

Curriculum Vitae

10/31/2020

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Name:

Curtis Jackson Wray, M.D., M.S.

Present Title:

Associate Professor

Department of Surgery-General

Work Address:

McGovern Medical School

Department of Surgery

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Admin Assistant: Rena Leslie 713-500-7250

Citizenship:

United States

Born: Louisville, Kentucky

July 30, 1971

Undergraduate Education:

1989-1993 University of Louisville, Louisville, Kentucky.

Bachelor of Science, Chemistry.**Graduate Education:**

1994-1998 University of Kentucky College of Medicine, Lexington, Kentucky.

Doctorate of Medicine.

2009-2016 McGovern Medical School at the University of Texas Health Sciences Center at Houston

Master's Science in Clinical Research

Postgraduate Training:

1998-2005 University of Cincinnati College of Medicine, Cincinnati, Ohio.

Residency in General Surgery.

2000-2002 University of Cincinnati Department of Surgery, Cincinnati, Ohio.

T-32 Fellowship in Critical Care Research.

2005-2008 University of Texas M.D. Anderson Cancer Center, Houston, Texas.

Fellowship in Surgical Oncology.

Academic & Administrative Appointments:

2008-2013 Assistant Professor, Department of Surgery, McGovern Medical School at the University of Texas Health Sciences Center at Houston

2008-present Adjunct Assistant Professor, Department of Surgical Oncology, The University of Texas M.D. Anderson Cancer Center

2013-present Associate Professor, Department of Surgery, McGovern Medical School at the University of Texas Health Sciences Center at Houston

Hospital Appointments:

2008-present Memorial Hermann Texas Medical Center Hospital

2008-present Lyndon B. Johnson General Hospital, Harris Health System

2012 Associate Program Director, General Surgery Residency Program, Department of Surgery, McGovern Medical School at the University of Texas Health Sciences Center at Houston

2012-2014 Medical Informaticist- Epic OpTime, Harris Health System

2013-present American College of Surgeons Commission on Cancer, Harris Health System Cancer Liaison Physician

2014-present Medical Director Peri-Operative Informatics, Harris Health System

2016-present Ambulatory Surgery Center, Harris Health System

2016-present Memorial Hermann TMC Surgery Center

2017-present Memorial Hermann Southeast Hospital

2017-present Memorial Orthopedic and Spine Hospital

2020-present HCA Medical Center

Licensure:

Texas	License # M2208	Active
Ohio	License # 35.077572	Inactive

Certifications:

American Board of Surgery – General Surgery #062773

Epic® Physician Builder December 2015

Professional Organizations:

Local:

2015-present Houston Surgical Society

2016-2017 Houston Surgical Society, President

Regional:

1998-2005 American College of Surgeons, Ohio Chapter

2009-present American College of Surgeons, South Texas Chapter

2012-present Committee on Applicants American College of Surgeons, South Texas Chapter

2017-present Surgical Disruptive Technology Summit Planning Committee

National:

1993	University of Louisville Alumni Association
1998	University of Kentucky College of Medicine Alumni Association
1998	American College of Surgeons
1998	Alpha Omega Alpha Honor Society
2005	Society of Surgical Oncology
2006	American Society of Clinical Oncology
2006	American Association of Cancer Research
2009	American Hepato-Pancreato-Biliary Association
2010	Association for Academic Surgeons
2011-2013	Association for Academic Surgery Program Committee
2013	Society of University Surgeons
2013-2015	Association for Academic Surgery Leadership Committee

2013 Society for Surgery of the Alimentary Tract
 2013-2017 Society for Surgery of the Alimentary Tract Health Care Quality & Outcomes Committee
 2015-present American College of Surgeons, Commission on Cancer
 2016-present Gastric Cancer Site-Specific Leader COC Quality Integration Committee
 2017-present American Hepato-Pancreato-Biliary Association Committee for Surgical Innovation

Honors and Awards:

1993 Chemistry Award, University of Louisville
 1995 May Academic Scholarship, University of Kentucky
 1996 Academic Excellence Scholarship, University of Kentucky
 1997 AMA Medical Student Section Poster Contest, 2nd Place for Tobacco Prevention Program
 1997 Academic Excellence Scholarship, full tuition reimbursement
 1997 Recognized as Student Leader, University of Kentucky
 1997 Medical Student Program at the American College of Surgeons Clinical Congress
 Chicago, Illinois
 1997 Alpha Omega Alpha Honor Society, University of Kentucky
 1998 Graduate with High Distinction, University of Kentucky
 2000-2002 National Institutes of Health T-32 training grant
 2001 Winner, Ohio Chapter American College of Surgeons Committee on Trauma Clinical Abstract Essay Contest
 2001 Honorable Mention. Region V Committee on Trauma Resident Essay Contest
 2002 Carl A. Moyer Award. Oral presentation American Burn Association 34th Annual Meeting
 2007 NIH Clinical Loan Repayment Program Grant
 2012 UTHealth Department of Surgery Chief Resident's Teaching Award
 2017 1st Place Best Research Abstract, South Texas Chapter of American College of Surgeons
 2017 Dean's Teaching Excellence Award, McGovern Medical School
 2018 Dean's Teaching Excellence Award, McGovern Medical School

Editorial Positions:

Editorial Board:

2019-present Academic Editor PLOS ONE

Ad-Hoc Reviewer:

2009-present	Journal of Surgical Research
2010-present	Cancer
2011-present	Annals of Surgery
2011-present	Surgery
2012-present	Annals of Surgical Oncology
2012-present	Journal of Palliative Care & Medicine
2012-present	Breast Cancer Research and Treatment
2012-present	PLOS ONE
2013-present	Journal of Clinical Oncology
2013-present	American Journal of Transplantation
2013-present	Journal of the American College of Surgeons
2013-present	The International Journal of Medical Robotics and Computer Assisted Surgery
2014-present	BMC Cancer
2014-present	Journal of Gastrointestinal Surgery
2015-present	Hepatology
2016-present	Clinical Breast Cancer
2019-present	Cancer Biomarkers
2019-present	Journal of Comparative Effectiveness Research
2020-present	World Journal of Surgery
2020-present	Journal of Hepatocellular Carcinoma

Service on National Grant Review Panels, Study Sections, Committees:

2018	External reviewer for the Netherlands Organization for Scientific Research (NWO). Replication Studies research program. <i>Efficacy of antibiotic treatment for uncomplicated appendicitis; an Individual Patient Data Meta-Analysis.</i>
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Service on the University of Texas Health Science Center at Houston Committees:

2012-2020	Committee for the Protection of Human Subjects
2016-2019	UTHealth Data Safety Monitoring Board HSC-MS-15-100
2019-present	McGovern Medical School Admissions Committee

Service on the University of Texas McGovern Medical School Committees:

2013-2014	UTHealth Palliative Care DSRIP Implementation
2015-2016	UTHealth Interventional Radiology Division Director Search Committee

Service on McGovern Medical School, Department of Surgery Committees:

2008-2014	Education Advisory Committee
2014-2019	Clinical Competence Committee
2014-present	Program Evaluation Committee

Service on UTHealth Affiliated Hospital Committees:

2008-present	Harris Health System Cancer Committee
2010-present	Harris Health System Physician Advisory Committee
2011-present	Lyndon B. Johnson General Hospital Cancer Committee
2011-present	Texas Medical Center Liver Comprehensive Cancer Control Committee
2012-present	Lyndon B. Johnson General Hospital Peri-operative Epic Committee
2013-2014	Lyndon B. Johnson General Hospital Clinical Research Unit Steering Committee
2014-present	Lyndon B. Johnson General Hospital EMR Governance Committee
2017-present	Memorial Hermann Health System Integrated Cancer Committee
2017-present	Memorial Hermann Health System Rectal Cancer Center of Excellence Planning Committee
2018-present	Memorial Hermann TMC Cancer Center Quality Committee
2018-present	Memorial Herman Physician Network Oncology Clinical Program Committee
2019-present	Memorial Herman Physician Network Accountable Care Organization Oncology Service Line Committee

Sponsorship of Medical Students:

2010	Terrell Burris, Summer Research Program, McGovern Medical School
2011	Jason L. Bourland, Summer Research Program, McGovern Medical School
2013	Bao Nguyen, Summer Research Program, McGovern Medical School
2017	Katherine McElroy, Summer Research Program, McGovern Medical School
2018	Naveen Manisundaram, Summer Research Program, McGovern Medical School

Sponsorship of Surgical Residents:

2009	John A. Harvin MD, Department of Surgery, McGovern Medical School
2010	Eric L. Sceusi MD, Department of Surgery, McGovern Medical School
2011	Shauna M. Levy MD, Department of Surgery, McGovern Medical School
2011	Uma R. Phatak MD, Department of Surgery, McGovern Medical School
2012	Gavin N. Wagenheim MD, Department of Surgery, McGovern Medical School

2013 Peter J. Kneuert MD, Department of Surgery, McGovern Medical School
 2014 Zeinab Alawadi MD, Department of Surgery, McGovern Medical School
 2015 Kelvin Allenson MD, Department of Surgery, McGovern Medical School
 2018 Srinivasa Sanjeevi MD, Department of Surgery, McGovern Medical School

Sponsorship for Postdoctoral Fellows:

2010-2011 Eduardo Castro-Echeverry MD, Department of Surgery, McGovern Medical School

Current Teaching Responsibilities:

2018-2019 Preceptor- Doctoring 2 course, McGovern Medical School, First Year Medical Student Course

2014-2016 Preceptor- Physical Diagnosis Program, McGovern Medical School, Second Year Medical Student Course

Lecturer – Pancreas Cancer, McGovern Medical School, Third Year Medical Student Clerkship Lecture

Lecturer – Melanoma and Skin Cancer, The University of Texas Medical School at Houston, Third Year Medical Student Clerkship Lecture

Lecturer – Hepatobiliary Malignancy, Lyndon B. Johnson General Hospital, Third Year Medical Student Rotation Lecture

Lecturer – Pancreatic Cancer Surgery, McGovern Medical School Department of Internal Medicine, Division of Medical Oncology, Fellows Educational Lecture Series

Mentoring Activities:

McGovern Medical School

2015-present Oncology Student Association Faculty Sponsor

2016-present Mentor for Women in Surgery Medical Student Organization

UTHealth Department of Surgery Advisor

07/2009-06/2014 Eric Sceusi MD

07/2013-06/2016 Shauna Levy MD MS

07/2010-06/2017 Ashleigh Francis MD

07/2011-06/2018t David Roife MD

07/2012-present Kelvin Allenson MD

07/2016-present William Adams, MD

07/2018-present Srinivas Sanjeevi, MD

Current Grant Support:

2020-2021 American Society of Clinical Oncology. Cancer Interest Group. \$500. Faculty Sponsor for McGovern Medical School Oncology Student Association.

Previous Grant Support:

07/2012-06/2020 American Cancer Society Mentored Research Scholar Grant. Reducing hepatocellular carcinoma disparities. \$729,000 7/1/2012 – 6/30/2017 MRSG-12-178-01-PCSM. Principal Investigator.

04/2015-03/2020 National Institutes of Health R01 PA-11-260. A genome-wide association in hepatocellular carcinoma. \$73,540 4/10/2015 – 3/31/2020 (PI: Hassan, Co-PI: Wray)

07/2018-06/2019 American Society of Clinical Oncology. Cancer Interest Group. \$500. Faculty Sponsor for McGovern Medical School Oncology Student Association.

07/2000-06/2002 National Institutes of Health T32 Trauma Training Grant in Gastrointestinal Research. University of Cincinnati, Department of Surgery, Fellow

07/2007-03/2009 National Institutes of Health Loan Repayment Grant. University of Texas M.D. Anderson Cancer Center. Department of Cancer Biology \$75,000. Principal Investigator

02/2013-02/2014 UT Center for Healthcare Quality and Safety Grant. A pilot randomized trial of a comprehensive transitional care program for medically underserved cancer surgery patients. \$35,000. (PI: Kao, Co-PI: Wray)

2016-2017 American Society of Clinical Oncology. Cancer Interest Group. \$500. Faculty Sponsor for McGovern Medical School Oncology Student Association.

2017-2018 American Society of Clinical Oncology. Cancer Interest Group. \$500. Faculty Sponsor for McGovern Medical School Oncology Student Association.

Publications:**Abstracts (*presented):**

1. **Wray CJ***, Sun X, Gang GI and Hasselgren PO. Genomic Analysis of Glucocorticoid-Induced Muscle Cachexia. American College of Surgeons Clinical Congress. New Orleans, LA, October 8, 2001.

2. **Wray CJ***, Mayes T, Khoury J, Warden GD and Gottschlich M. Metabolism of Vitamin D in Pediatric Burn Patients. Region V Committee on Trauma Annual Meeting. Indianapolis, IN, Nov, 2001.
3. **Wray CJ***, Sun X, Gang GI and Hasselgren PO. Dantrolene downregulates the activity and gene expression of the ubiquitin-proteasome proteolytic pathway in septic skeletal muscle. Association of Academic Surgery, Milwaukee, WI, November 16, 2001.
4. **Wray CJ***, Sun X, and Hasselgren PO. The Expression and Activity of the Giant Protease Tripeptidyl-Peptidase II is Increased in Skeletal Muscle During Sepsis. Society University Surgeons Honolulu, HI, February 14, 2002.
5. **Wray CJ***, Mayes T, Khoury J, Warden GD and Gottschlich M. Metabolic Effects of Vitamin D on Serum Calcium, Magnesium and Phosphorus in Pediatric Burn Patients. American Burn Association 34th Annual Meeting. Chicago, IL, April 24, 2002.
6. **Wray CJ***, Mammen JMV, and Hasselgren PO. Upregulation of a Novel Ubiquitin Ligase in Septic Skeletal Muscle. American College of Surgeons Clinical Congress. San Francisco, CA, October 8, 2002.
7. **Wray CJ***, Lowy AM, Park S, Hanto DW, James LE, Soldano DA, Matthews JB and Ahmad SA. The Significance and Clinical Factors Associated with a Sub-centimeter Resection of Colorectal Liver Metastases. Oral Presentation. 6th World Congress of the International Hepato-Pancreato-Biliary Association. Washington, DC. June 6, 2004.
8. Ahmad SA*, Lowy AM, **Wray CJ**, D'Allesio DA, Somogyi L, Choe KA, Soldano DA, Matthews JB and Rodriguez-Rilo HL. Factors associated with insulin and narcotic independence after islet auto-transplantation patients with severe chronic pancreatitis. American College of Surgeons Clinical Congress. New Orleans, LA; October 2004.
9. **Wray CJ***, Lowy AM, Park S, Hanto DW, James LE, Soldano DA, Matthews JB and Ahmad SA. The Significance of Intra-operative Margin Re-resection of Colorectal Liver Metastases. 58th Annual Cancer Symposium, Society of Surgical Oncology. Atlanta, GA. March 4, 2005.
10. **Wray CJ***, Lowy AM, Gelrud A, Rilo H, Matthews JB, and Ahmad SA. Factors Associated with Clinical Failure Following Pancreatectomy and Autologous Islet Cell Transplantation. American Hepato-Pancreato-Biliary Association. Hollywood, FL. April 16, 2005
11. **Wray CJ***, Lowy AM, Gelrud A, Rilo H, Matthews JB, and Ahmad SA. Results Following Pancreatectomy with Autologous Islet Cell Transplantation for Small Versus Large Duct Pancreatitis: Are They Equivalent? Pancreas Club. Chicago, IL. May 15, 2005.
12. **Wray CJ***, Benjamin RS, Cormier JN, Hunt KK, Ross MI and Feig BW. Isolated Limb Perfusion for Unresectable Extremity Sarcoma. Connective Tissue Oncology Society. Venice, Italy. November 2006.

13. **Wray CJ***, Rich TA, Waguspack SA, Gagel R, Lee JE, Evans DB and Perrier ND. Failure to recognize Multiple Endocrine Neoplasia 2B: More common than we think? 60th Annual Cancer Symposium, Society of Surgical Oncology. Washington, DC. March 16, 2007.
14. **Wray CJ***, Gomez HF, Vauthey JN, Abdalla EK, Lee JE, Wang H, Evans DB and Pisters PWT. Pancreatic transection margin at the time of pancreatico-duodenectomy: clinical implications of a positive margin. 7TH Annual Meeting, American Hepato-Pancreato-Biliary Association. Las Vegas, NV. April 20, 2007.
15. **Wray CJ***, Fournier KF, Sundi D, Marquis LM and McConkey DJ. Combination Proteasome- and Histone Deacetylase (HDAC) Inhibitor Treatment of Pancreatic Cancer. American Society of Clinical Oncology GI Cancers Symposium. Orlando, FL. January 2008.
16. Fournier KF*, **Wray CJ**, Sundi D, Marquis LM and McConkey DJ. Activation of the Unfolded Protein Response After Exposure of Pancreatic Cancer Cells to BMS-354825. American Society of Clinical Oncology GI Cancers Symposium. Orlando, FL. January 2008.
17. Sundi D*, Fournier KF, **Wray CJ**, Marquis LM and McConkey DJ. Combination Treatment of Pancreatic Cancer Cells with NPI-0052 and TRAIL Activates Heterogeneous Apoptotic Responses. American Society of Clinical Oncology GI Cancers Symposium. Orlando, FL. January 2008.
18. **Wray CJ*** and McConkey DJ. Activation of the Unfolded Protein Response in Melanoma Cell Lines Exposed to Proteasome Inhibitor-induced ER Stress. 61st Annual Cancer Symposium, Society of Surgical Oncology. Chicago, IL. March 2008.
19. Harvin JA*, Van Buren G, Tsao K, Cen P, Ko TC and **Wray CJ**. Hepatocellular Carcinoma Survival in Un- and Underinsured Patients. Academic Surgical Congress. San Antonio, TX; February 2010.
20. **Wray CJ***, Harvin JA, Hahn KL, Ko TC and Kao LS. Clinical Factors Associated with Survival in Un- and Underinsured Patients with Hepatocellular Carcinoma. American Association of Cancer Research Science of Cancer Health Disparities. October 2, 2010. Miami, Florida.
21. Castro-Echeverry E*, Kao LS, Ko TC and **Wray CJ**. Breast Cancer Survival Disparities. Academic Surgical Congress. Huntington Beach CA; February 2011.
22. **Wray CJ***, Ko TC, Lasky RL and Tan FL. Secondary use of publicly available microarray data. . Academic Surgical Congress. Huntington Beach CA; February 2011.
23. Sacks BS, Levy SL*, **Wray CJ** and Ko TC. Utility of Minimally Invasive Colectomy in Medically Underserved Patients. Academic Surgical Congress. Huntington Beach CA; February 2011.
24. Alattar M*, Hahn KL and **Wray CJ**. Stage at Presentation for Medically Underserved Gastric Cancer Patients. American Society of Clinical Oncology GI Cancers Symposium. San Francisco, CA; January 2011.

25. Cen P*, Xing Y, **Wray CJ**, Fallon MB, Dougherty D, Amato RJ. Population-Based Analysis of Multimodality Treatment of Gastric Cancer. American Society of Clinical Oncology GI Cancers Symposium. San Francisco, CA; January 2011.
26. Castro-Echeverry E*, **Wray CJ**, Kao LS, Ko TC and Canfield S. Bladder Cancer Survival Disparities. Society of Urologic Oncology. Washington D.C.; November 2011.
27. **Wray CJ***, Castro-Echeverry, Kao LS and Ko TC. Impact of Treatment Differences Upon Pancreatic Cancer Survival in Medically Underserved Patients. 64th Annual Cancer Symposium, Society of Surgical Oncology. San Antonio, TX; March 2011.
28. **Wray CJ***, Robinson EK, Silberfein EJ, Castro-Echeverry, Ko TC and Kao LS. Breast Cancer Survival Disparities: Not So Black and White. 6th Annual Academic Surgical Congress. Las Vegas, NV; February 2012.
29. Wiatrek RL*, Lee W, **Wray CJ**, Singh G, Yim J. Garcia-Aguilar J, Chen SL, and Kim J. Surgical Oncology Fellowship Graduates: What are They Doing Now? 65th Annual Cancer Symposium, Society of Surgical Oncology. Orlando, FA; March 2012.
30. **Wray CJ**, Phatak UR*, Ko TC, Bynon JS and Kao LS. Factors Predictive Of Ablation, Surgical Resection Or Transplantation For Hepatocellular Carcinoma: Analysis Of The Texas Cancer Registry. 7th Annual Academic Surgical Congress. New Orleans, LA; February 2013.
31. Phatak UR*, Chan WM, Escamilla R, Lew DF, Ko TC, **Wray CJ** and Kao LS. Excess Hospital Resource Utilization and Inefficiencies In Treatment Of Calculous Biliary Disease At A Safety-Net Hospital. 7th Annual Academic Surgical Congress. New Orleans, LA; February 2013.
32. Phatak UR*, Kao LS, Ko TC and **Wray CJ**. Understanding Race-Related Colorectal Cancer Survival Disparities. 66th Annual Cancer Symposium, Society of Surgical Oncology. Washington, DC; March 2013.
33. Kneuert PJ*, Kao LS, Ko TC and **Wray CJ**. Income Inequality affects Treatment and Survival of Patients with Intrahepatic Cholangiocarcinoma - A Texas Cancer Registry Analysis. 66th Annual Cancer Symposium, Society of Surgical Oncology. Washington, DC; March 2013.
34. **Wray CJ***, Harvin JA, Phatak UR, Riall TS, Ko TC, Kao LS. Predictors of Bile Duct Injury During Laparoscopic Cholecystectomy: Experience from Two Hospital. 54th Annual Society for Surgery of the Alimentary Tract. Orlando, FL; May 2013.
35. Phatak UR*, **Wray CJ**, Ko TC and Kao LS. Nighttime is Not The Right Time for Laparoscopic Cholecystectomy. 54th Annual Society for Surgery of the Alimentary Tract. Orlando, FL; May 2013.
36. **Wray CJ**, Thomas M and Khatri P. Improving Peri-Operative Surgical Education for Cancer Patients. 2013 University of Texas System Clinical Safety & Effectiveness Conference. San Antonio, TX; September 26, 2013.

37. **Wray CJ**, Nguyen BC, Wiatrek RL, Ko TC and Kao LS. Relationship Between Socioeconomic Status, Race and Breast Cancer Clinical Stage at Presentation. 37th Annual San Antonio Breast Cancer Symposium. San Antonio, TX; December 2013.
38. Nguyen BC, Kao LS, Wiatrek RL, Ko TC and **Wray CJ**. Do income and race determine the likelihood of breast conserving surgery? 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
39. Huang MH, Alawadi Z, **Wray CJ**, Lew DF, Ko TC and Kao LS. Are emergency room visits and readmissions in medically-underserved gastrointestinal cancer surgery patients a result of poor surgical care? 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
40. Phatak UR, Green C, Kao LS, Chang GJ and **Wray CJ**. Comparison of survival models for metastatic colorectal cancer: An analysis of the Texas Cancer Registry. 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
41. Millas SG, **Wray CJ**, Alawadi Z, Ko TC and Kao LS. Treatment of colon cancer in a safety-net hospital system: Where are the delays? 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
42. Escamilla RJ, Kao LS, Wiatrek RL, Ko TC and **Wray CJ**. Correlation between quality of life measures in medically-underserved hepatocellular carcinoma patients. 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
43. Alawadi Z, Lew DF, Reddy N, Kao LS, Ko TC and **Wray CJ**. Quality of time-to-event reporting in oncology literature. Academic Surgical Congress. San Diego, CA; February 2014.
44. Hollinger LE, Lally PA, Tsao K, **Wray CJ** and Lally KP. A risk-stratified analysis of delayed intrathoracic diaphragmatic hernia repair; Does timing of operation matter? 8th Annual Academic Surgical Congress. San Diego, CA; February 2014.
45. **Wray CJ**, Ko TC and Kao LS. Fibrosis, Cirrhosis and Mortality Following Hepatic Resection for Hepatocellular Carcinoma: Analysis of the National Cancer Data Base. 55th Annual Meeting Society for Surgery of the Alimentary Tract. Chicago, IL; May 2014.
46. Bondre IL, Holihan JL, Askenasy EP, Greenberg JA, Keith J, Martindale RG, Roth JS, **Wray CJ**, Kao LS and Liang MK. Suture, Synthetic or Biologic Mesh? A Multi-center Comparison of Contaminated Ventral Hernia Repair. 9th Annual Academic Surgical Congress. Las Vegas, NV; February 2015.
47. Holihan J, Bondre IL, Askenasy EP, Greenberg JA, Keith J, Martindale RG, Roth JS, **Wray CJ**, Kao LS and Liang MK. Sublay Versus Underlay in Open Ventral Hernia Repair: A Multi-Institutional Risk-Adjusted Comparison. 9th Annual Academic Surgical Congress. Las Vegas, NV; February 2015.

48. Goodenough CJ, Nguyen MT, Nguyen DH, Roth JS, **Wray CJ**, Kao LS and Liang MK. Preoperative HbA1C is a Better Predictor than Postoperative Glucose of Major Complications. 9th Annual Academic Surgical Congress. Las Vegas, NV; February 2015.
49. Allenson KC, Kao LS, Ko TC and **Wray CJ**. Short- and Long-term Mortality Comparison Using Local Ablation or Hepatic Resection for Hepatocellular Carcinoma: A Propensity Score Adjusted Analysis of the Nation Cancer Data Base. South Texas Chapter of the American College of Surgeons. Houston, TX; February 28, 2015.
50. Allenson KC, Kao LS, Bhadkamkar NA, Ko TC and **Wray CJ**. AST to Platelet Ratio Index Improves Prediction of Hepatocellular Carcinoma Mortality. 68th Annual Cancer Symposium, Society of Surgical Oncology. Washington, DC; March 2015.
51. Phatak UR, Green C, Chang GJ, Ko TC, Kao LS and **Wray CJ**. Quantifying the Contribution of Stage to Race-related Colorectal Cancer Survival Disparity: A Texas Cancer Registry Analysis. 68th Annual Cancer Symposium, Society of Surgical Oncology. Washington, DC; March 2015.
52. Harvin JA, Wray CJ, Steward J, Lawless RA, McNutt MK, Love JD, Moore LJ, Wade CE, Cotton BA and Holcomb JB. Control the Damage: Morbidity and Mortality After Emergent Laparotomy for Trauma. 67th Annual Meeting, Southwestern Surgical Congress. Monterey, CA; April 2015.
53. Alawadi Z, Allenson KC, Kao LS, Ko TC and **Wray CJ**. Surgical Resection Compared to Ablation Improved Survival for Small Hepatocellular Carcinoma. Poster Presentation Scientific Forum American College of Surgeons Clinical Congress, October 2015.
54. Allenson KC, Kao LS, Bhadkamkar NA, Ko TC and **Wray CJ**. Noninvasive Measures of Cirrhosis Improve Prediction of Hepatocellular Carcinoma Mortality. South Texas Chapter of the American College of Surgeons. San Antonio, TX; February 27, 2016.
55. Roife D, Santamaria JA, Kao LS, Ko TC and **Wray CJ**. Surrogate Indicators of Surgical Quality are Associated with Survival Following Treatment for Hepatocellular Carcinoma. Poster Presentation 69th Annual Cancer Symposium, Society of Surgical Oncology. Chicago, IL; March 2016.
56. Santamaria JA, Roife, Kao LS, Ko TC and **Wray CJ**. Adjuvant Chemotherapy for Intrahepatic Cholangiocarcinoma Does Not Improve Survival; Analysis of the National Cancer Data Base. Poster Presentation 69th Annual Cancer Symposium, Society of Surgical Oncology. Chicago, IL; March 2016.
57. Allenson, KC, Kao LS, Ko TC and **Wray CJ**. Transarterial Chemoembolization of Unresectable Hepatocellular Carcinoma: Influence of MELD Score on Survival. Texas Chapter of the American College of Surgeons. Austin, TX; February 24, 2017.
58. Allenson, KC, Kao LS, Ko TC and **Wray CJ**. Survival Benefit of Transarterial Chemoembolization of Unresectable Hepatocellular Carcinoma: Influence of MELD Score. Americas Hepato-Pancreato-Biliary Association. Miami, FL; March 31, 2017.

59. **Wray CJ**, Hobeika MJ, Ko TC and Kao LS. Comparative Effectiveness of Surgical Resection Versus Liver Transplantation for Hepatocellular Carcinoma: Factoring in the Wait-list Dropout Rate. 58th Annual Meeting Society for Surgery of the Alimentary Tract. Chicago, IL; May 9, 2017.
60. Manisundaram N, Duncan CB and **Wray CJ**. Quality of Life, Symptom Burden, and Resource Utilization for Hepatocellular Carcinoma Patients. 14th Annual Academic Surgical Congress. Houston, TX; February 5, 2019.
61. McElroy KE, Duncan CB and **Wray CJ**. The Impact of Cirrhosis and Race upon Stage at Diagnosis for Hepatocellular Carcinoma. ACS Quality and Safety Conference. Washington, DC. July 21, 2019.
62. Sanjeevi, S, McElroy KE, Duncan CB and **Wray CJ**. Factors Associated with Hospital Treatment for Hepatocellular Carcinoma. 15th Annual Academic Surgical Congress. Orlando, FL; February 5, 2020.
63. McElroy KE, Duncan CB and **Wray CJ**. Association of Treatment Value and Patient-Specific Outcomes for Hepatocellular Carcinoma. 15th Annual Academic Surgical Congress. Orlando, FL; February 6, 2020.
64. McElroy KE, Duncan CB and **Wray CJ**. The Interplay of Cirrhosis and Race upon Stage at Diagnosis for Hepatocellular Carcinoma. South Texas Chapter of the American College of Surgeons. Houston, TX; March 7, 2020.
65. McElroy KE, Duncan CB and **Wray CJ**. The Prognostic Value of Albumin in the Treatment of Unresectable Hepatocellular Carcinoma. South Texas Chapter of the American College of Surgeons. Houston, TX; March 7, 2020.
66. Sanjeevi, S, Duncan CB and **Wray CJ**. Comparative Effectiveness of Radiodembolization Versus Chemotherapy for Unresectable Hepatocellular Carcinoma. Americas Hepato-Pancreato-Biliary Association. Miami, FL; March 7, 2020.

Refereed Original Articles in Journals:

1. Figert PL, **Wray CJ**, Malley ME, Gellin GL, Kearney PA and Ochoa JB. Induced nitric oxide synthesis is modulated by increased arginase activity after trauma. *Owen H. Wangensteen Surgical Forum*. 1997 Vol. LXIX:58-59.
2. Penner CG, Gang G, **Wray C**, Fischer JE and Hasselgren PO. The transcription factors NF- κ B and AP-1 are differentially regulated in skeletal muscle during sepsis. *Biochem Biophys Res Comm*. 2001. 281(5):1331-36.
3. **Wray CJ**, Luo G, Hungness ES, and Hasselgren PO. Genomic analysis of glucocorticoid-induced muscle cachexia. *Owen H. Wangensteen Surgical Forum*. 2001. Vol. LII:142-44.
4. Hasselgren PO, **Wray C**, and Mammen J. Molecular regulation of muscle cachexia – It may be more than the proteasome. *Biochem Biophys Res Comm*. 2002. 290(1):1-10.

5. Sun X, Fischer DR, Pritts TA, **Wray CJ** and Hasselgren PO. Expression and binding activity of the glucocorticoid receptor are upregulated in septic muscle. *Am J Physiol Regulatory, Integrative and Comparative Physiol.* 2002. 282(2):509-18.
6. Penner CG, Gang GI, Sun X, **Wray C**, and Hasselgren PO. C/EBP DNA-binding activity is upregulated by a glucocorticoid-dependent mechanism in septic muscle. *Am J Physiol Regulatory, Integrative and Comparative Physiol.* 2002. 282(2):439-44.
7. Fang CH, Li BG, **Wray CJ**, and Hasselgren PO. Insulin-like growth factor-1 inhibits lysosomal and proteasome-dependent proteolysis in skeletal muscle after burn injury. *J Burn Care Rehabil.* 2002. 23(5):318-25.
8. **Wray CJ**, Tomkinson B, Robb BW and Hasselgren PO. Tripeptidyl-Peptidase II expression and activity are increased in skeletal muscle during sepsis. *Biochem Biophys Res Comm.* 2002. 296(1):41-47.
9. **Wray CJ**, Mayes T, Khoury J, Warden GD and Gottschlich M. Metabolic effects of vitamin D on serum calcium, magnesium and phosphorus in pediatric burn patients. *J Burn Care Rehabil.* 2002. 23(6):416-23.
10. Hershko DD, Bishara B, Paxton JH, Robb BW, **Wray CJ** and Eitan A. Interposition of a jejunal segment as an alternative one stage operation for acute left colon obstruction. *Surgery Today.* 2002. 32(9):804-808.
11. **Wray CJ**, Sun X, Gang GI and Hasselgren PO. Dantrolene downregulates the activity and gene expression of the ubiquitin-proteasome proteolytic pathway in septic skeletal muscle. *J Surg Res.* 2002. 104:82-87.
12. **Wray CJ**, Mammen JM, Hershko DD and Hasselgren PO. Sepsis upregulates the gene expression of multiple ubiquitin ligases in skeletal muscle. *Int J Biochem Cell Biol.* 2003. 35(5):698-705.
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3. GIST: How Did We Get Here? University of Texas M.D. Anderson Cancer Center Department of Surgical Oncology Grand Rounds. August 15, 2007.
4. Management of Early Stage Cutaneous Melanoma. University of Texas Medical School at Houston Department of Surgery Grand Rounds. July 31, 2008.
5. Pancreas Cancer: Have We Gotten Anywhere? University of Texas Medical School at Houston Department of Family & Community Medicine Grand Rounds. June 17, 2009.
6. Challenges and outcomes of elderly cancer patients who undergo surgical interventions. Second Annual Harris County Hospital District Symposium on Geriatric and Palliative Medicine. Houston, Texas, September 27, 2010

7. Hepatocellular Carcinoma in Texas: 2011 Update. South Texas Chapter of the American College of Surgeons. February 25, 2011.
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9. Pancreatic Cancer in Harris County. Memorial Hermann Health System Network Cancer Committee May 29, 2012.
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11. Hepatocellular Carcinoma: Transplantation, Resection, Ablation, or ... University of Texas Medical School at Houston Department of Surgery Grand Rounds. July 28, 2016
12. Surgical Treatment of Hepatocellular Carcinoma. University of Texas Medical School at Houston Department of Family & Community Medicine Grand Rounds. February 15, 2017.
13. Surgical Perspective in the Management of Pancreatic Cancer. Frontiers in Gastrointestinal and Liver Disease. Memorial Hermann Gastroenterology and Hepatology Symposium. February 10, 2018. Houston, TX.
14. Surgical Treatment of Pancreas Cancer. American Society of Cebu Institute of Medicine Alumni, Inc. Annual Medical Education Conference. July 12, 2018. Las Vegas, NV.
15. Current Status of Robotic Liver Surgery. Surgical Disruptive Technology Summit. March 3, 2019. Houston, Texas.
16. Surgical Oncology as a Career. UTHealth Oncology Student Association. August 19, 2019.
17. Pancreatic Cancer. City Government Missouri City, Texas "Lunch and Learn." October 14, 2019.
18. Surgery for Pancreatic Cancer. Memorial Hermann Gastroenterology and Hepatology Symposium. February 7, 2020. Houston, TX.

Refereed Original Articles in MultiMedia:

1. **Winslow ER and Wray CJ.** "Cystic Neoplasms of the Pancreas." The Society for Surgery of the Alimentary Tract Patient Care Guidelines. <http://ssat.com/guidelines/> (in press)

Non-printed Materials:

Wray CJ. Live discussion with (Anchor/Reporter KTRK/ABC 13) and Dr. Curtis Wray of "Silent Killer Pancreas Cancer." ABC 13 News; aired Sunday, November 8, 2020, KTRK ABC13, 3310 Bissonnet Street, Houston, TX 77005.

Wray CJ. Live discussion with (Anchor/Reporter KRIV-TV / Fox 26) and Dr. Curtis Wray of "Colon Cancer Screening at Age 45 for Average Risk Patients." Fox 26 News; aired Wednesday, May 31, 2018 8:35am on Channel 9 & 309 (HD), KRIV FOX 26, 4261 Southwest Freeway, Houston, TX 77027. Available at

<https://www.iqmediacorp.com/ClipPlayer?ClipID=8d9fcda8-ab26-4fb3-ba9b-8ee16d9f0538&TE=%7B0%7D> Accessed June 4, 2018.

Pike D. Breast cancer update with Dr. Wray. Live radio discussion on KPRC channel to discuss the recent developments in the screening and diagnosis of breast cancer. October 12, 2017.

Pike D. Technology advancement for gastric cancer surgery with Dr. Wray. Live radio discussion on KPRC channel to discuss the recent developments in the minimally invasive surgical treatment of Gastric Cancer. November 3, 2016.

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FOXNEWS Radio Tour. Live on air discussion of research findings of decreased risk of cancer with aspirin use as reported by Cao T et al. Population-wide Impact of Long Term Use of Aspirin and the Risk for Cancer. *JAMA Oncol*. Published online March 03, 2016. doi:10.1001/jamaoncol.2015.6396 Radio stations included WDRC Hartford, CT., KURV McAllen, TX., KOGO San Diego, CA. March 14, 2016.

Wilson M, Wray CJ. Live discussion with Melissa Wilson (Anchor/Reporter KRIV-TV / Fox 26) and Dr. Curtis Wray of "Breast Cancer Screening for Women at Average Risk." <http://jama.jamanetwork.com/article.aspx?articleid=2463262> Fox 26 News; aired Wednesday, October 21, 2015 7:15am on Channel 9 & 309 (HD), KRIV FOX 26, 4261 Southwest Freeway, Houston, TX 77027. Available at <http://www.myfoxboston.com/> Accessed October 22, 2015.

FOXNEWS Radio Tour. Live on air discussion of American Cancer Society report about the increased incidence of secondary cancers among patients who have survived an initial cancer. Radio stations included KOGO San Diego, CA., WSJK Champagne, IL., WTKS Savannah, GA., WGY Albany, NY., and WILS Lansing, MI. September 3, 2015.

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Printed materials:

Quoted in MedPage Today "Laparoscopic Surgery is Safe in Early Stage Gastric Cancer" Diana Swift author. August 24, 2020 <https://www.medpagetoday.com/hematologyoncology/othercancers/88239>

Quotes in CNN.com "Surgery-Free Option Could Become the Norm for Appendicitis" Carina Storrs author. June 16, 2015. <https://www.cnn.com/2015/06/16/health/no-surgery-appendicitis/index.html>

Quoted in Houstonchronicle.com “Jeopardy! Host Alex Trebek’s Successful Chemotherapy Treatment for Pancreatic Cancer Encouraging says Houston Oncologist” Julie Garcia author.