NAME:	Kelly M. N	AcMasters, M.D., Ph.D.	
ADDRESS:	The Hiram C. Polk, Jr., M.D. Department of Surgery University of Louisville 550 South Jackson Street, 2 nd Floor Louisville, KY 40202 (502) 852-5447 FAX: (502) 852-1704 Email: mcmasters@louisville.edu		
	UofL Healt		
HOME ADDRESS:	5707 Spring Bluff Drive Crestwood, KY 40014 (502) 241-6613		
DATE OF BIRTH:	January 29, 1961		
PLACE OF BIRTH:	Camden, N.J.		
MARITAL STATUS:	Married: Children:	Beth Hendrickson McMasters, R.N., J.D.Austin James McMasters11/10/93Steven Patrick McMasters03/18/95Owen Frederick McMasters06/04/99	
EDUCATION:	,	niversity New York 13346 .A., Biology	1983
	Combined Degree: Pl	wick, New Jersey 08901 M.D./Ph.D. Program	1988
	UMDNJ-R Rutgers) N	Robert Wood Johnson (formerly Aedical School 7, New Jersey 08854	
	Degree: M	•	1989

ACADEMIC AND PROFESSIONAL EXPERIENCE:

ENDOWED PROFESSORSHIP:	Ben A. Reid, Sr., M.D. Professor	2011-present
ENDOWED PROFESSORSHIP:	Sam and Lolita Weakley Professor of Surgical Oncology	1996-2011
FACULTY APPOINTMENT:		
	Professor and Chairman Department of Surgery University of Louisville Louisville, KY	2005-
	Professor Division of Surgical Oncology Department of Surgery University of Louisville Louisville, KY	2004-
	Professor Department of Pharmacology and Toxicology School of Medicine University of Louisville	2004-
	Associate Professor Division of Surgical Oncology Department of Surgery University of Louisville	2001-2004
	Assistant Professor Division of Surgical Oncology Department of Surgery University of Louisville	1996-2001
	Director, Division of Surgical Oncology University of Louisville Department of Surgery	2002-2005
	Director, Multidisciplinary Melanoma Clinic James Graham Brown Cancer Center University of Louisville	2000-Present

	Associate Director James Graham Brown Cancer Center for Melanoma Programs University of Louisville		2001-Present
	Chief of Surgery University of Louisvil	le Hospital	2005-2008
FELLOWSHIP:	University of Texas-M.D. Anderson Cancer Center Houston, Texas Surgical Oncology Fellowship Program		1994-1996
	Junior Faculty Associa	1 0	1994-1996
	American College of	Surgeons (FACS)	1999
RESIDENCY:	University of Louisvil School of Medicine Department of Surgery Louisville, KY General Surgery Resid	y lency Program	1989-1994
	Chief Administrative	e Kesident	1993-94
MEDICAL LICENSURE:	Kentucky, 1990 Texas, 1994 DEA Certification:	#27332 #J7086 #BM2552962	
BOARD CERTIFICATION:	National Board of Mea Certificate #341266	dical Examiners 7/1/90	
	American Board of Su		
	Certificate #39969 Recertification	2/14/95 12/12/2016	
	Recertification	12/12/2010	
HOSPITAL APPOINTN	IENTS:		

HOSPITAL APPOINTMENTS:

Active Staff: Norton Hospital, University of Louisville Hospital Active Staff: Jewish Hospital, Kosair Childrens Hospital Consulting Staff: Veterans Administration Hospital

EDITORIAL BOARDS:

Annals of Surgical Oncology: Melanoma Section Editor **Deputy Editor** Editor-in-Chief Designate Cancer Therapy Journal of Clinical Oncology Journal of the American College of Surgeons AJCC Cancer Staging System, Melanoma Expert Panel Advances in Surgery: Associate Editor Ad Hoc Reviewer: Cancer Journal of Clinical Oncology The Lancet American Journal of Surgery Journal of Surgical Research American Journal of Clinical Oncology Nature Medicine Evidence Based Reviews in Surgery – clinical reviews Human Carcinogenesis Journal

COMMITTEES:

CAST Steering Committee, Member Skin Cancer Planning Group, Member University Surgical Associates Contract Review Committee Reconstruction, Cosmetic & Psychosocial Subgroup, Member American Joint Commission on Cancer, Staging Committee for Melanoma University Surgical Associates Audit Committee, Chairman Cancer Committee, University of Louisville, Brown Cancer Center Cancer Liaison, University of Louisville, Brown Cancer Center Cancer Liaison, University of Louisville Hospital, American Cancer Society University of Louisville, Melanoma Working Group, Chairman Clinical and Scientific Review Committee, Brown Cancer Center Cancer Committee, Norton Hospital Palliative Care Clinical Advisory Board, Norton Healthcare Cancer Education Committee, American Association of Clinical Oncology Oncology Education/Research Fund Advisory Board, Norton Hospitals Foundation Issues and Government Affairs Committee, Society of Surgical Oncology Treasurer, University Surgical Associates, PSC Chairman, Finance Committee, University Surgical Associates Mentored Sentinel Node Lymph Node Mapping and Biopsy Program, American College of Surgeons/FAME Mentor	2003-2006 2003-Present 2003-Present
• •	2003-Present
American College of Surgeons/FAME, Mentor Executive Council, Society of Surgical Oncology Clinical Affairs Committee, Society of Surgical Oncology Hand & Microsurgery Institute Advisory Board, Louisville, KY Chair, Corporate Relations Committee, Society of Surgical Oncology	2003-Present 2005-2012 2005-2008 2005-Present 2006-2009

2008-2013 2015-Present March 2018

Legislative Committee, Greater Louisville Medical Society Society of University Surgeons Institutional Representative Southern Surgical Association Audit Committee Councillor-at-Large, Society of Surgical Oncology Scientific Program Committee, Society of Surgical Oncology International Sentinel Node Society Executive Council Nominating Committee, Society of Surgical Oncology	2006-Present 2006-Present 2006-2008 2006-2009 2006-Present 2007-2008 2010-2011
Program Committee, Western Surgical Association	2007-Present
Southeastern Surgical Congress Executive Committee	2007-Present
University Medical Center, Inc. – Board of Directors	2007-2014
Chapter Council of the Kentucky Chapter of the American College of Surgeons	2008-Present
Chair, Program Committee, Western Surgical Association	2010-2011
Finance Committee, Society of Surgical Oncology	2011-Present
Study Section, Melanoma Research Foundation,	
Research Grant Review Committee	2011
Executive Committee, Western Surgical Association	2012-2017
Search Committee, Dean, University of Louisville School of Medicine	2012-2013
University of Louisville Physicians Executive Committee	2012-Present
University of Louisville Physicians Finance Committee	2012-Present
University of Louisville Physicians Officers Committee	2012-Present
University of Louisville Physicians Revenue Cycle Committee Chair	2014-Present
University of Louisville Physicians Board Chair	2016-Present
Search Committee, Director, James Graham Brown Cancer Center Chair University of Louisville School of Medicine	2016-2017
Search Committee, Chief Financial Officer, University of Louisville School of	2016-2017
Medicine	
Search Committee, President, University of Louisville Hospital	2017-Present

PROFESSIONAL ORGANIZATIONS:

Southern Surgical Association - Secretary, 2014-2018 Western Surgical Association

- Recorder, 2012-2017
- President, 2017 Society of University Surgeons

Association for Academic Surgery

- Society of Surgical Oncology
 - Vice President, 2015
 - Editor of SOSAP, 2015
 - SOSAP Task Force, 2015
 - President-Elect, 2016
 - President, 2017-2018

American College of Surgeons American Society of Clinical Oncology American Association for Cancer Research Southeastern Surgical Congress

- 1st Vice President, 2007-2008
- President-Elect, 2008-2009
- President, 2009-2010

Southwestern Surgical Congress

American Society of Breast Surgeons

Jefferson County Medical Society

Kentucky Medical Association

Louisville Surgical Society

Hiram C. Polk, Jr., M.D. Surgical Society

- President, 2016-2017

American Surgical Association Society for Melanoma Research Society of Surgical Chairs

- Councillor-at-Large, 2015
- Secretary/Treasurer, 2016
- Vice President, 2017
- President, 2017-2018

International Sentinel Node Society The Halsted Society

- Board of Directors, 2017-2019

The Society for Surgery of the Alimentary Tract

American Hepato-Pancreato-Biliary Association

International Hepato-Pancreato-Biliary Association

Brazilian Society of Surgical Oncology

- Honorary Member, 2017

HONORS AND AWARDS:

Beta Theta Pi Centennial Scholarship Award, Colgate University	1982
Dean's List, Colgate University	1979-83
B.A., Cum Laude, Colgate University	1983
Anne B. and James H. Leathem Research Award, Rutgers University	1985-88
American Association of Anatomists Outstanding Dissertation Award	1989
J. David Richardson Award for Outstanding Third Year Resident in	
General Surgery, University of Louisville	1992
William L. Brohm Award for Outstanding Overall Performance by a	
Surgical Resident, University of Louisville	1994
Research Competition for Clinical Trainees,	
U.TM.D. Anderson Cancer Center	1995-96
Jesse H. Jones Fellowship in Cancer Education,	
U.TM.D. Anderson Cancer Center	1995-96
Kentucky Leaders for the New Century	1999
J. Bradley Aust Award, Western Surgical Association	2001
Hiram C. Polk, Jr. Award for Excellence in Surgical Education	2003
Honorable Order of Kentucky Colonels	

2006 Distinguished Alumni Award, Alumni Association of the	2006
University of Medicine & Dentistry of New Jersey –	
Graduate School of Biosciences	
Physician of the Year, American Cancer Society	2006
America's Top Doctors For Cancer	2006
Marquis Who's Who	2006
Best Doctors in America	2006
America's Top Doctors for Cancer	2007
Cambridge Who's Who	2007
America's Top Doctors, American Registry	2009
Business First Partners in Health Care – 2010 Most Influential Health Care	2010
Business Leaders in Greater Louisville	
Top Surgeons in Louisville Magazine	2010
U.S. News & World Report Top Doctors	2011
Universidad Autonama de Nuevo Leon (UANL) Research Award	2011
William J. Rothwell Faculty Award, University of Louisville	2011
Patient's Choice Award, American Registry	2012
U.S. News & World Report Top Doctors	2012
Top Doctors in Louisville, Melanoma, Louisville Magazine	2011-2014
Clinician of the Year Award, James Graham Brown Cancer Center	2014
2015 Partner in Health Care, Business First Magazine	2015
2015 America's Top Doctors, Castle Connolly Medical Ltd	2015
2016 America's Top Doctors, Castle Connolly	2016
2016 Ephraim McDowell Physician of the Year	2016
Hiram C. Polk, Jr. Award for Excellence in Surgical Education	2018

RESEARCH FUNDING: BASIC SCIENCE:

Cheadle, WG McMasters, KM (Co-PI)	"Macrophage function in surgical peritonitis and intraabdominal abscess formation." Veterans Administration Merit Review Grant. \$145,000: 1991-1994
McMasters, KM (Investigator)	"Melanoma Genomics" Veridex \$120,000: 2004-2005
McMasters, KM (PI)	"The role of mdm2 in transformation, tumorigenesis, and tumor progression." American Cancer Society Clinical Career Development Award. \$90,000: 1996-1999
McMasters, KM (PI)	"Apoptosis and growth arrest sensitivity testing (AGAST) to study potential gene therapy for colorectal cancer." Alliant Community Trust Fund. \$85,400: 1997-1999
McMasters, KM (PI)	"Lung cancer gene therapy." Mary and Mason Rudd Award, Jewish Hospital. \$30,000: 1997

McMasters, KM (co-investigator)	"Chemokine expression with hepatic resection." Alliant Community Trust Fund. \$50,000: 1997
McMasters, KM (PI)	"Molecular staging of melanoma." University of Louisville Faculty Development Grant. \$14,500: 1997
McMasters, KM (PI)	"Apoptosis and growth arrest sensitivity testing (AGAST) to study potential gene therapy for colorectal cancer." Ladies Auxiliary to the Veterans of Foreign Wars. \$5,000: 1997
McMasters, KM (co-investigator)	NIH R01 Award "Regulation of hepatic ischemia/reperfusion injury." National Institutes of Health. \$725,760: 2000-2004
McMasters, KM (PI)	NIH R01 Award "E2F-1 Cancer Gene Therapy." National Institutes of Health. \$1,200,000: 2002-2006
McMasters, KM (Co-I)	"Destroy Lung Cancer With Combined Effects of Apoptosis and Oncolysis." Kentucky Lung Cancer Research Program. \$300,000: 7/1/03-6/30/09
McMasters, KM	"The establishment of a multi-disciplinary breast cancer clinic." Susan G. Komen Breast Cancer Foundation, Louisville. \$30,893: 1/1/03-12/31/03
McMasters, KM (co-investigator)	"Phase I/II Evaluation of Intraoperative Autotransfusion Filtration for Major Surgical Oncology Operations." Norton Healthcare Community Trust Fund. \$150,000: 2004-2007
Studts, JL (PI) McMasters, KM (co-investigator)	NIH "Adjuvant Treatment Decision Making for Lung Cancer" Behavioral Oncology Program, James Graham Cancer Center, \$100,000: 2005-2008
Zhou, HS (PI) McMaster, KM (Co-PI)	NIH/NCI R01 "Adenovirus E1B55K Functions Related to Oncolytic Replication." \$1,065,000: 03/01/09-12/31/12
McMasters, KM (PI)	Kentucky Lung Cancer Research Program "Selectively inducing apoptosis in cancer cells with truncated E2F-1 lacking transcriptional activity." \$50,000: 11/1/08-10/31/09
McMasters, KM (PI)	Melanoma Research Foundation, Established Investigator Award. "Develop a Prognostic Scoring System in Node- Negative Patients." \$180,000: 1/1/10-12/31/12

McMasters, KM (PI)	Commonwealth of Kentucky & University of Louisville Clinical and Translational Science Innovative Award. \$175,000. "Develop a Prognostic Scoring System Incorporating Gene Signatures in Melanoma Patients with Positive Sentinel Lymph Nodes (SLNs)." 07/01/10-06/30/11
Hein, DW (PI)	NIH/NCI (R25-CA134283) University of Louisville Cancer
McMasters, KM (Faculty Mentor)	Education Program. Role in Project: Participating Faculty Mentor (PI: Hein DW) 09/14/11- 08/31/17
Zhou, HS (PI)	Kentucky Lung Cancer Research Program. "Dietary
McMasters, KM (Co-PI)	Supplement Indole-3-Carbinol in Lung Cancer Therapy and Prevention." \$150,000: 5/1/15-4/30/17
McNally, L (PI)	NIH/NCI (R01CA205941)
McMasters, KM (coinvestigator)	Non-invasive detection of tumor extracellular pH using multispectral optoacoustic tomography. \$1,143,750: 09/01/2016- 08/31/2021
Gutierrez, JG (PI)	NIH/NCI (R21CA210202)
McMasters, KM (coinvestigator)	Targeting melanoma hypoxia with lactic acid bacterium L. lactis $$368,445\ 03/09/2017 - 02/28/2019$
McMasters, KM (Multiple PI)	Expediting Commercialization, Innovation, Transition &
Hao, H (Multiple PI)	Entrepreneurship (ExCITE), which is funded by NIH Research
	Evaluation and Commercialization Hub (REACH, U01HL127518, PI Bates P). Exosome miRNA as diagnostic
	tools of melanoma.
	\$50,000 09/01/2017 - 02/28/2018 \$50,000 02/01/2018 - 00/01/2018
	\$50,000 03/01/2018 - 09/01/2018

CLINICAL TRIALS:

McMasters, KM (PI)	Sunbelt Melanoma Trial: A multicenter trial of adjuvant interferon alfa-2b for early melanoma nodal metastasis detected by lymphatic mapping and sentinel lymph node biopsy. Schering Oncology Biotech. \$6,038,997: 1997-2007
Edwards, MJ McMasters, KM (Co-PI)	The <u>N</u> orth <u>A</u> merican Randomized Trial of Toremifene (<u>Fareston</u>) versus <u>T</u> amoxifen (NAFTA). Schering-Plough. \$4,769,763: 1998-2008
McMasters KM (PI)	Multicenter Phase II Trial of Radiofrequency Ablation of Liver Metastases with Adjuvant Hepatic Artery Infusion Chemotherapy. Arrow Corporation. \$110,000: 2000-2003
Edwards, MJ McMasters, KM (Co-PI)	National Registry of Image Guided Breast Surgery. 3000 Patient Study. University of Louisville and Center for Advanced Surgical Technologies of Norton Hospital.
McMasters, KM (PI)	Breast Cancer Sentinel Lymph Node Registry. University of Louisville and Center for Advanced Surgical Technologies of Norton Hospital. 1997
McMasters, KM (PI)	Registry of Liver Tumor Ablation. Radiofrequency ablation of unresectable liver tumors. University of Louisville. Radiotherapeutics. \$25,000: 1998-present
McMasters KM (Local PI)	A Prospective, Randomized, Open-Label, Comparative Clinical Trial in Post-Surgical Melanoma patients with Either DNP- Modified Autologous Tumor Vaccine or Interferon Alpha-2b. AVAX. \$100,000: 2001-2007
McMasters, KM (PI)	Multicenter study of sentinel lymph node biopsy for solid tumors that metastasize to regional lymph nodes. Ethicon. \$25,000: 2000-2002
McMasters, KM (Local PI)	A prognostic study of sentinel node and bone marrow micrometastases in women with clinical T1 or T2 N0 M0 breast cancer, Z0010. American College of Surgeons Oncology Trials Group. 1996-
McMasters, KM (Local PI)	A randomized trial of axillary node dissection in women with clinical $T1 - 2$ N0 M0 breast cancer who have a positive sentinel node, Z0011. American College of Surgeons Oncology Trials Group. 1197-

McMasters, KM (Local PI)	A phase III, controlled, multi-center, randomized, parallel- group single-blind study to compare the safety and hemostatic efficacy of the fibrin sealant, Beriplast P, with standard care of Thrombin-Soaked Gelfoam in the treatment of bleeding from the hepatic fossa in subjects undergoing elective liver resection surgery. Aventis. 2000
McMasters, KM (Co-PI) Flynn, MB	Minimally invasive radioguided parathyroidectomy. Alliant Community Trust Fund. \$100,000: 1997-1999
McMasters, KM (Local PI)	Pivotal trial of active immunotherapy with a polyvalent melanoma vaccine (C-VAX) plus BCG vs biotherapy with Interferon alfa-2b as a post-surgical treatment for stage III melanoma. John Wayne Cancer Institute. 1998-2003
McMasters, KM (Local PI)	A phase III randomized double-blind trial of immunotherapy with a polyvalent melanoma vaccine (C-VAX) plus BCG versus placebo plus BCG as a post-surgical treatment for stage IV melanoma. John Wayne Cancer Institute. 1998-2003
McMasters, KM (Local PI)	Multi-center, randomized open label study to evaluate the safety and efficacy of combined immunotherapy with subcutaneous Interleukin-2 and Histamine Dihydrochloride versus subcutaneously Interleukin-2 alone in patients with advanced malignant melanoma. Maxim Pharmaceuticals, Inc. 1998
McMasters, KM (Local PI)	Multi-center, single arm open label study to evaluate the safety and efficacy of combined immunotherapy with subcutaneous Interleukin-2 and Histamine Dihydrochloride alone in patients with advanced malignant melanoma. Maxim Pharmaceuticals, Inc. 1998
McMasters, KM (Local PI)	A double-blind, placebo-controlled, minimized, phase III study comparing Marimastat to placebo as adjuvant therapy in patients with resectable pancreatic cancer. British Biotech. 1998
McMasters, KM (PI)	Intralesional granulocyte-macrophage colony stimulating factor (GM-CSF) and interleukin-2 (IL-2) for the treatment of in- transit melanoma. Immunex Corporation. 1997
McMasters, KM (Local PI)	Immunoscintigraphy of colorectal cancer with technetium Tc 99m labeled human monoclonal antibody 88BV59 (HumanSPECT-Tc). Perimmune Incorporated. 1997

McMasters, KM (Local PI)	Early detection of occult micrometastases by lymph node mapping and RT-PCR in patients with invasive breast cancer: A multi-center trial. Department of Defense. 1997
McMasters, KM (Local PI)	Pilot study of Paclitaxel and concurrent rapid-fractionation radiation therapy for patients with potentially resectable adenocarcinoma of the pancreatic head. 1997
McMasters, KM (PI)	Phase I study of preoperative infusional chemoradiation for biliary tract cancer. 1999
McMasters, KM (PI)	Transcutaneous localization of sentinel nodes: A comparative study of 2 gamma probes. Neoprobe. 1999
McMasters, KM (Local PI)	Hepatic artery infusion of adenoviral p-53 + chemotherapy for colorectal mets to liver. Schering-Plough. 1999
McMasters, KM (PI)	Immunomagnetic enrichment for detection of circulating cancer cells. University of Louisville.
McMasters, KM (PI)	The discovery and evaluation of biomarkers for the prediction, diagnosis, and management of solid tumor cancers. University of Louisville.
McMasters, KM (Local Co-Investigator)	A phase II study of adjuvant ST1571 (Gleevec TM) therapy in patients following completely resected high-risk primary gastrointestinal stromal tumor (GIST). ACOSOG. 1996-2008
McMasters, KM (Local Co-Investigator)	A phase III randomized double-blind study of adjuvant ST1571 (Gleevec TM) versus placebo in patients following the resection of primary gastrointestinal stromal tumor (GIST). ACOSOG. 1996-2008
McMasters, KM (Local PI)	A phase III, multicenter, controlled trial with stratified randomization, comparing the efficacy of interleukin-2 (IL-2) plus histamine dihydrochloride (HDC) versus IL-2 alone to increase the duration of survival in patients with the American Joint Committee on Cancer (AJCC) stage IV, malignant melanoma with hepatic metastasis. Maxim
McMasters, KM (Local PI)	A multicenter, randomized, double blind, parallel group trial to demonstrate the efficacy of Fondaparinux Sodium in association with intermittent pneumatic compression versus intermittent pneumatic compression used alone for the prevention of venous thromboembolic events in patients at increased risk undergoing major abdominal surgery. Sanofi-Synthelabo. 2002-2004

McMasters, KM (Local PI)	A Phase III study of heat shock protein peptide complex-99 (HSPPC-96) versus physicians' choice including Interleukin-2 and/or Dacarbazine/Temozolomide-based therapy and/or complete tumor resection in Stage IV melanoma. Antigenics. 2002-2006
McMasters, KM (Local PI)	Phase III randomized study of four weeks of high dose IFN- alpha2b in Stage T3-T4 or N1 (microscopic) melanoma. Southwestern Surgical Oncology Group. 2005-
McMasters, KM	A randomized, placebo-controlled phase III trial of yeast derived
(Local PI)	GM-CSF vs peptide vaccination vs GM-CSF plus peptide vaccination vs placebo in patients with no evidence of disease after complete surgical resection of locally advanced or Stage IV melanoma. Southwestern Surgical Oncology Group. 2005-
McMasters, KM (Local PI)	Multi-center selective lymphadenectomy for melanoma trial II: a phase III multicenter randomized trial of sentinel lymphadenectomy and complete lymph node dissection versus sentinel lymphadenectomy alone in cutaneous melanoma patients with molecular or histopathological evidence of metastases in the sentinel node. John Wayne Cancer Institute. 2005-
McMasters, KM (Local PI)	Prospective study of the natural history of subjects who were entered in the MMAIT-03-001 and MMAIT-04-001 trials and underwent post-operative therapy with BCG plus placebo or BCG plus canvaxin. John Wayne Cancer Institute. 2006-
McMasters, KM (Local PI)	Comparison of M-Vax plus low dose interleukin-2 versus placebo vaccine plus low-dose interleukin-2 patients with Stage IV melanoma. AVAX. 2007-
McMasters, KM (Local PI)	A phase III clinical trial to evaluate the safety and efficacy of treatment with 2 mg intralesional allovectin-7 compared to DTIC or TMZ in subjects with recurrent metastatic melanoma. VICAL. 2007-
McMasters, KM (local PI)	Identification of gene markers to differentiate benign and malignant melanocytic skin lesions. Veridex. 2007-2008
McMasters, PI (Local PI)	A double-blind, randomized, placebo-controlled phase III study to assess the efficacy of recMAGE-A3 + AS15 ASCI as adjuvant therapy in patients with MAGE-A3-positive Resected stage III melanoma. GlaxoSmithKline. 2008-

McMasters, PI

A phase III, randomized trial of surgical resection with or without BCG versus best medical therapy as initial treatment in stage IV melanoma. John Wayne Cancer Institute. 2010-

NIH SBIR GRANTS SUBMITTED:

BioElectrospec, Inc., Consultant Perceptek, Inc., Consultant Advertek, Inc., Consultant

PATENTS:

ULRF Research Disclosure ref. #12018

"Characterizing Melanoma"
Inventors: Hongying Hao, Kelly M. McMasters, Deyi Xiao
U.S. Provisional Patent Application ser. no. 61/552,222; filed Oct. 27, 2011 (expired).
Patent Cooperation Treaty (PCT) Application no. PCT/US2012/062,181, filed Oct. 26, 2012 (expired).
U.S. Issued Patent no. 9,493,840; Issued Nov. 15, 2016; filed Oct. 26, 2012 as U.S. Patent Application ser. no. 14/354,801.

ULRF Research Disclosure ref. #12019

"Method and System for Predicting Recurrence and Non-Recurrence of Melanoma using Sentinel Lymph Node Biomarkers"
Inventors: Hongying Hao, Kelly M. McMasters
U.S. Provisional Patent Application ser. no. 61/648,714; filed May 18, 2012 (expired).
Patent Cooperation Treaty (PCT) Application no. PCT/US13/31006, filed March 13, 2013.
U.S. Patent Application ser. no. 14/410,804; filed March 13, 2013; Application published May 21, 2015; Publication no. US-2015-0141530-A1

ULRF Research Disclosure ref. #16044.

"Unique Genes in Tumor-Positive Sentinel Lymph Nodes Associated with Non-Sentinel Lymph Node Metastases in Melanoma" Inventors: Kelly M. McMasters, Hongying Hao, and Michael E. Egger. Status: Public Disclosure in 2013; Pending new information for filing consideration.

RESEARCH FELLOWS:

Hailiang Yang, M.D., Chinese Academy of Medical Sciences
November 1996 to June 2002
Research: MDM2 mechanisms of action.
E2F-1 and RB Adenoviral Gene Therapy for Sarcoma and Esophageal Cancer.

Xue-Li Zhang, M.D., Shanghai Cancer Institute March 1997 to March 1998 Research: p53 Gene Therapy for Colon Cancer.

Yanbin Dong, M.D., Chinese Academy of Medical SciencesFebruary 1997 to 2007Research: Gene Therapy for Melanoma with Recombinant Adenovirus Expressing Wild Type and Truncated E2F-1.

Jorge Guillermo Gomez Gutierrez, Biologist, Universidad Autonoma of Neuvo Leon May 2003 to 2012

Research: Developing Adenoviral Vectors Encoding Therapeutic Genes and Their Combination with Other Chemotherapeutic Agents.

Xinyu Zheng, MD/PhD, Karolinska Institute August 2003 to 2005 Research: A Conditionally Replicating Adenovirus Targeting Gene Therapy of Cancer

Jamshidi-Parsian Azemat, MD 2003-2005 Research: Gene Expression Profiling of E2F-1-Induced Apoptosis

Hongying Hao, PhD, Third Military College, PR China
Peking University, PR China
2004-2007
Research: Developing a Prognostic System Incorporating Gene Signatures for Melanoma Patients
E2F-1 Induces Melanoma Cell Apoptosis via PUMA Up-regulation and Bax Translocation

Ming Wang 2004-2010

Ryaz Chagpar, Surgical Resident, University of Vancouver, British Columbia
6/25/2005-9/1/2005
Research: Factors Associated with Improved Survival Among Young Adult Melanoma Patients Despite a Greater Incidence of Sentinel Lymph Node Metastasis

Canming Chen, MD/PhD, Shanghai Medical University, China July 2005-Present

Angela Lewis, MD, University of Louisville2005-2007Research: Analysis of DNA Adducts and DNA Damage in Thyroid Disease and Thyroid Cancer

Charles Woodall, MD, University of Louisville 2006-2008 Research: Accurate Nodal Staging and Imaging Characteristics to Predict Overall Survival

Nathan Reuter, MD, University of Louisville
2007-2009
Research: Use of Adjuvant Chemotherapy in Young Women with Node-negative ER+ Breast Cancer: Refining the Use of Recurrence Score – A Decision Analysis

Matthew Bower, MD, University of Louisville 2008-2010 Research: Factors Associated with Recurrence and Survival of Resected Pancreatic Cancer

Aracely Garcia-Garcia, MD, Universidad Autonoma de Nuevo Leon 2008-2011 Research: Autophagy as Mechanism for Cancer Treatment

Michael Egger, MD 2008-2013 Research: Adenovirus Expressing Forkhead in Combination with Chemotherapy

Glenda Callender, MD 2011-2013 Research: Outcomes of Endocrine Surgical Oncology Database Development

Deyi Xiao, MD, MBA 2011-present Research: Exosome miRNA/proteomic profiles as innovative chemotherapy biomarkers in melanoma patients

RESEARCH STUDENTS:

Ariel Stilwell, Manchester College May - August 1997, 1998, 1999, 2000 Research: E2F-1 and RB Gene Therapy Now Completed Indiana University Medical School

Cesar Atienza, Jr., 2nd year medical student University of Louisville School of Medicine May - August 1998 Research: Adenoviral Gene Therapy for Gastric Cancer Awards: 1st place Sophomore Medical Student Division, 1998 Health Sciences Center Student Research Day, University of Louisville School of Medicine 1st place Midwest Student Biomedical Research Forum, Omaha, NE, February 1999

John M. Draus, Jr., 2nd year medical student University of Louisville School of Medicine May - August 1999 Research: Adenovirus Gene Therapy for Colorectal Cancer

Michael Farmer, 2nd year medical student

University of Louisville School of Medicine

May - August 1999

Research: Adenovirus Gene Therapy for Pancreatic Cancer

Awards: 1st place Sophomore Medical Student Division, 1999 Health Sciences Center Student Research Day, University of Louisville School of Medicine

Stephen Williams, 2nd year medical student

University of Louisville School of Medicine

May – August 2000

Research: Melanoma Gene Therapy

Awards: 2nd place Sophomore Medical Student Division, 2000 Health Sciences Center Student Research Day, University of Louisville School of Medicine

James Baker, 2nd year medical student

University of Louisville School of Medicine

May – August 2000

Research: Combination Gene Therapy for Colorectal Cancer

Awards: 1st place Sophomore Medical Student Division, 2000 Health Sciences Center Student Research Day, University of Louisville School of Medicine

Dan Rueff, 2nd year medical student

University of Louisville School of Medicine

May – August 2001

Research: Gene Therapy for Cancer

Warner Wang, 2nd year medical student

University of Louisville School of Medicine

May-August 2002

Research: The role of Fas/FasL interaction on AD/E2F-1 in the Use of Apoptosis

Awards: 1st place Sophomore Medical Student Division, 2002 Health Sciences Center Student Research Day, University of Louisville School of Medicine 1st place Midwest Student Biomedical Research Forum, Omaha, NE, February 2003

John Gleason, University of North Carolina May-August, 1999-2003 Research: Clinical Research on Sunbelt Melanoma Trial and Breast Sentinel Lymph Node Study E2F-1- Gene Therapy Accepted to Wake Forest University

Vinicius Souza, University of Louisville May, 2003-2005 Research: Gene Therapy Research

John Pilavas, Georgetown University May-August 2003 Research: Clinical Research in Breast Cancer and Liver Tumor Ablation

Allison Phelps, University of Louisville School of Medicine 2006 Research: Induction of Apoptosis Signal-regulating Alison Burton, University of Louisville School of Medicine 2006-2013 Research: Melanoma and Sunbelt Melanoma Trial Benjamin Frazier Taylor, University of Louisville School of Medicine PhD Dissertation Committee Title: Arsenite Inhibition to Mitotic Progression, Date: May 29, 2007 Samuel C. McNeely, University of Louisville School of Medicine PhD Dissertation Committee Title: Sensitivity to Sodium Arsenite Depends Upon Susceptibility to Mitotic Arrest-Associated Apoptosis, Date: October 5, 2007 Pei-Hsin Cheng, National Sun Yat-Sen University 2009-2015 Research: Adenovirus-induced Cyclin E Activates CDK2 for Virus Replication Brent Roach, University of Louisville School of Medicine 2009-Present Research: Melanoma and Sunbelt Melanoma Trial Daniel J. Kmetz, University of Louisville School of Medicine 2012 Research: Melanoma Urine Exosome Biomarkers Stephen Wechman, University of Louisville School of Medicine 2012-2017 Research: Adenovirus Gene Therapy for Lung Cancer Samantha Barry, University of Louisville School of Medicine Summer 2013 Research: Identifying Urine Exosomal MicroRNA Signatures in Melanoma Patients Danielle Berera, University of Louisville School of Medicine Fall 2013-2014 Matthew Zeiderman, University of Louisville School of Medicine 2014-Present Research: Nanoparticles for cancer therapy Deepa Patel, University of Louisville School of Medicine Summer 2014

Research: Melanoma exosomes

PUBLICATIONS:

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- 66. Chagpar AB, Martin RCG, Scoggins, CS, **McMasters KM**. Factors predictive of failure to identify a sentinel node in breast cancer. The <u>Society of University Surgeons</u> 66th Annual Meeting. Renaissance Hotel, Nashville, TN, February 12, 2005.
- 67. Chagpar AB, **McMasters KM**, Thoene C, Edwards MJ. Determinants of early metastatic in elderly women with breast cancer. Presented at the <u>Society of Surgical Oncology</u> Meeting, Atlanta, GA, March 3-6, 2005.
- Hutchinson JR, Kehdy FJ, Chapar A, Martin RCG, Scoggins C, Hagendoorn L, Stromberg A, McMasters KM. Surgeon and community factors affecting breast cancer sentinel lymph node Biopsy. To be presented at the <u>Southwestern Surgical</u> Conference, San Antonio, TX April 10-12, 2005.
- 69. Zheng X, Rao Z-M, **McMasters KM**, Zhou HS. Effect of adenovirus infection on apoptosis and tumor-selective replication. Presentation at the <u>American Association for Cancer Research</u> 96th Annual Meeting, Anaheim, California, April 18, 2005. (A#5030)
- 70. Zheng X, Rao Z-M, McMasters KM, Zhou HS. Adenovirus E1A expression levels affect tumorselective replication in human lung cancer cells. Presentation at the <u>American</u> <u>Association for Cancer Research</u> 96th Annual Meeting, Anaheim, California, April 18, 2005 (A#5025).
- 71. Zheng X, Rao Z-M, McMasters KM, Zhou HS. Selective replication of E1B55K-deleted adenoviruses in cancer cells depends on increasing E1A expression, inducing cyclin E expression, and enhancing cell cycle progression. Presentation at the <u>American</u> <u>Association for Cancer Research</u> 96th Annual Meeting, Anaheim, California, April 18, 2005 (A#5029).
- 72. Scoggins CR, Reintgen DS, Martin RCG, Ross MI, Edwards MJ, **McMasters, KM**. Factors associated with worse prognosis of men with melanoma. Presentation at The <u>Southern Surgical</u> <u>Association</u> Annual Meeting, Hot Springs, Virginia, December 6, 2005. (A#29)
- 73. Chagpar AB, Studts JL, Abell T, Ruberg J, Fleming M, **McMasters KM**. Risk-reducing strategies in breast cancer: a decision analysis. Presentation at San Antonio Breast Cancer Symposium, San Antonio, Texas, December 8-11, 2005. Br Ca Res Treat 2005;94(1):S168.
- 74. Chagpar AB, McMasters KM, Thoene C, Nurko J, Scoggins CR, Martin RC, Edwards MJ. The use of radiation therapy after breast conserving surgery in hormonally treated breast cancer patients is dependent on patient age, geographic region and surgeon specialty.
- 75. Chagpar AB, Lewis A, Scoggins C, Martin RC, McMasters KM. Prediction of sentinel lymph node-only disease in women with invasive breast cancer. <u>Southwestern Surgical Congress</u>, 2005.
- 76. Chagpar AB, **McMasters KM**, Scoggins CR, Martin RC, Thoene C, Edwards MJ. Factors influencing the use of post-mastectomy radiation therapy. <u>American Society of Breast Surgeons</u> Meeting, 2005.

- 77. Wilke LG, Reintgen DS, Pass H, Lucci A, Olson JA Jr., Ollila D, **McMasters KM**, Burak W, Simmons R, White R, Tafra L, Whitworth P, Winchester DJ, Cox CE. Outcomes of a pilot program utilizing skilled mentor for post-residency surgeon instruction in sentinel lymph node biopsy for breast cancer. <u>American Society of Breast Surgeons</u> Meeting, 2005.
- 78. Dong Y, Yang H, Jamshidi-Parsian A, Hao H, Zhou HS, **McMasters KM**. Upregulation of apoptosis signal regulating kinase 1 by E2F1 may not be essential for E2F-1 mediated apoptosis in melanoma cells. <u>American Association for Cancer Research</u> Meeting, 2005 (A#2447)
- 79. Chagpar AB, Scoggins CR, Martin RC, McMasters KM. Factors influencing the number of sentinel lymph nodes identified in patients with breast cancer. <u>American Society of Breast</u> <u>Surgeons</u> Meeting, 2005.
- Zheng X, Rao X-M, Snodgrass C, McMasters KM, Zhou HS. Failing to induce S-phase entry due to lack of cyclin E overexpression prevents replication of the adenovirus mutant dl1520 (ONYX-015) in normal cells. <u>American Association of Cancer Research</u> 97th Annual Meeting, Washington, DC, April 2006 (A#2983).
- 81. Rao X-M, Zheng X, Waigel S, Zacharias W, **McMasters KM**, Zhou HS. Gene expression profiles of normal human lung cells affected by adenoviral E1B. <u>American Association of Cancer Research</u> 97th Annual Meeting, Washington, DC, April 2006 (A# 2993).
- 82. Hao H, Dong Y, Bowling MT, Zhou H, **McMasters KM**. Targeting of NF-kB pathway following the combined treatment of E2F-1 and doxorubicin in melanoma cells. <u>American Association of Cancer Research</u> 97th Annual Meeting, Washington, DC, April 2006 (A#4938).
- 83. Studts J, Thomas S, LaJoie A, **McMasters KM**, Chagpar A. Patient safety and benefits of decision making research shortly following cancer diagnosis. Presented at the 28th Annual Meeting of the <u>Society of Medical Decision Making</u>, Hyatt Regency, Cambridge, October 15-18, 2006. (A#2580)
- 84. Chapgar, AB, Scoggins CR, Martin RC, McMasters KM. Are three sentinel nodes sufficient? Presented at the <u>Western Surgical Association</u> Meeting, Los Cabos, Mexico, November, 2006. (A#4)
- 85. Martin RC, **McMasters KM**, Scoggins CR. Kentucky hepatoma: Epidemiological variant or same problem different region? Presented at the <u>Western Surgical Association</u> Meeting, Los Cabos, Mexico, November, 2006. (A#19)
- 86. Scoggins CR, Kooby D, Nicoson CS, Staly C, Egnatashvili V, McMasters KM, Chagpar A, Martin RM. MELD vs. extent of tumor: Which predicts outcome following hepatectomy for non-cirrhotics with hepatocellular carcinoma? Presented at the <u>Western Surgical Association</u> Meeting, Los Cabos, Mexico, November, 2006.
- 87. Scoggins CR, Kooby D, Nicoson MC, Staley C, Egnatashvili V, **McMasters KM**, Chagpar AB, Martin RC. MELD vs. extent of tumor: Which predicts outcome following hepatectomy for noncirrhotics with hepatocellular carcinoma? Presented at the <u>Western Surgical Association</u> Meeting, Los Cabos, Mexico, November, 2006. (A#20)

- Chagpar AB, Edwards M, McMasters KM, Scoggins CR, Martin RCG, Saul JW. Body mass index influences palpability, but not stage, of breast cancer at diagnosis. Oral presentation at the <u>Southeastern Surgical Congress</u> Meeting, Westin Savannah Harbor, Savannah, GA, February, 2007. (A#36)
- Chagpar AB, McMasters KM, Saul J, Nurko J, Martin RCG, Scoggins CR, Edwards MJ. Body mass index influences palpability, but not stage, of breast cancer at diagnosis. <u>Southeastern Surgical Congress</u> Meeting, West Savannah Harbor, Savannah, GA, February 10, 2007. (A#13)
- 90. Matera EL, Bousamra M, Kloecker GH, Sephton SE, Hargis J, McMasters KM, Lorence J, Thomas SD, Studts JL. Numeracy among lung cancer patients: Preliminary data. Poster to be presented at the 28th Annual Meeting and Scientific Sessions of the <u>Society of Behavioral Medicine</u>, Marriott Wardman Park Hotel, Washington, DC, March 23, 2007.
- 91. Chagpar AB, **McMasters KM.** Factors influencing the number of sentinel lymph node patients with breast cancer. To be an oral presentation at the <u>Southwestern Surgical</u> <u>Congress</u> Meeting, Rancho Mirage, CA, March 27, 2007. (A#29)
- 92. Chagpar R, Scoggins CR, Martin RCG, **McMasters KM.** Sentinel lymph node metastasis and survival among young melanoma patients. Presented at the <u>Academic Surgical Congress</u> Meeting, Phoenix, Arizona, February 9, 2007 (A#179).
- 93. Scoggins CR, Federico AC, Chagpar AB, Ross MI, Reintgen DS, Martin RS **McMasters KM.** Does multi-basin nodal drainage impact outcome for cutaneous melanoma? <u>Western Surgical</u> <u>Association</u> Meeting, The Broadmoor, Colorado Springs, Colorado, November 7, 2007.
- 94. Chagpar AB, Polk HC, **McMasters KM**. Racial disparities in mammography and clinical breast examination: Trends in a population based study. <u>Western Surgical Association</u> Meeting, The Broadmoor, Colorado Springs, Colorado, November 7, 2007.
- 95. Martin RCG, Scoggins CR, Egnatashvili, Staley CA, **McMasters KM**, Kooby D. Arterial and venous resection for locally advanced pancreatic malignancies: Operative and long-term outcomes. <u>Western Surgical Association</u> Meeting, The Broadmoor, Colorado Springs, Colorado, November 7, 2007.
- 96. Landry CS, Woodall C, McMasters KM, Scoggins CR, Martin RCG. Analysis of 900 appendical carcinoid tumors with a proposal for a staging system. <u>Western Surgical Association</u> Meeting, The Broadmoor, Colorado Springs, Colorado, November 7, 2007.
- 97. Chagpar AB, Polk HC Jr, **McMasters KM**. Racial trends in mammography rates: a populationbased study. <u>Academic Surgical Congress</u>, Huntington Beach, CA, February 12-15, 2008.
- 98. Hao H, Chen C, Slomiany B, Gutierrez JG, Zhou HS, **McMasters KM**. Truncated E2F-1induced apoptosis is mediated by Hrk that is functionally involved with p32 and DREAM. <u>American Association for Cancer Research</u> Meeting, San Diego, CA, March 12-16, 2008.

- Chagpar R, Scoggins CR, Martin RC, Edwards MJ, Reintgen DS, Urist MM, Ross MI, McMasters KM. Factors predicting in-transit recurrence in melanoma patients. <u>The Society of Surgical Oncology</u> Meeting, March 2008.
- 100. Rao X-M, Gomez-Gutierrez JG, Hao H, McMasters KM, Zhou SM. Cyclin E overexpression induced by adenovirus oncoprotein E1B55K. <u>American Association for Cancer</u> <u>Research</u> Meeting, San Diego, CA, March 12-16, 2008.
- 101. Slomiany B, McMasters KM. Recent decline in mammography rates in limited to low to average risk women. <u>Southwestern Surgical Congress</u> 60th Annual Meeting, Fairmont Acapulco Princess, Acapulco, Mexico, March 30, 2008. (A#1)
- 102. Landry C, Brock G, Scoggins CR, McMasters KM, Martin RCG. Analysis of 6,380 small bowel carcinoid patients for a proposed predictive staging system. <u>Southwestern Surgical Congress</u> 60th <u>Annual</u> Meeting, Fairmont Acapulco Princess, Acapulco, Mexico, April 1, 2008. (A#15)
- 103. Reuter N, McMasters KM. Cytoreductive surgery with heated intraperitoneal Chemotherapy for peritoneal neoplasms: Experience of two moderate volume centers. <u>Southwestern Surgical</u> Congress 60th Annual Meeting, Fairmont Acapulco Princess, Acapulco, Mexico, April 1, 2008. (A#17)
- 104. Gomez-Gutierrez JG, Rao X-M, Hao H, Zhou HS, McMasters KM. Construction and characterization of adenoviral vectors encoding E2F truncated gene under regulation of Tet-off system. <u>American Association for Cancer Research</u>, San Diego, California, April 13, 2008.
- 105. Buell J, Thomas MT, Rudich MT, Rudich S, Marvin M, Nagubandi R, Kadiyala R, McMasters KM. Experience with over 500 minimally invasive hepatic procedures. <u>American Surgical Association</u> 128th Annual Meeting, New York City, NY April 24-26, 2008. (A#28)
- 106. Richardson JD, Franklin GA, Santos AP, Coleman R, Danzl R, Casos SR, Harbrecht BG, McMasters KM. Effective triage can ameliorate the deleterious effects of delayed transfer of trauma patients from the emergency department (ED) to the ICU. <u>American Surgical Association</u>, New York City, NY, April 24-26, 2008.
- 107. Chagpar AB, McMasters KM. Trends in adherence to cancer screening guidelines: Are we moving in the right direction? (Poster presentation) <u>Society of American Society of Clinical</u> <u>Oncology</u> Meeting, Chicago, IL, June 1, 2008.
- 108. **McMasters KM,** Ross MI, Reintgen DS, Edwards MJ, Noyes RD, Urist M, Sussman J, Goydos J, Beitsch P, Martin RC, Scoggins CR. Final results of the Sunbelt Melanoma Trial. <u>Society of American Society of Clinical Oncology</u>, Chicago, IL, June 1, 2008.
- 109. Reuter N, **McMasters KM**. <u>American College of Surgeons</u> 94th Clinical Congress. San Francisco, CA, October 13, 2008.

- 110. Scoggins CR, McMasters KM. Operative & financial concerns of chronic cancer care. <u>American</u> <u>College of Surgeons</u> 94th Clinical Congress. San Francisco, CA, October 14, 2008.
- 111. Chagpar R, **McMasters KM**. Factors predicting in-transit recurrence in patients with melanoma. <u>American College of Surgeons</u> 94th Clinical Congress. San Francisco, CA, October 15, 2008.
- 112. Chagpar AB, McMasters KM. Factors influencing the decision to add chemotherapy to adjuvant hormonal therapy in women with hormone receptor-positive breast cancer. Presentation at the 31st Annual San Antonio Breast Cancer Symposium, San Antonio, TX. December 10, 2008.
- 113. Chagpar AB, Lewis J, **McMasters KM**, Edwards MJ. Radiation therapy may be avoided after breast cancer patients are treated with hormonal therapy. <u>Western Surgical Association</u> Meeting, Santa Fe, NM, November 9, 2008. (A#1)
- 114. Woodall CE, Byam J, Scoggins CR, McMasters KM, Martin RCG. An evaluation of 2,537 gastrointestinal stromal tumors for a proposed clinical staging system. <u>Western Surgical</u> <u>Association</u> Meeting, Santa Fe, NM, November 11, 2008. (A#11)
- 115. Martin RCG, Scoggins CR, Augenstein V, **McMasters KM**. Simulataneous vs. staged resection for synchronous colorectal cancer liver metastases. <u>Southern Surgical Association</u> Meeting, Palm Beach, FL, December 2, 2008. (A#20)
- 116. Roach BA, Burton AL, Mays MP, Federico AC, Ginter B, Vierling AM, Scoggins CR, Martin RM, McMasters KM. (Poster Presentation) Does mitotic rate predict sentinel lymph Node metastasis or survival in patients with intermediate and thick melanomas? <u>American College of Physicians-Internal Medicine</u>, Hyatt Regency Hotel, Louisville, KY, September 15, 2009.
- 117. Martin RG, Scoggins C, **McMasters KM**. Laparoscopic hepatic lobectomy: Advantages of a minimally invasive approach. <u>Southern Surgical Association</u> Meeting, The Homestead, Hot Springs, VA, December 7, 2009. (A#9)
- 118. **McMasters KM,** Scoggins CR, Ross MI, Martin RCG, Urist M, Edwards MJ. Ulceration as a predictive marker for response to interferon alfa-2b adjuvant therapy in melanoma patients. <u>American Surgical Association</u> Meeting, Fairmont Hotel, Chicago, IL, April 8, 2010.
- 119. **McMasters KM**, Hao H, Gutierrez J, Zhou HS. Development of a melanoma prognostic model using sentinel lymph node gene expression signatures. The <u>Halsted Society</u> 84th Annual Meeting, Loews Vanderbilt Hotel, Nashville, TN, September 18, 2010.
- 120. Chagpar A, Schiffman S, Scoggins C, Martin RG, **McMasters KM.** Lymph node ratio improves axillary staging in breast cancer patients. <u>Western Surgical Association</u> Meeting, Chicago, IL, November 8, 2010. (A#5)

- 121. LeGrand R, Chagpar R, Ahmad S, McClaine R, Kim H, Rupp C, Cho C, Brinkman A, Weber S, Kooby D, Chu C, Staley C, McMasters KM, Martin RG, Scoggins CR. A multi-institutional analysis of pancreatic adenocarcinoma: Development of a scoring system That predicts survival based on diabetes, tumor biology, and resection margin. <u>Western</u> <u>Surgical Association</u> Meeting, Chicago, IL, November 8, 2010. (A#16)
- 122. **McMasters KM**, Scoggins CR, Martin RC, Ross MI, Brown R, Mays M, Egger M. Prognostic factors in melanoma patients with tumor-negative sentinel lymph nodes. The 7th <u>International Sentinel Node Society</u> Meeting, Yokohama, Japan, November 19, 2010.
- 123. Thompson A, Dhabhar F, Chagpar A, Dedert E, Lush E, Daup M, Dayyat E, McMaters K, Sephton S. Distress and inflammation in women newly diagnosed with breast cancer. (Poster Presentation). James Graham Brown Cancer Ninth Annual Retreat, Louisville, KY, November, 2010.
- 124. **McMasters KM** Chagpar AB. Progesterone receptor-negative status predicts poorer outcomes in estrogen receptor-positive patients treated with selective estrogen receptor modulators. <u>San Antonio Breast Symposium</u>, December 8-12, 2010, P3-10-10.
- 125. Brown R, Abbas A, Ellis S, Williams S, Scoggins CR, McMasters KM, Martin R. A prospective phase II evaluation of esophageal stenting for neoadjuvant therapy for esophageal cancer: Optimal performance and surgical safety. <u>Southern Surgical</u> <u>Association</u> Meeting, The Breakers, West Palm Beach, Florida, December 7, 2010. (A#17)
- 126. Maithel S, Kneuertz P, Scoggins CR, McMasters KM, Weber S, Cho C, Winslow E, Kooby D, Wood W, Staley C, Martin R. Low preoperative platelet count is independently associated with increased postoperative morbidity, liver insufficiency, and 60-day mortality in patients selected for resection of hepatocellular carcinoma: A multi-institutional study. <u>Southern Surgical Association</u> Meeting, The Breakers, West Palm Beach, Florida, December 7, 2010. (A#22)
- 127. Farmer RW, Kralj I, Valdata A, Ospedali EO, Urbano J, Perez Enguix D, Monaco R, Scoggins CR, McMasters KM, Rustein L, Martin RCG. Hepatic arterial therapy as a bridge to ablation or transplant in the treatment of hepatocellular carcinoma. <u>Southeastern Surgical Congress</u> Meeting, Chattanooga, Tennessee, February 15, 2011. (A#38)
- 128. Burton AL, Gilbert BS, Egger ME, Martin RCG, McMasters KM, Scoggins CR. Regression does not predict nodal metastasis or survival in patients with cutaneous melanoma. <u>Southeastern Surgical Congress</u> Meeting, Chattanooga, Tennessee, February 15, 2011. (A#43)
- 129. Egger M, Farmer RW, Gilbert JE, Burton AL, Scoggins CR, Martin RCG, Stromberg AJ, McMasters KM. Lymphovascular invasion as a prognostic factor in melanoma. <u>Southeastern Surgical Congress</u> Meeting, Chattanooga, Tennessee, February 15, 2011. (A#44)

- 130. St. Hill CR, Chagpar RB, Brown RE, Callender GG, Martin RCG, McMasters KM Scoggins CR. Recurrence following hepatectomy for metastatic colorectal cancer: Development of a model that predicts patterns of recurrence and survival. Oral presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March, 2011. (A#26)
- 131. Balch C, Soong SJ, Gershenwald JE, Thompson JF, Ding S, Coit DG, McMasters KM, Johnson T, Gimotty PA, Leong SP, Eggermont AM, Sondak VK, Staging and prognosis Of 634 melanoma patients with intralymphatic (IL) metastases. Oral presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March, 2011. (A#47)
- 132. Schiffman SC, McMasters KM, Chagpar AB. Is age an independent predictor of survival and time to recurrence in breast cancer pastients? Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March, 2011. (P49)
- 133. St. Hill CR, Brown RE, Maithel SK, Kooby D, Staley C, Cho CS, Weber S, Winslow E, Scoggins CR, McMasters KM. Laparoscopic versus open hepatic resection for hepatocellular carcinoma: Improvement in outcomes and similar cost. Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March, 2011. (P119)
- 134. Bower M, Brown R, Scoggins C, McMasters KM, Martin R. Impact of hepatectomy margin on survival following resection for colorectal metastasis. Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio,. Texas, March, 2011 (P161)
- 135. Schiffman S, Ellis S, Scoggins CR, McMasters KM, Martin RC. Safety and advantages of combined resection and microwave ablation in patients with bilobar hepatic malignancies. Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March, 2011. (P162)
- 136. Schiffman SC, Scoggins CR, **McMasters KM**, Martin RC. Molecular factors associated with recurrence and survival in patients with intrahepatic cholangiocarcinoma: A guide to adjuvant clinical trials. Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March 2011. (P208)
- 137. Farmer RW, St. Hill CR, McMasters KM, Scoggins CR, Martin RC. Anastomotic leak does not affect ability to receive adjuvant treatment. Poster presentation during the <u>Society of Surgical Oncology</u> 64th Annual Cancer Symposium, San Antonio, Texas, March 2011. (P295)
- 138. Thompson AN, Chapgar AB, Dhabhar FS, Tillie JM, Lush ED, Dedert EA, Daup MB, Spiegel D, Dayyat E, Tillie JM, McMasters KM, Sephton SE. Psychoneuroimmune predictors of cancer-related fatigue in pre-surgical breast cancer patients. Poster presentation at the <u>American Psychosomatic Society</u> 69th Annual Scientific Mtg, San Antonio, TX, March 9-12, 2011.

- 139. Gesler WN, Dhabhar FS, Chagpar AB, Lush ED, Dedert EA, Daup MB, Spiegel D, Dayyat EA, Tillie JM, McMasters KM, Sephton SE. Cancer-specific distress: No association with serum cytokines in pre-surgical breast cancer patients. Poster presentation at the <u>American</u> <u>Psychosomatic Society</u> 69th Annual Scientific Meeting, San Antonio, TX, March 9-12, 2011.
- 140. Lush E, Dhabhar FS, Chagpar A, Dedert E, Daup M. Dayyat E, Spiegel D, McMasters KM, Tillie JM, Sephton SE. Tumor-promoting biological factors are associated with circadian disruption and awakening cortisol response, but not social support, in early stage breast cancer. Oral presentation at the <u>American Psychosomatic Society</u> 69th Annual Scientific Meeting, San Antonio, TX, March 9-12, 2011
- 138. Callender G, Egger M, Scoggins CR, Martin RCG, Burton A, McMasters KM. Prognostic implications of anatomic location of the primary melanoma. Oral abstract presentation during the <u>Southwestern Surgical Congress</u> Meeting, Plenary Session I. Ko Olina, Hawaii, April 3, 2011. (A#3)
- 139. Cannon RM, Trivedi JR, Davis EG, McMasters KM, Slaughter MS. Continuous flow ventricular assist devices are associated with increased gastrointestinal hemorrhage. <u>Southwestern Surgical Congress</u> Meeting, Quick Shot Session 1A, Ko Olina, Hawaii, April 4, 2011. (QS16)
- 140. St. Hill CR, Brown RE, Scoggins CR, McMasters KM, Martin RCG. Successful combined pancreas and liver resection requires careful patient selection. <u>Southwestern Surgical Congress</u> Meeting, Quick Shot Session 1A, Ko Olina, Hawaii, April 7, 2011. (QS58)
- 141. Brown RE, St. Hill CR, Greene QJ, Farmer RW, Reuter NP, Callender GG, Martin RCG, McMasters KM, Scoggins CR. Impact of histology on survival in retroperitoneal sarcoma. <u>Southwestern Surgical Congress</u> Meeting, Scientific Session V, Ko Olina, Hawaii, April 7, 2011. (A#19)
- 142. Martin RCG, Brown R, Puffer L, Block S, Scoggins CR, McMasters KM. Readmission rates after abdominal surgery: The role of surgeon, primary caregiver, home health, and sub-acute rehab. <u>American Surgical Association</u> 131st Annual Meeting, Boca Raton Resort & Club, Boca Raton, Florida, April 15, 2011. (A#23)
- Cornwell LB, McMasters KM, Chagpar AB. Factors affecting lymphovascular invasion in node positive breast cancer patients. <u>ASCO</u> Breast Symposium, San Francisco, California, September 8, 2011. (A#24)
- 144. Callender GG, Martin RCG, Ross MI, Egger M, Edwards MJ, Stromberg AJ, Scoggins CR, Urist MM, McMasters KM. Development of a computer model of melanoma prognosis. <u>Southern Surgical Congress</u> Meeting, The Homestead, Hot Springs, Virginia, December 6, 2011. (A#23)

- 145. Egger M, Tabler BL, Dunki-Jacobs E, Callender GG, Scoggins CR, Martin RCG, Quillo A, Stromberg AJ, McMasters KM. Clinicopathologic and survival differences between upper and lower extremity melanomas. <u>Southeastern Surgical Congress</u> Meeting, Birmingham, Alabama, February 13, 2012. (Gold Metal-A#23)
- 146. Cannon RM, Scoggins CR, Callender GG, **McMasters KM**, Martin RCG. Laparoscopic versus open resection of hepatic colorectal metastases. <u>Central Surgical Association</u> Meeting, Monona Terrace Convention Center, Madison, Wisconsin, March 1, 2012. (A#6)
- 147. Egger ME, Dunki-Jacobs E, Callender GG, Quillo AR, Scoggins CR, Martin RCG, McMasters KM. Outcomes and prognostic factors in modular melanomas. <u>Central Surgical Association</u> Meeting, Scientific Session 5A, Monona Terrace Convention Center, Madision, Wisconsin, March 2, 2012. (A#21A)
- 148. Egger ME, McMasters KM, Callender GG, Quillo AR, Martin RCG, Stromberg AJ, Scoggins CR. Unique prognostic factors in acral lentiginous melanoma. <u>Southwestern</u> <u>Surgical</u> 64th Annual Scientific Session, Terranea Resort, Rancho Palos Verdes, California, March 25, 2012. (A#5)
- 149. Burton AL, Egger ME, Scoggins CR, Quillo AR, Stromberg AJ, Martin RCG, McMasters KM, Callender GG. Assessment of mitotic rate in melanoma. <u>Southwestern Surgical</u> 64th Annual Scientific Session, Terranea Resort, Rancho Palos Verdes, California, March 25, 2012. (A#20)
- 150. Kimbrough C, St. Hill CR, Dunki-Jacobs E, Callender GG, Martin RCG, McMasters KM, Scoggins CR. Tumor-positive resection margins reflect an aggressive tumor biology in pancreatic cancer. <u>Southwestern Surgical</u> Congress 64th Annual Scientific Session, Terranea Resort, Rancho Palos Verdes, California, March 25, 2012. (Quick Shot A#11)
- 151. Egger ME, **McMasters KM**. Viral-mediated gene therapy in combination with temozolomide in melanoma. Forum Session, <u>American College of Surgeons</u> Clinical Congress, Hilton Chicago, Chicago, Illinois, October 1, 2012.
- 152. Egger ME, Huber KM, Dunki-Jacobs EM, Quillo AR, Scoggins CR, Martin RCG, Stromberg AJ, McMasters KM, Callender GG. Incidence of sentinel lymph node biopsy Involvement in a modern, larges series of desmoplastic melanoma. <u>Western Surgical</u> <u>Association</u> 2012 Annual Scientific Session, The Broadmoor Resort, Colorado Springs, Colorado, November 4, 2012. (A#4)
- 153. Scoggins CR, Cannon RM, Crockett T, Wafford L, McMasters KM. Improving clinical Productivity in an academic surgical practice through transparency. <u>Western Surgical</u> <u>Association</u> 2012 Annual Scientific Session, The Broadmoor Resort, Colorado Springs, Colorado, November 4, 2012. (A#6)

- 154. Egger ME, Scoggins CR, Metzger T, Callender G, Nowacki M, McMasters KM, Kelly L, Martin RCG, Tatum C. Radiologic criteria for response to chemotherapy (RECIST) in colorectal liver metastases does not correlate with residual tumor in patients undergoing hepatic resection. <u>Southern Surgical Association</u> Meeting, The Breakers, Palm Beach, Florida, December 5, 2012. (A#34)
- 155. Burnett NP, Dunki-Jacobs EM, Scoggins CR, McMasters KM, Martin RCG. Evaluation of AFP staging system for hepatocellular carcinoma in non-cirrhotic patients. <u>Southeastern Surgical Congress</u> Meeting, Hyatt Regency, Jacksonville, Florida, February 11, 2013. (A#20)
- 156. Doughtie CA, Egger ME, Cannon RM, Martin RCG, McMasters KM, Scoggins CR. Laparoscopic hepatectomy is a safe and effective approach for resecting large colorectal liver metastases. <u>Southeastern Surgical Congress</u> Meeting, Hyatt Regency, Jacksonville, Florida, February 11, 2013. (A#31)
- 157. Egger M, **McMasters KM.** Unique genes in tumor-positive SLN associated with nonsentinel lymph node metastases in melanoma. <u>Society of Surgical Oncology</u> Cancer Sympsium, National Harbor, Maryland, March 7, 2013 (Oral presentation #4)
- 158. Egger M, Stepp LO, Callender GG, Quillo AR, Martin RCG, Scoggins CR, Stromberg AJ, McMasters KM. Outcomes and prognostic factors in superficial spreading melanoma. <u>Southwestern Surgical</u> Congress Meeting, Bacara Resort & Spa, Santa Barbara, California, March 24, 2013 (A#4)
- 159. Fox, M, McMasters KM. Laparoscopic component separation reduces postoperative wound complications but does not alter recurrence rates in complex hernia repairs. <u>Southwestern</u> <u>Surgical</u> Congress Meeting, Bacara Resort & Spa, Santa Barbara, California, March 24, 2013 (A#5)
- 160. Burton A, McMasters KM. Prognostic factors in young women with cutaneous melanoma. <u>Southwestern Surgical</u> Congress Meeting, Bacara Resort & Spa, Santa Barbara, California, March 24, 2013 (A#46)
- Doughtie CA, McMasters KM. Factors affecting detection of metastasis in the "hottest" sentinel lymph node in breast cancer. <u>Southwestern Surgical</u> Congress Meeting, Bacara Resort & Spa, Santa Barbara, California, March 24, 2013 (A#47)
- 162. Egger ME, Brown RE, Roach BA, Quillo, AR, Martin, RCG, Scoggins CR, Stromberg AJ, McMasters KM. The addition of a deep inguinal dissection does not improve nodal recurrence or survival in melanoma. <u>Western Surgical Association</u> Annual Meeting, The Grand America Hotel, Salt Lake City, Utah, November 4, 2013. (A#20)
- 163. Egger ME, Bower M, Czyszczon, Farghaly H, Noyes RD, Martin RCG, Scoggins CR, Stromberg AJ, McMasters KM. Comparison of sentinel lymph node micrometastatic tumor burden measurements in melanoma. <u>Southern Surgical Association</u> 125th Meeting, The Homestead, Hot Springs, Virginia, December 2, 2013. (A#1)

- 164. Gaulding JV, Burton AL, Egger ME, Stromberg AJ, Martin RCG, McMasters KM, Callender GG, Scoggins CR. Transverse incision for superficial inguinal lymphadenectomy for melanoma is associated with decreased risk of wound debridement compared to oblique incision. Poster presentation during the <u>Southeastern Surgical Congress</u>, Westin Savannah Harbor Golf Resort & Spa, Savannah, Georgia, February 23, 2014 (P#12)
- 165. Wehry J, Martin RCG, McMasters KM. Restrictive blood transfusion protocol in liver resections patients reduces blood transfusions with no increase in patient morbidity. Poster presentation during the <u>Southeastern Surgical Congress</u>, Westin Savannah Harbor Golf Resort and Spa, Savannah, Georgia, February 24, 2014. (P#85)
- 166. Egger M, Kimbrough CW, Stromberg AJ, Quillo AR, Martin RCG, Scoggins CR, McMasters KM. Melanoma patient quality of life outcomes after sentinel lymph node biopsy, completion lymphadenectomy, and adjuvant interferon. <u>Society of Surgical Oncology</u> Annual Cancer Symposium, Melanoma Parallel Session, Phoenix, Arizona, March 14, 2014. (A#55)
- 167. Kimbrough CW, Egger ME, Stromberg AJ, Hagendoorn, McMasters KM. Nodal basin recurrence and adequacy of resection following lymphadenectomy for melanoma. Quick Shot Session, Southwestern Surgical Congress Meeting, Westin Kierland Resort, Scottsdale, Arizona, April 16, 2014. (A#QS60)
- 168. Kimbrough C, Canary J, Jackson Lisa, Farrah I, Boswell M, McMasters KM, Scoggins, Charles. A low cost, low tech solution to operating room efficiency. Scientific Session IV, <u>Western Surgical Association</u> Meeting, Miramonte Resort, Indian Wells, California, November 11, 2014 (A#23)
- 169. Kimbrough CW, Agle SC, Scoggins CR, Martin RCG, Marvin MR, Davis EG, McMasters KM, Jones CM. Factors predictive of readmission after hepatic resection for hepatocellular carcinoma. Annual Meeting of the <u>Central Surgical Association</u>/ 65th Annual Cancer Symposium, March 6-9, 2014, Indianapolis, IN.
- 169. Martin RCG, Kwon D, Chalikonda S, Sellars M, Kortz E, Scoggins CS, Watkins KT, McMasters KM. Treatment of 200 locally advanced (Stage III) pancreatic adenocarcinoma patients with irreversible electroporation: Safety and efficacy. Scientific Session II, <u>American Surgical Association</u> 135th Annual Meeting, Marriott Marquis San Diego Marina, San Diego, California, April 23-25, 2015 (A#13)
- 170. Ajkay N, Agle SC, Quillo AR, Philips P, Scoggins CR, Martin RC, **McMasters** KM. Validation of the ACOSOG Z11 trial criteria: a matched cohort analysis on 637 women. 68th Annual Cancer Symposium of the <u>Society of Surgical Oncology</u>, Houston, TX, March 25-28, 2015 (A#65)
- 171. Kimbrough C, Egger ME, Stromberg AJ, Hagendoorn L, **McMasters** KM. Is skin graft for melanoma associated with increased risk of local and in-transit recurrence? 68th Annual Cancer Symposium of the <u>Society of Surgical Oncology</u>, Houston, TX, March 25-28, 2015. (P237)

- 172. Kimbrough CW, Egger ME, McMasters KM, Stromberg AJ, Martin RCG, Philips P, Scoggins CR. Molecular staging of sentinel lymph nodes identifies melanoma patients at increased risk of nodal recurrence. 127th Annual Meeting of the <u>Southern Surgical Association</u>, Hot Springs, VA, December 2015.
- 173. Doughtie CA, Edwards JD, Philips P, Agle SC, Scoggins CR, **McMasters** KM, Martin RCG. Infectious complications in combined colon resection and ablatin of colorectal liver metastases. Annual Meeting of the <u>Southwestern Surgical Congress</u>, Monterey, CA, December 2015.
- 174. Zeiderman M, Khanal A, Kimbrough CW, Gomez J, Grizzle WE, McMasters KM, McNally LR. Detection of pancreatic cancer using acidic pH targed probes detected using multispectral optoacoustic tomography. 106th Annual Meeting of the <u>American Assocation for Cancer</u> <u>Research</u>, Philadelpha, PA, April 18-22, 2015 (A#5116).
- 175. Wehry J, Agle S, Philips P, Cannon R, Scoggins CR, Puffer L, **McMasters** KM, Martin RCG. Restrictive blood transfusion protocol in malignant upper gastrointestinal and pancreatic resections patients reduces blood transfusions with no increase in patient morbidity. Annual Meeting of the <u>Southwestern Surgical Congress</u>, Monteray, CA, December 2015.
- 176. Mariella M, Kimbrough CW, **McMasters** KM, Ajkay N. Longer time intervals from diagnosis to surgical treatment in breast cancer: associated factors and survival impact. 69th Annual Cancer Symposium of the <u>Society of Surgical Oncology</u>, Boston, March 2-5, 2016.
- 177. Wechman SL, Rao XM, **McMasters KM**. Improved oncolytic virotherapy by increasing adenovirus spread. AACR 107th Annual Meeting on Bioinformatics and Systems Biology, New Orleans, LA, April 16-20, 2016.
- 178. Zeiderman M, **McMasters KM**, Chuong P. Acidic pH-targeted nanorods facilitate detection of orthotopic pancreatic tumors via multispects: optoacoustic tomography. AACR 107th Annual Meeting on Bioinformatics and Systems Biology, New Orleans, LA, April 16-20, 2016.
- 179. Beems MV, Lee CW, Brinkman A, Egger ME, Squires MH, Kooby D, Maithel S, Cho CS, Winslow ER, Martin RC, McMasters KM, Scoggins C, Weber SM. Can non-home discharge following major hepatectomy be predicted using preoperatively determined factors? 57th Annual Meeting of the <u>Society for Surgery of the Alimentary Tract</u>, San Diego, CA, May 21-24, 2016.
- 180. Dragun A, Ajkay N, Riley E, Roberts T, Pan J, Rai S, Jain D, Quillo A, Scoggins CR, McMasters KM. First results of a phase 2 trial of once-weekly hypofractionated breast irradiation (WHBI) for early-stage breast cancer. <u>American Society for Radiation Oncology</u> (ASTRO) 58th Annual Meeting Scientific Meeting, Boston, September 25-28, 2016.
- 181. Hsueh EC, DeBloom JR, Lee JH, Sussman JJ, Slingluff CL, McMasters KM. Interim analysis of survival outcomes in a prospective cohort evaluating a prognostic 31-gene expression profile (GEP) test for melanoma. American Society of Clinical Oncology Annual Meeting, Chicago, June 2-6, 2017.

- 182. Bhutiani, N, Egger ME, Ajkay N, Scoggins CR, Martin RM, **McMasters KM.** Multigene signature panels and breast cancer therapy: Patterns of utilization and impact on clinical decision-making. Southern Surgical Association Meeting, December 4, 2017 (A#5)
- 183. Ajkay N, Bhutiani N, Howard JD, Huang B, Scoggins CR, Martin RCG, McMasters KM, Polk HC. Evaluating the early impact of Medicaid expansion on the quality of breast cancer care in Kentucky. Southern Surgical Association Meeting, December 5, 2017 (A#15)

INVITED LECTURES AND PRESENTATIONS:

NAMED LECTURESHIPS:

J.B. Howell Lectureship Contemporary Surgical Management of Melanoma Baylor, Webb Roberts Hospital Dallas, TX, March 26, 2003

Surgical Management of Melanoma and the Sunbelt Melanoma Trial John H. Gibbons, Jr., MD, Society Grand Rounds Thomas Jefferson University Philadelphia, PA, April 30, 2009

Current Management of Melanoma The Altemeier Lecture, Surgical Grand Rounds Department of Surgery, University of Cincinnati Cincinnati, Ohio, May 20, 2009

Melanoma 2012 2012 Thoroughman Surgical Grand Rounds Winship Cancer Institute, Emory University School of Medicine Atlanta, GA, February 2, 2012

Lessons Learned from the Sunbelt Melanoma Trial Claude H. Organ, Jr. Memorial Lecture Southwestern Surgical Congress Annual Meeting The Bacara Resort & Spa, Santa Barbara, CA, March 27, 2013

Lessons Learned from the Sunbelt Melanoma Trial The Temple Lecture Canadian Society of Surgical Oncology Delta Chelsea Hotel, Toronto, ON Canada, April 26, 2013

Melanoma: Controversies and Current Therapy Seventeenth George E. Block Memorial Lecture University of Chicago, Chicago, IL, April 30, 2013

Melanoma Charles Eckert Lecture Albany Medical Center Department of Surgery Albany, NY, September 4, 2014

Advances in the Treatment of Melanoma Donald Blechman Lecture University of Pittsburgh Pittsburgh, PA, November 2, 2016

Melanoma: Not Just for Surgeons Anymore 2017 Richard Martin Visiting Professorship Surgical Grand Rounds M.D. Anderson Cancer Center Houston, TX, June 23, 2017

The Fundamental Difference Between Cancer Treatment and Patient Care The Twenty-Third Oliver H. Beahrs Visiting Professor of Surgery Lecture Surgical Grand Rounds Mayo Clinic, Rochester, MN, April 9, 2018

Melanoma: Not Just for Surgeons Anymore 43rd Annual Robert M. Zollinger Visiting Professorship Surgical Grand Rounds The Ohio State University, Columbus, OH, May 31, 2018

NATIONAL/INTERNATIONAL:

Regulation of Gene Expression in Ovarian Granulosa Cells American Association of Anatomists New Orleans, LA, May, 1989

Surgical Treatment of Hepatic Metastasis Surgical Oncology Grand Rounds UT-M.D. Anderson Cancer Center Houston, TX, February, 1996

Clinical Trials in Adjuvant Therapy Hilton Head, SC, May 30, 1997

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Grand Rounds Winchester Medical Center Maryland, June 10, 1997

Recent Advances in the Staging and Treatment of Melanoma University of Illinois Oak Brook, IL, November 22, 1997

Melanoma Staging: A Roundtable Discussion Miami, FL, February 27, 1998

New Frontiers in Melanoma Therapy Society of Surgical Oncology San Diego, CA, March 26, 1998

Image-Guided Surgery for the Surgical Oncologist Society of Surgical Oncology San Diego, CA, March 29, 1998

Mini-Course on Sentinel Lymph Node Biopsy Southwestern Surgical Congress Rancho Mirage, CA, April 22, 1998

Minimally Invasive Molecular Staging of Breast Cancer and Malignant Melanoma: Early Detection of Occult Micrometastases via Sentinel Node Biopsy and PCR Analysis Cancer Institute of New Jersey New Brunswick, NJ, April 28, 1998

Sentinel Lymph Node Biopsy in Melanoma and Breast Cancer Patients American College of Surgeons, Pennsylvania Chapter Reading, Pa, November 6, 1998

Sentinel Lymph Node Biopsy: Is this the Standard of Care? Breast Cancer Symposium North Carolina Chapter, American College of Surgeons East Carolina University School of Medicine Greenville, NC, December 3, 1998

Sentinel Lymph Node Biopsy (with Live Telesurgery) The 4th Annual Multidisciplinary Symposium on Breast Disease Amelia Island, Fl, February 13, 1999

Sunbelt Melanoma Trial Society of Surgical Oncology Orlando, Fl, March 5, 1999

Technique Optimization for Probe-Directed Sentinel Node Biopsy for Breast Cancer Society of Surgical Oncology Orlando, Fl, March 6, 1999

Sunbelt Melanoma Trial Eastern Cooperative Oncology Group Baltimore, MD, June 13, 1999

Molecular Staging of Melanoma Innovations in the Management of Breast Cancer and Melanoma Conference University of Michigan Traverse City, MI, July 23, 1999

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Innovations in the Management of Breast Cancer and Melanoma Conference University of Michigan Traverse City, MI, July 24, 1999

Sentinel Lymph Node Biopsy and the Sunbelt Melanoma Trial Grand Rounds Roanoke, VA, July 27, 1999 Sunbelt Melanoma Trial: Rationale for the Protocol Advances in Melanoma – Investigator's Meeting Naples, FL, September 25, 1999

Sentinel Lymph Node Biopsy: Where are we? Community Forum Second Annual Charlotte Breast Cancer Symposium Charlotte, NC, September 30, 1999

Results of a Multicenter Sentinel Lymph Node Trial for Breast Cancer Physician Forum Second Annual Charlotte Breast Cancer Symposium Charlotte, NC, September 30, 1999

Intraoperative Lymphatic Mapping and SLN Biopsy – Status of Sunbelt Melanoma Trial Changing Trends in Melanoma Management Panel American College of Surgeons Meeting San Francisco, CA, October 13, 1999

The Sunbelt Melanoma Trial: Sentinel Lymph Node Biopsy for Melanoma Melanoma at the Millenium Phoenix, AZ, February 17, 2000

Melanoma – The SLN: Why, When & Where American Academy of Dermatology Annual Meeting San Francisco, CA, March 14-15, 2000

Adjuvant Interferon for High Risk Melanoma Patients Meet the Professor Debates Society of Surgical Oncology Annual Meeting New Orleans, LA, March 16-19, 2000

Sunbelt Melanoma Trial Advances in the Adjuvant Treatment of Melanoma Live Teleconference Washington, DC, April 4, 2000

SLN Biopsy Techniques – Panel Discussion & Video Analysis American Society of Breast Surgeons Charleston, SC, April 14, 2000

Credentialing Sentinel Lymph Node Staging for Breast Cancer in the Real World Practice of General Surgery American Society of Breast Surgeons Charleston, SC, April 14, 2000

Sentinel Lymph Node Biopsy/Sunbelt Melanoma Trial Melanoma Symposium Washington, DC, May 13, 2000

Sentinel Lymph Node Biopsy as a Staging Tool Intermountain Melanoma Update Denver, CO, June 17, 2000

Sentinel Lymph Node Biopsy for Melanoma Tumor Board Cleveland Clinic Cleveland, OH, June 27, 2000

Sentinel Lymph Node Biopsy for Melanoma Melanoma Frontier: Clinical Evolution, Therapeutic Advances Symposium Naples, FL, July 8, 2000

Sentinel Node Biopsy 10th Annual CME Cancer Symposium: Malignant Melanoma The Cancer Center of Cape Fear Valley Health System Fayetteville, NC, October 6, 2000

Role of Sentinel Node Biopsy in Staging and Therapy of Melanoma Post Graduate Course, American College of Surgeons Annual Meeting Chicago, IL, October 22-27, 2000

Sentinel Lymph Node Biopsy Minneapolis Surgical Society Minneapolis, MN, November 6, 2000

Lymphatic Mapping and Sentinel Lymph Node Biopsy in the Melanoma Patient Tulane University New Orleans, LA, November 8, 2000

Sentinel Lymph Node Biopsy in Melanoma & Breast Cancer Visiting Professor, University of Calgary Calgary, Alberta, Canada, February 1, 2001

Sentinel Lymph Node Biopsy for Melanoma: The Sunbelt Melanoma Trial. Current Strategies in the Diagnosis and Treatment of Malignant Melanoma Symposium Cross Cancer Institute Alberta, Canada, February 2, 2001

Sentinel Lymph Node Biopsy Advanced Surgical Applications Workshop 6th Annual Multidisciplinary Symposium on Breast Disease Amelia Island, FL, February 15, 2001

Problems and Solutions: Standard Treatment of Stage IIB and IIIB Patients. Fifth World Conference on Melanoma Venice, Italy, March 3, 2001

Sunbelt Melanoma Trial: Sentinel Lymph Node Biopsy for Melanoma Tumor Board, Fox Chase Cancer Center Philadelphia, PA, March 27, 2001 Sentinel Lymph Node Biopsy for Melanoma and Breast Cancer Hematology/Oncology Mini Program Mayo Clinic, Jacksonville, FL, April 5, 2001

Sunbelt Melanoma Trial/Sentinel Lymph Node Biopsy for Melanoma St. Paul Medical Center Dallas, TX, May 23, 2001

Sunbelt Melanoma Trial/Sentinel Lymph Node Biopsy for Melanoma Scott and White Clinic Temple, TX, May 24, 2001

Sunbelt Melanoma Trial 2nd Symposium on Advances in the Biology and Treatment of Cutaneous Melanoma Boston, MA, October 5, 2001

Molecular Staging of Melanoma 2001 Melanoma Symposium Society of Surgical Oncology Washington, DC, March 15, 2001

Overview of Breast Surgery: Sentinel Lymph Node Biopsy American Society of General Surgeons Toronto, CA, April 21, 2001 Sentinel Lymph Node Biopsy: The Debate Sentinel Lymph Node Biopsy: A Procedure Which Must Be Defined by a Prospective Randomized Trial American Society of Breast Surgeons, May 4, 2001

The Current Treatment of Melanoma American College of Surgeons New Orleans, LA, October 11, 2001

Surgical Treatment of Melanoma 23rd Annual Cancer Symposium Cleveland, OH, October 18, 2001

Sentinel Lymph Node Biopsy for Melanoma Wright State University Dayton, OH, March 13, 2002

Update on Hepatobiliary Malignancies Society of Surgical Oncology Denver, CO, March 14, 2002

Breast Cancer Society of Surgical Oncology Denver, CO, March 14, 2002

Meet the Professor Breakfast Society of Surgical Oncology Denver, CO, March 16, 2002

Sentinel Lymph Node Mapping in Melanoma Golden Horn Restaurant Tupelo, MS, May 2, 2002

Sentinel Lymph Node Biopsy for Melanoma Grand Rounds, St. Luke's Medical Center Milwaukee, WI, May 10, 2002

Sunbelt Melanoma Trial Update/Sentinel Lymph Node Biopsy Philadelphia, PA, May 28, 2002

Sunbelt Melanoma Trial Update Tulane University New Orleans, LA, June 13, 2002

Sentinel Lymph Node Biopsy for Melanoma Grand Rounds, Roswell Park Cancer Center Buffalo, NY, October 23, 2002 Sentinel Lymph Node Biopsy for Melanoma Amherst, NY, October 23, 2002

Sunbelt Melanoma Trial Update Grand Rounds, State University of New York at Buffalo Buffalo, NY, October 24, 2002

Sentinel Lymph Node Biopsy for Melanoma Dermatology Grand Rounds – University of Miami Miami, FL, January 22, 2003

Management of Primary Melanoma North Carolina Chapter of the American College of Surgeons Charlotte, NC, January 30, 2003

Update: Sentinel Lymph Node Biopsy for Breast Cancer North Carolina Chapter of the American College of Surgeons Charlotte, NC, January 30, 2003

Melanoma: Interferon Therapy – When Indicated 27th Annual Hawaii Dermatology Seminar Maui, HI, February 21, 2003

No Consensus Here: An Update on Adjuvant Therapy for Melanoma Moderator Society of Surgical Oncology Annual Meeting Los Angeles, CA, March 6, 2003

Sentinel Lymph Node Biopsy for Melanoma and Breast Cancer Dallas Society of General Surgery Dallas, TX, March 25, 2003

Combining Resections with Ablations: Extending the Limits of Treatment ACOSOG/ACRIN Workshop on Ablative Therapy for Hepatic Metastases Washington Duke Inn and Golf Club, Durham, NC, March 31, 2003

Modern Melanoma Management 32nd Annual Postgraduate Course in Surgery Medical University of South Carolina Charleston, SC, April 25, 2003

Role of Sentinel Node Biopsy in the Management of Breast Cancer 32nd Annual Postgraduate Course in Surgery Medical University of South Carolina Charleston, SC, April 25, 2003

Radiofrequency Ablation of Liver Tumors 32nd Annual Postgraduate Course in Surgery Medical University of South Carolina Charleston, SC, April 25, 2003

RT-PCR and Sentinel Lymph Node Biopsy National Cancer Institute Melanoma State of the Science Meeting Bethesda, MD, May 5, 2003

Optimal Technique for Sentinel Node Biopsy 67th Annual Course: Advances in Breast, Endocrine and Cancer Surgery University of Minnesota Minneapolis, MN, June 11, 2003

Should Sentinel Lymph Node Biopsy Be Considered Standard of Care?
67th Annual Course: Advances in Breast, Endocrine and Cancer Surgery
University of Minnesota
Minneapolis, MN, June 11, 2003
Sentinel Node Biopsy is the Gold Standard
South Carolina Surgical Society & South Carolina Chapter American College of Surgeons Joint Meeting
Sea Island, GA, June 19, 2003

Breast DCIS – What's in a Name South Carolina Surgical Society & South Carolina Chapter American College of Surgeons Joint Meeting Sea Island, GA, June 19, 2003

Adjuvant Therapy for Melanoma South Carolina Surgical Society & South Carolina Chapter American College of Surgeons Joint Meeting Sea Island, GA, June 20, 2003

Liver Surgery Update South Carolina Surgical Society & South Carolina Chapter American College of Surgeons Joint Meeting Sea Island, GA, June 21, 2003

Sentinel Lymph Node Biopsy & Adjuvant Therapy for Melanoma Grand Rounds, Yale Cancer Center New Haven, CT, June 24, 2003

Sentinel Lymph Node Biopsy 11th Annual Coastal Oncology Symposium Wilmington, NC, June 27, 2003

Surgical Management of DCIS and LCIS 11th Annual Coastal Oncology Symposium Wilmington, NC, June 27, 2003

Discussion: Trials of Biologic Modification of Ablation ACOSOG / ACRIN Workshop on Ablative Therapy for Hepatic Metastases Durham, NC, September 8, 2003

Melanoma Symposium: Update on the Management of Regional Nodes in Breast Cancer, Melanoma and Colon Cancer Canadian Surgery Forum Vancouver, British Colombia, Canada, September 19, 2003

Lessons Learned from the Sunbelt Melanoma Trial Visiting Professor Surgical Grand Rounds: Lessons Learned from the Sunbelt Melanoma Trial Memorial Sloan-Kettering Cancer Center New York, NY, October 6, 2003

Breast Cancer Disease States Ethicon Fairmont Chicago Hotel Cincinnati, OH, October 20, 2003

Current Melanoma Management Visiting Professor and Surgical Grand Rounds Good Samaritan Hospital Cincinnati, OH, October 30 & 31, 2003

Visiting Professor National Cancer Center, Division of Surgical Oncology Rome, Italy, November 3, 2003

Visiting Professor State of the Art: Sentinel Node Surgery for Melanoma University of Rome "La Sapienza" Rome, Italy, November 5, 2003

The New AJCC Staging System for Melanoma Rome, Italy, November 4, 2003

SLN Trials: Sunbelt Melanoma Melanoma Workshop American College of Surgeons Oncology Group Durham, NC, December 12, 2003

Tumor Forum: Recent Advances in Lymphatic Mapping: Sentinel Lymph Node Biopsy and Surgical Treatment of Melanoma St. Joseph's Hospital Regional Cancer Center Orange, CA, January 21, 2004

Breast Disease: Current Evaluation and Management – 2004 Postgraduate Course Panel Moderator Southeastern Surgical Congress Annual Scientific Meeting Omni Hotel, Atlanta, GA, January 31, 2004

Advances and Controversies in Melanoma: Controversies in Sentinel Node Biopsy Melanoma Forum American Academy of Dermatology 62nd Annual Meeting Washington Convention Center, Washington, DC, February 10, 2004

ACOSOG/FAME Sentinel Lymph Node Course Mentor Muskogee, OK, February 28, 2004

Current Concepts in Melanoma Session Moderator Society of Surgical Oncology 57th Annual Meeting New York Marriott Marquis Hotel New York, NY, March 18, 2004

Melanoma: Controversies and Clinical Decisions Session Moderator Society of Surgical Oncology 57th Annual Meeting New York Marriott Marquis Hotel New York, NY, March 18, 2004

Sentinel Lymph Node Biopsy for Breast Cancer Palmetto Health 9th Annual Spring Breast Symposium South Carolina State Museum Columbia, SC, April 16, 2004

Management of Ductal Carcinoma In-Situ Palmetto Health 9th Annual Spring Breast Symposium South Carolina State Museum Columbia, SC, April 16, 2004

The Sunbelt Melanoma Trial 1st International Symposium on Melanoma & Other Cutaneous Malignancies The Plaza Hotel New York, NY, April 23, 2004

Lessons Learned From the Sunbelt Melanoma Trial Surgical Grand Rounds Department of Surgery, Duke University Medical Center Durham, NC, May 12, 2004

Sentinal Lymph Node Biopsy & Live Surgery Demonstrations Changsha, Hunan Province, China, May 19, 2004

Sentinal Lymph Node Biopsy & Live Surgery Demonstrations Kunming, Yunnan Province, China, May 20, 2004

Sentinel Lymph Node Biopsy 2004 Mammotone Summit Shangri-la, China, May 21-22, 2004

Sentinel Lymph Node Biopsy and Adjuvant Therapy for Melanoma Cancer Conference St. Dominic-Jackson Memorial Hospital Jackson, MS, May 25, 2004

Sentinel Lymph Node Biopsy and Current Management of Melanoma South Central Dermatologic Congress and Southeastern Dermatologic Association Grove Park Inn Resort Asheville, NC, July 9, 2004

The New AJCC Staging System and Molecular Staging South Central Dermatologic Congress and Southeastern Dermatologic Association Grove Park Inn Resort Asheville, NC, July 9, 2004

Melanoma in the New Millenium Speaker's Bureau Training Meeting Hyatt Regency O'Hare Chicago, IL, July 24, 2004

Sentinel Lymph Node Biopsy for Melanoma Surgical Grand Rounds York Hospital York, PA, November 5, 2004

Melanoma Lunch & Learn Program North Memorial Hospital Minneapolis, MN, November 11, 2004

Clinical Trials of Sentinel Lymph Node Biopsy for Melanoma Society for Melanoma Research 2nd International Melanoma Research Congress Phoenix, AZ, November 14, 2004

Lymphatic Mapping, Sentinel Node Detection and Gamma Guided Surgery Marriott Courtyard Overland Park, KS, November 20, 2004

The Surgical Oncology Perspective Management of Micrometastatic Melanoma: Interdisciplinary Perspectives Workshop Hyatt Regency Atlanta Atlanta, GA, March 4, 2005

What Good Is Sentinel Lymph Node Biopsy if it Does Not Improve Survival? Meet the Professor Breakfast The Society of Surgical Oncology Hyatt Regency Atlanta Atlanta, GA, March 5, 2005

Approaches to Melanoma: A Surgical Oncologist Perspective Didactic Tumor Board Department of Pathology, Reading Hospital and Medical Center Reading, PA, March 30, 2005

Current Concepts in Melanoma Management 8th Annual Melanoma Symposium Department of Surgery, St. Joseph Hospital Orange, CA, May 21, 2005

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Surgical Grand Rounds Department of Surgery, University of Pennsylvania Philadelphia, PA, June 9, 2005

Sentinel Node Biopsy Seminar Tianjin Cancer Center Tianjin, China, September 21, 2005

Sentinel Node Biopsy 8th National Breast Cancer Conference Shanghai Medical Center, Shanghai, China, September 23, 2005

Sentinel Lymph Node Biopsy Consensus Reached: The New Thinking on Breast Cancer Session during American College of Surgeons Meeting San Francisco, California, October 16, 2005 Should All Patients With Melanoma Undergo Sentinel Lymph Node Biopsy Evidence-Based Decisions in Cancer Management Postgraduate Course during American College of Surgeons Meeting San Francisco, California, October 17, 2005

Completion Axillary Lymph Node Dissection is Unnecessary for Sentinel Nodes Positive Breast Cancer" (arguing against this position) Society for Surgical Oncology San Diego, California, March 23, 2006

The Society of Clinical Surgeons Sentinel Lymph Node Biopsy for Melanoma Lexington, KY, April 10, 2006

Sentinel Lymph Node Biopsy for Breast Cancer American Society of Breast Disease Symposium Las Vegas, NV, April 28, 2006

Career Path and Experience as the Chairman of Surgery Alumni Association of the Graduate School Of Biomedical Sciences Piscataway, NJ, May 22, 2006

Lessons Learned From the Sunbelt Melanoma Trial Harwell Wilson Surgical Society Memphis, TN, June 9, 2006

Lessons Learned From the Sunbelt Melanoma Trial 22nd Annual Department of Surgery Residents Day Department of Surgery, University of Arkansas Little Rock, AR, June 12, 2006

Sunbelt Trial Sentinel Node Biopsy: New Boundaries 5th Biennial International Sentinel Node Society Meeting Sheraton Parco de' Medici Hotel & Resort Rome, Italy, November 4, 2006

Is Completion Axillary Node Dissection Necessary for Sentinel Node Positive Breast Cancer Fall Symposium on Controversies in Breast Cancer Management Alexian Brothers Cancer Institute Elk Grove, IL, November 11, 2006

Controversies of Sentinel Lymph Node Biopsy University of Minnesota Hyatt Regency, Minneapolis, MN, June 14, 2007

Controversies in the Diagnosis and Treatment of Patients with Ductal Cancer In Situ (DCIS) University of Minnesota Hyatt Regency, Minneapolis, MN, June 14, 2007

Breast Cancer Diagnosis and Treatment National Meeting of American Association of Medical Assistants Louisville Marriott Downtown, Louisville, KY, September 11, 2007

Treatment Options for Patients With Colorectal Cancer Liver Metastases Georgia Surgical Society Meeting The Cloister, Sea Island, GA, September 20, 2007

Sentinel Lymph Node Biopsy for Breast Cancer Georgia Surgical Society Meeting The Cloister, Sea Island, GA, September 21, 2007

Evaluation and Management (E/M) Coding for Surgeons: How to Win Without Cheating Georgia Surgical Society Meeting The Cloister, Sea Island, GA, September 22, 2007

6th Biennial International Sentinel Node Society Meeting "Melanoma" (session chair) "Controversies in SLNB (session chair) "Sunbelt Melanoma Trial" (presenter) February 14-23, 2008 Sydney, Australia

Sunbelt Melanoma Trial Special Session – Trial Reports Parkside Auditorium, Convention Center Sydney, Australia, February 19, 2008

Final Results of the Sunbelt Melanoma Trial American Society of Clinical Oncology Annual Meeting McCormick Place, Chicago, Illinois, June 1, 2008

Current Management of Melanoma - 2008 General Surgery Update Course University of South Carolina Hilton Head, South Carolina, June 9, 2008

General Surgery Update University of South Carolina General Surgery Update The Plantation Conference Center Hilton Head, South Carolina, June 9, 2008

Sentinel Lymph Node Biopsy for Breast Cancer University of South Carolina General Surgery Update The Plantation Conference Center Hilton Head, South Carolina, June 10, 2008

Management of Ductal Carcinoma *in situ* of the Breast General Surgery Update Course University of South Carolina Hilton Head, SC, June 11, 2008

Evaluation and Management (E/M) Coding for Surgeons and Pay for Performance: How to Beat Them at Their Own Game General Surgery Update Course University of South Carolina Hilton Head, SC, June 12, 2008

Surgical Management of Stage III and IV Melanoma Southeastern Surgical Congress Clinical Dilemmas in Cancer Surgery Postgraduate Course Marriott Marquis Atlanta, Georgia, February 7, 2009

Office Coding: Assuring Compliance and Value via an Automated System Maximizing Reimbursement: The Use of CPT Coding in a Surgical Oncology Practice Society of Surgical Oncology Hyatt Regency Phoenix, Arizona, March 6, 2009

Melanoma Surgical Grand Rounds University of Columbia-Missouri Columbia, Missouri, March 18, 2009

Sentinel Lymph Node Biopsy: Past, Present and Future Ontario Provincial Melanoma Update Conference The Waterway Inn Port Credit, Mississauga, Canada, April 4, 2009

Sentinel Lymph Node Biopsy for Breast Cancer Medical University of South Carolina 38th Annual Postgraduate Course in Surgery Doubletree Guest Suites Charleston, SC, April 16, 2009

E/M Coding: How to Win Without Cheating Medical University of South Carolina 38th Annual Postgraduate Course in Surgery Doubletree Guest Suites Charleston, SC, April 16, 2009

Modern Melanoma Management Medical University of South Carolina 38th Annual Postgraduate Course in Surgery Doubletree Guest Suites Charleston, SC, April 16, 2009

Current Treatment of Melanoma Surgical Grand Rounds University of Alabama Birmingham Birmingham, AL, August 20, 2009

This House Believes that Adjuvant Treatment Should be the Standard In Stage II-III Melanoma ECMO 15 – ESMO 34 Symposium/Debate Berlin, Germany, September 23, 2009

Honor, Duty and Purpose in Surgery Southeastern Surgical Congress Presidential Speech Westin Savannah Harbor, Savannah, GA, February 21, 2010

Current Management of Melanoma Surgical Grand Rounds Carolina Medical Center Charlotte, NC, July 9, 2010

DCIS Virginia Mason Medical Center Seattle, WA, May 26, 2011

Melanoma 2011 Joel W. Baker Lecture in Surgery Virginia Mason Medical Center Seattle, WA, May 27, 2011

Novel Therapies for Melanoma Festschrift Honoring Dr. Charles Balch Symposium: The Future of Surgical Oncology Baltimore, MD, May 28, 2011

Development of a Computer Model for Predicting Melanoma Prognosis International Surgical Group Meeting Zurich, Switzerland August 20, 2011

Current Management of Melanoma Roswell Park Cancer Institute Buffalo, NY October 12, 2011

Controversies in the Management of the Axilla Southwestern Surgical Congress Pre-Symposium Session Terranea Resort, Rancho Palos Verde, CA March 25, 2012

Viral-Mediated Gene Therapy in Combination with Temozolomide in Melanoma American College of Surgeons, Surgical Forum Hilton Chicago, Chicago, IL, October 1, 2012

Understanding Breast Cancer Surgical Grand Rounds University of Chicago Chicago, IL, May 1, 2013

R. Arnold Griswold, M.D., Pioneer in Trauma Care 87th Annual Meeting of The Halsted Society Minneapolis, MN, September 13, 2013

Lessons Learned from the Sunbelt Melanoma Trial Duke University School of Medicine Durham, NC, October 1, 2013

Current Management of Melanoma Southwest Missouri Chapter of the American College of Surgeons Meeting Metropolitan Grill, Springfield, MO, October 16, 2013

Gene Analysis "Success Stories" in Melanoma Society of Surgical Oncology Annual Cancer Symposium Personalizing Cancer Therapy Session Phoenix, AZ, March 13, 2014

Melanoma University of Texas Medical Branch Surgical Grand Rounds Galveston, TX, September 21, 2016

Advancements in the Treatment of Melanoma Philadelphia Academy of Surgeons The College of Physicians and Surgeons, Mutter Museum Philadelphia, PA, January 9, 2017

Advancements in the Treatment of Melanoma Surgical Grand Rounds Cooper University Health System Philadelphia, PA, January 10, 2017

The Sunbelt Melanoma Trial Korean Society of Surgical Oncology Symposium V: Precision Medicine Seoul, Korea, February 25, 2017

Advancements in the Treatment of Melanoma Korean Society of Surgical Oncology Symposium V: Precision Medicine Seoul, Korea, February 25, 2017

For Patients with Resected Sentinel Node Positive Melanoma, Routine Radiographic Surveillance is Essential: Con The Great Debates II Society of Surgical Oncology Cancer Symposium Washington State Convention Center Seattle, WA, March 18, 2017

Melanoma/Soft Tissue Sarcomas Global Forum of Cancer Surgeons The Best of SSO Annual Cancer Symposium Cancun, Mexico, August 31, 2017

For Patients with Resected Sentinel Node Positive Melanoma, Routine Radiographic Surveillance is Essential Great Debates in Surgical Oncology The Best of SSO Annual Cancer Symposium Cancun, Mexico, August 31, 2017

Systemic Adjuvant Therapy for Melanoma: Checkpoint Inhibitors Are the Best Choice? Great Debates in Surgical Oncology The Best of SSO Annual Cancer Symposium Cancun, Mexico, August 31, 2017

Melanoma/Sarcoma Interactive Meet Between Professors, Fellows & Residents The Best of SSO Annual Cancer Symposium Cancun, Mexico, September 1, 2017

Certification and Quality Control of Surgical Oncology Residencies-The SSO Experience XIII Brazilian Soiety of Surgical Oncology (BSSO) Windsor Barra, Rio de Janeiro, Brazil, October 27, 2017

Completion of Lymph-Node Dissection in Melanoma-Current Status XIII Brazilian Soiety of Surgical Oncology (BSSO) Windsor Barra, Rio de Janeiro, Brazil, October 28, 2017

The Sunbelt Melanoma Trial XIII Brazilian Soiety of Surgical Oncology (BSSO) Windsor Barra, Rio de Janeiro, Brazil, October 28, 2017

Life, Surgery and the Philosophy of Dry Creek Western Surgical Association Meeting Presidential Address Omni Scottsdale Resort and Spa at Montelucia, Scottsdale, AZ, November 5, 2017

Melanoma and Breast Micromets-Similarities and Differences Biennial Conference of the Israel Society of Surgical Oncology Elma Hotel & Arts Complex, Zichron Ya'akov, Israel, February 8, 2018

Completion Lymph Node Dissection for Micrometastasis in Melanoma Debate: Against Biennial Conference of the Israel Society of Surgical Oncology Elma Hotel & Arts Complex, Zichron Ya'akov, Israel, February 8, 2018

Treatment of Liver Metastases from Breast Cancer Biennial Conference of the Israel Society of Surgical Oncology Elma Hotel & Arts Complex, Zichron Ya'akov, Israel, February 9, 2018

2018 Presidential Address-Society of Surgical Oncology: The Fundamental Difference Between Cancer Treatment and Patient Care Chicago, IL, March 23, 2018

Lessons on Surgical Oncology Cleveland Surgical Society Lockkeeper's, Cleveland, OH, March 27, 2018

Impact of the Partnership Between JSGS, SSO, and Annals of Surgical Oncology Japanese Society of Gastroenterological Surgery 50th Anniversary Educational Lecture Shiroyama Hotel Kagoshima, Japan, July 13, 2018

INVITED LECTURES AND PRESENTATIONS:

LOCAL:

Effects of a Fixed-Volume Model of Hemorrhage on Leukocyte Ia and Mac-1 Expression, Macrophage Enzyme Activities, and Survival from Bacterial Infection Kentucky Chapter of the American College of Surgeons Lexington, KY, September, 1991

Human Gene Therapy Surgical Grand Rounds, University of Louisville, April, 1992

Surgical Treatment of Hepatic Metastasis Tumor Conference, James Graham Brown Cancer Center Louisville, KY, August 7, 1996

Neoadjuvant Therapy for Pancreatic Cancer Tumor Conference, James Graham Brown Cancer Center Louisville, KY, August 28, 1996

Hepatic Cryosurgery Kentucky Chapter of the American College of Surgeons Louisville, KY, September, 1996

Surgical Treatment of Hepatic Metastases Louisville Surgical Society Louisville, KY, January, 1997

The Sunbelt Melanoma Trial Surgical Grand Rounds University of Louisville, March 15, 1997

Lymphatic Mapping and Sentinel Lymph Node Biopsy for Melanoma Kentucky Chapter of the American College of Surgeons Lexington, KY, April 11, 1997

Melanoma & Node Mapping Plastic Surgery Grand Rounds Jewish Hospital Louisville, KY, June 13, 1997

Skin Cancer Screening and Early Diagnosis Central Baptist Hospital Lexington, KY, November 15, 1997

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Tumor Conference Campbellsville, KY, January 27, 1998

Sentinel Lymph Node Biopsy Trover Clinic Madisonville, KY, February 11, 1998

Clinical Problem Solving in Surgical Oncology Department of Surgery University of Louisville Louisville, KY, February 21, 1998

Sentinel Lymph Node Biopsy Surgical Technologists Association Louisville, KY, March 7, 1998

Evidence Based Practice of Oncology on Melanoma Kentucky Chapter of the American College of Surgeons Lexington, KY, March 14, 1998

Trends in Surgical Management. Esophageal Cancer: State of the Art Techniques and Strategies for the New Millennium ConferenceJewish HospitalLouisville, KY, March 19, 1998

Sentinel Lymph Node Biopsy LLAMA Louisville, KY, April 7, 1998

Sunbelt Melanoma Trial Update Tumor Conference James Graham Brown Cancer Center Louisville, KY, May 27, 1998

Recent Advances in the Treatment of Breast Cancer Louisville, KY, June 13, 1998

Melanoma and Node Mapping Plastic Surgery Grand Rounds Jewish Hospital Louisville, KY, June 19, 1998

Melanoma and Sentinel Lymph Node Biopsy Norton Hospital Cancer Resource Center Louisville, KY, June 25, 1998 Lymphoscintigraphy Breast Cancer Conference Louisville, KY, July 8, 1998

Case Presentations Tumor Conference Norton Hospital Louisville, KY, August 10, 1998

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Kentucky Society of Radiology Technologists Baptist East Hospital Louisville, KY, August 24, 1998

Sentinel Lymph Node Biopsy for Breast Cancer and Melanoma Owensboro, KY, September 23, 1998

New Technology in Surgical Oncology Daviess County Medical Society Owensboro, KY, October 10, 1998

Sentinel Lymph Node Biopsy for Pelvic Cancers Tumor Conference Norton Hospital Louisville, KY, December 14, 1998

Sentinel Lymph Node Biopsy for Breast Cancer Surgical Grand Rounds University of Louisville Hospital Louisville, KY, February 13, 1999

Technique and Rationale for Sentinel Lymph Node Biopsy 14th Annual Spring Oncology Nurse Conference Owensboro, KY, March 27, 1999

Sentinel Lymph Node Biopsy Kentucky Dermatologic Association Annual Spring Meeting Louisville, KY, April 17, 1999

Sentinel Lymph Node Biopsy for Breast Cancer Norton Healthcare Louisville, KY, April 23, 1999

Clinical Problems in Breast Cancer Clinical & Basic Science Conference Department of Surgery University of Louisville Louisville, KY, July 31, 1999

Changes in the Overall Management of Breast Cancer Patients Clinical & Basic Science Conference Department of Surgery University of Louisville Louisville, KY, August 28, 1999

Surgical/Medical Advances in Breast Cancer Kentuckiana Association of Perioperative Nurses Louisville, KY, February 26, 2000

Sentinel Node Sampling: Head and Neck Melanoma Kentucky Dental Association Annual Meeting Louisville, KY, April 1, 2000

Sentinel Lymph Node Biopsy First Annual Update in Anatomic Pathology Galt House East Louisville, KY May 12, 2000

Breast Cancer Update Clinical & Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, July 15, 2000

Sentinel Lymph Node Biopsy for Breast Cancer: An Update Surgical Grand Rounds University of Louisville Hospital Louisville, KY, September 16, 2000

Sentinel Lymph Node Biopsy Breast Symposium Norton Hospital, Louisville, KY, February 3, 2001

Sunbelt Melanoma Trial Update Tumor Conference James Graham Brown Cancer Center Louisville, KY, July 11, 2001

Radiofrequency Ablation of Liver Tumors Surgical Grand Rounds Department of Surgery University of Louisville Louisville, KY, August 4, 2001

Breast Cancer Update Clinical & Basic Science Conference Department of Surgery, University of Louisville, Louisville, KY, September 8, 2001

Cameo Look at Bench Research in Surgical Oncology at the University of Louisville Surgical Grand Rounds Department of Surgery, University of Louisville, December 8, 2001 Melanoma Case Presentations Tumor Conference James Graham Brown Cancer Center Louisville, KY, February 6, 2002

Sentinel Node Sampling Kentucky Dental Association Annual Meeting Louisville, KY, April 13, 2001

Melanoma Case Presentations/Sunbelt Melanoma Trial Update Tumor Conference James Graham Brown Cancer Center Louisville, KY, July 24, 2002

Integrated Care of the Breast Cancer Patient Clinical & Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, October 4, 2002

Radiofrequency Ablation of Liver Tumors Floyd Memorial Tumor Board New Albany, IN, July 17, 2003

Melanoma Cases Moderator - Tumor Conference James Graham Brown Cancer Center Louisville, KY, September 3, 2003

Advances in Melanoma: Staging and Adjuvant Treatment Speaker and Moderator - Tumor Conference James Graham Brown Cancer Center Louisville, KY, September 10, 2003 Sunbelt Melanoma Trial Case Presentations

Moderator – Tumor Conference James Graham Brown Cancer Center Louisville, KY, November 12, 2003

Melanoma Multi-modality Tumor Conference James Graham Brown Cancer Center Louisville, KY, February 5, 2004

Adenoviral Vector Gene Therapy for Cancer Department of Pharmacology and Toxicology Seminar University of Louisville Louisville, KY, February 19, 2004

Case Presentations Tumor Conference Norton Hospital Louisville, KY, March 22, 2004

Surgical Oncology Question and Answer Session Clinical and Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, March 26, 2004

Melanoma The Francene Show, Live Broadcast, WHAS Radio Louisville, KY, July 28, 2004

Breast Cancer Case Presentations Norton Hospital Tumor Conference Louisville, KY, August 13, 2004

Surgical Oncology Case Presentations Clinical & Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, August 27, 2004

Surgical Oncology Case Presentations Clinical & Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, October 21, 2004

Breast Cancer Case Presentations Norton Hospital Tumor Conference Louisville, KY, December 3, 2004

The Sources of Surgical Knowledge-Records, Registries, & Trials Kentucky Chapter/American College of Surgeons Meeting The Chamberley Brown Hotel Louisville, KY, February 4, 2005

Professionalism in Surgery, Part II Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, March 18, 2005

Melanoma Live NPR "State of Affairs" Interview National Public Radio Louisville, KY, June 16, 2005

Lessons Learned From the Sunbelt Melanoma Trial Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, July 8, 2005

Melanoma Louisville Medical Insights Louisville, KY, August 18, 2005

Lessons Learned from the Sunbelt Melanoma Trial Louisville Surgical Society Louisville, KY, September 7, 2005

Sentinel Lymph Node Biopsy for Breast Cancer Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, September 30, 2005

Current Management of Melanoma Surgical Grand Rounds Department of Surgery, University of Kentucky Lexington, KY, November 2, 2005

Adenovirus-Mediated Cancer Gene Therapy Department of Biochemistry & Molecular Biology Seminar Series University of Louisville Louisville, KY, December 19, 2005

Sentinel Lymph Node Biopsy for Melanoma Southern Society of Clinical Surgeons Norton Healthcare Pavilion Louisville, KY, April 10, 2006

Breast Cancer Case Presentations Multidisciplinary Breast Tumor Board Conference Norton Healthcare Pavilion Louisville, KY, April 14, 2006

Current Management of Melanoma Melanoma Awareness Week University of Louisville Hospital Louisville, KY, May 23, 2006

Sentinel Lymph Node Biopsy for Breast Cancer Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, July 14, 2006

Evaluation and Management of Melanoma Division of Dermatology Conference Department of Medicine, University of Louisville Louisville, KY, July 21, 2006

Sentinel Lymph Node Biopsy & Breast Cancer: Addressing the Controversies 2006 Louisville Breast Cancer Update Marriott Hotel Louisville, KY, September 9, 2006

Advances in Staging and Treatment of Melanoma University of Louisville Alumni Symposium Department of Medicine, University of Louisville Malcolm Chancey Alumni Center, University Club Louisville, KY, October 14, 2006

How to Give a Scientific Presentation Clinical Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, October 20, 2006

Sentinel Lymph Node Biopsy in Breast Cancer & Surgical Updates Annual Oncology Conference Mitchell Memorial Cancer Center Owensboro, KY, October 21, 2006

Sentinel Lymph Node Biopsy for Breast Cancer Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, April 6, 2007

Current Management of Melanoma Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, August 17, 2007

Alternative Technologies in RFA Advances in Laparoscopic Hepato Pancreato Biliary Surgery Program Transplant Center, Jewish Hospital Louisville Marriott Downtown Louisville, KY, September 14, 2007

The Appropriate Management of the Axilla in Early Breast Cancer Controversies in Clinical Breast Cancer Care Symposium University of Cincinnati Marriott River Center Covington, KY, October 27, 2007

How Surgeons Can Use the E/M Codes to Their Best Advantage Kentucky Chapter American College of Surgeons Fall Meeting Seelbach Hotel Louisville, KY, November 3, 2007

Sentinel Node Biopsy Surgical Grand Rounds, Division of Plastic Surgery Department of Surgery, University of Louisville Louisville, KY, December 12, 2007

E/M Coding: What Surgeons Need to Know Clinical and Basic Science Conference Department of Surgery, University of Louisville Louisville, KY, December 14, 2007

E/M Coding: What Surgeons Need to Know Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, February 1, 2008

Final Results of the Sunbelt Melanoma Trial Kentucky Chapter American College of Surgeons Meeting Griffin Gate Marriott Resort & Spa Lexington, KY, October 4, 2008

Alternative Technologies in RFA Advances in Laparoscopic Hepato Pancreato Biliary Surgery Jewish Hospital, Rudd Heart and Lung Louisville, KY, November 5, 2008

Controversies in the Surgical Management of Breast Cancer Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, April 10, 2009

Melanoma WAVE 3 Listens Louisville, KY, April 1, 2010

Melanoma and Skin Cancer WHAS Live Interview Louisville, KY, June 2, 2010

Melanoma WAVE 3 Listens Louisville, KY, July 28, 2010

Targeted Gene Therapy May Offer Hope Against Melanoma. New skin cancer drug appears to work when nothing else does. ABC News, August 26, 2010

Advances in the Staging and Treatment of Melanoma International Surgical Group Meeting The Brown Hotel, Louisville, KY, September 29, 2010

Controversies and Current Management of Melanomas Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, March 11, 2011

Melanoma 2011 Surgical Grand Rounds Good Samaritan Hospital, Department of Surgery Cincinnati, OH, March 25, 2011

The Sunbelt Melanoma Trial The J. G. Brown Cancer Center Annual Retreat The Olmstead, Louisville, KY, October 28, 2011

Current Management of Breast Cancer Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY April 27, 2012

Breast Cancer Resident Conference Department of Surgery, University of Louisville Louisville, KY, March 29, 2013

Regional Therapy for Melanoma Surgical Oncology Fellow Conference Division of Surgical Oncology Department of Surgery, University of Louisville Louisville, KY, May 7, 2013

All the Things You Didn't Learn in Residency: How to Manage Your Life Outside The Operating Room Resident Conference Department of Surgery, University of Louisville Louisville, KY, May 17, 2013

Arnold Griswold, MD: Pioneer in Trauma Surgery Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, December 13, 2013

Breast Cancer 101 Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, August 14, 2015

Management of Non-Melanoma Skin Cancers Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY, August 12, 2016

Melanoma Christine M. Kleinert Institute Resident Conference CMKI Conference Center, Jewish Hospital Outpatient Care Center Louisville, KY, March 22, 2017

Melanoma: Not Just for Surgeons Anymore Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY May 12, 2017

Soft Tissue Neoplasms Resident Conference Department of Surgery, University of Louisville Louisville, KY May 12, 2017

Reflections from the Other Side School of Medicine, University of Louisville Convocation Galt House Hotel, Louisville, KY May 13, 2017

Lymph Node Dissection for Breast Cancer and Melanoma: Is it Necessary Any More? Surgical Grand Rounds Department of Surgery, University of Louisville Louisville, KY April 27, 2018

The Fundamental Difference Between Cancer Treatment and Patient Care Tennessee Chapter of the American College of Surgeons Meeting Vanderbilt University DoubleTree Hotel, Nashville, TN August 11, 2018

SENTINEL LYMPH NODE COURSES:

University of Louisville

Center for Advanced Surgical Technologies (with Live Telesurgery), Alliant Health System, Louisville, KY, August 1997- November 1999.

Ethicon

Ethicon Endo-Surgery, Cincinnati, OH, September 1998 – November 2004. October 14, 2003 January 27, 2004 March 16, 2004 August 26, 2004 October 15, 2004 November 4, 2004

Anne Arundel Medical Center

Lymphatic Mapping and Sentinel Lymph Node Biopsy, Anne Arundel Medical Center, Annapolis, MD, January 2000 – November 2000.

Carolinas Medical Center

Sentinel Lymph Node Biopsy, Carolinas Medical Center, Charlotte, NC, February 2000 – October 2004. January 31, 2003 October 17, 2003 December 2, 2003 January 30, 2004 June 4, 2004 October 15, 2004

Coral Springs Medical Center

Sentinel Lymph Node Biopsy, Coral Springs Medical Center, Coral Springs, FL May 14, 2003 August 27, 2003