-Parada P, Jaffee E, Swartz M, Sugar E, Wong J, Tryggestad E, Emens L, **Herman J**. Evaluation of the Immunomodulatory Effects of Stereotactic Radiation Therapy (SRT) and GM-CSF Whole Cell Vaccine (GVAX) in a Pancreatic Tumor Model. Abstract accepted for poster presentation at ASCO/ASTRO GI meeting, 2008.
- 33) Shaha M, Belcher AE, Choti M, **Herman J**, Khan Y, Libonati C, Pandian V, Pawlik T, Schulick R, Stotsky E. Transitoriness in Cancer Patients. Abstract accepted for presentation at the Gastrointestinal Cancers Symposium, 2008.
- 34) Lum YW, Winter J, Cameron J, Geschwind J, Georgiades C, Edil B, Wolfgang C, Choti MA, **Herman J**, Abrams R, Schulick RD, Pawlik TM. Liver Directed Therapy for Hepatic Metastasis in Patients Undergoing Pancreaticoduodenectomy. Abstract accepted for presentation at the Academic Surgical Congress, at the Hyatt Regency Huntington Beach Resort & Spa in Huntington Beach, CA, February 12-15, 2008.
- 35) Nathan H, Slidell MB, Cameron JL, Wolfgang CL, Edil B, **Herman J**, Choti MA, Schulick RD, Pawlik TM. Survival after Total Pancreatectomy versus Pancreaticoduodenectomy for Pancreatic Adenocarcinoma. Abstract accepted for presentation at the Academic Surgical Congress, at the Hyatt Regency Huntington Beach Resort & Spa in Huntington Beach, CA, February 12-15, 2008.
- 36) **Herman JM**, Hsu CC, Corsini MM, Winter JM, Callister MD, Cameron JL, Pawlik TM, Schulick RD, Swartz MJ, Gunderson LL, Miller RC. Benefit of Adjuvant Chemoradiation for Pancreatic Adenocarcinoma: The Johns Hopkins Hospital – Mayo Clinic Collaborative Study of 1045 Patients. Abstract accepted for oral presentation at the pancreas club meeting, San Diego, CA, May 17, 2008.
- 37) Goldstein S, Ford E, Duhon M, McNutt T, Wong J, **Herman JM**. Use of Respiratory-Correlated 4-D CT Imaging to Determine Acceptable Treatment Margins for Locally Advanced Pancreatic Adenocarcinoma. Abstract accepted for oral presentation at the 50th Annual Meeting of the American Society for Therapeutic Radiology and Oncology (ASTRO), Boston, MA, 2008.
- 38) **Herman JM**, Hsu CC, Bhatia S, Zhou J, Winter JM, Haddock M, Donohue JH, Pawlik TM, Wolfgang C, Cameron J, Miller RC. Adjuvant Chemoradiation for Ampullary Adenocarcinoma: the Johns Hopkins Hospital - Mayo Clinic Collaborative Study. Abstract accepted for oral presentation at Sino-American Network for Therapeutic Radiology and Oncology (SANTRO), 2008.

- 39) Herzer K, Mark L, Rodriguez-Paz J, Doyle P, Sofare T, Flint P, Feller-Kopman D, **Herman J**, Bristow R. A Practical Framework Employing Simulation for Perioperative Teams to Prospectively Identify and Mitigate Clinical Hazards. Abstract accepted for presentation at the International Meeting for Simulation in Healthcare, 2009.
- 40) Serrano OK, Blackford A, Wolfgang CL, Parmigiani G, Kensler TW, Jones S, Zhang X, Parsons DW, Lin JC-H, Leary RJ, Eshleman JR, Goggins M, Jaffee EM, Iacobuzio-Donahue CA, Maitra A, Cameron JL, Olino K, Schulick RD, Winter J, **Herman JM**, Laheru D, Vogelstein B, Velculescu VE, Kinzler KW, Hruban RH. Somatic Mutations of *SMAD4* Are Associated with Poor Prognosis in Pancreatic Cancer: Functional Annotation of the “Pancreatic Cancer Genome” Project. Abstract accepted for poster presentation to the Pancreas Club 2/09.
- 41) Wang J, Zeng J, Sugar EA, Wolfgang C, Choti M, Schulick R, Laheru D, Cameron J, Pawlik TM, **Herman JM**. Adjuvant Therapy for Gallbladder Carcinoma: The Johns Hopkins Experience. Abstract accepted for poster presentation at the ASTRO Conference, Chicago, IL, November 2009.
- 42) Robinson R, Wang J, Jaques-Robinson KM, **Herman JM**, Zahurak ML, Laheru DA, Cameron JL, Pawlik TM, Wolfgang CL, Abrams RA. Comparison of Two Adjuvant Chemoradiotherapy Protocols after Resection of Primary Pancreatic Carcinoma: A 10-Year Experience. Abstract accepted for poster presentation at the ASTRO Conference, Chicago, IL, November 2009.
- 43) Hsu CC, Wang J, Lam E, Laheru D, Wolfgang C, Pawlik T, **Herman JM**. Evaluation of Pancreatic Disease Status, CA 19-9, Performance Status, Quality of Life Indices, and Treatment Choice: The Johns Hopkins Pancreas Multidisciplinary Cancer Clinic Quality of Life Study. Abstract submitted for presentation at the ASTRO Conference, Chicago, IL, November 2009.
- 44) **Herman JM**, Redmond KJ, Nathan H, Laheru D, Edil BH, Sugar E, Choti MA, Pawlik TM, Cameron JL, Wolfgang CL. Adjuvant Chemoradiation for Adenocarcinoma of the Body and Tail of the Pancreas: The Johns Hopkins Experience. Abstract accepted for oral presentation at the ASTRO Conference, Chicago, IL, November 2009.
- 45) Saenger Y, Kafrouni M, Leubner L, **Herman JM**, Lauer P, Dubensky T, Armstrong T, Jaffee E. Mutant Kras Vaccination Combined with T Regulatory Cell Depletion Effectively Delays Progression of Premalignant Lesions in a Transgenic Model of Pancreatic Cancer. Abstract accepted for poster presentation at AACR, Denver, CO, April 2009.
- 46) Garrido-Laguna I, Tan AC, Villarroel MC, Angenendt M, Pastori W, Jimeno A, Rajeshkumar NV, Ciomei M, **Herman JM**, Rubio-Viqueira B, Hidalgo M. Activity of PHA-848125 in Pancreatic Cancer Xenografts is Related to Downregulation of S6

via p53 Pathway. Abstract accepted for poster presentation at AACR, Denver, CO, April 2009.

- 47) Nguyen T, Judkins C, Mo G, Olinio K, Anders R, Zheng L, Laheru D, **Herman J**, Wolfgang C, Cameron J, Hruban R, Schulick R, Jaffee E, Edil B. Early Safety and Feasibility Analysis of a Neoadjuvant/Adjuvant GM-CSF Secreting Allogeneic Pancreatic Cancer Vaccine Administered Alone or in Combination with Either Immune Modulating Doses of IV or Oral Metronomic Cyclophosphamide in Patients with Surgically Resectable Pancreatic Adenocarcinoma. Abstract presentation at Pancreas Club, 2009.
- 48) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract 2244 accepted for presentation at the American Society for Radiation Oncology Annual Meeting, Chicago, IL, 2009.
- 49) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract PS7.34 accepted for presentation at the Radiation Research Society Annual Meeting, 2009.
- 50) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract presented at the Advanced Biotechnology Studies 4th Annual Research Symposium, Rockville, MD, 2009.
- 51) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract presented at the Molecular Radiation Sciences Radiation Damage and Repair Symposium, Baltimore, MD, 2009.
- 52) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract presented at the Sidney Kimmel Comprehensive Cancer Center Fellow Research Day, Baltimore, MD, 2009.
- 53) Hirani ZA, Ivkov R, Zhang Y, Armour M, Hedayati MA, Ford EC, DeWeese TL, **Herman JM**. Evaluation of Hypofractionated Radiation Therapy (HRT) and Magnetic Nanoparticle Heating for Pancreatic Cancer. Abstract presented at the National Institute of Health NanoWeek, Bethesda, MD, 2009.

- 54) Poultsides G, Schulick R, Wolfgang C, Pawlik T, Choti M, Edil B, Hruban R, **Herman J**, Sugar E, Tuli R. Duodenal Adenocarcinoma: Clinicopathologic Analysis and Prognostic Implications. Abstract accepted as a poster for the Society of Surgical Oncology's 63rd Annual Cancer Symposium, St. Louis, MO, March 3-7, 2010.
- 55) Tuli R, Zhao A, Leubner A, Armour M, Tryggestad E, Ford E, Wong J, **Herman JM**. A novel preclinical pancreatic cancer radiation platform: potential for high-throughput testing of radiation sensitizers. Abstract accepted for poster presentation at the AACR Meeting, Washington D.C., 2010.