

**UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE
CURRICULUM VITAE**

BIOGRAPHICAL INFORMATION

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EDUCATION AND TRAINING

UNDERGRADUATE

1985 to 1990	University of Washington Seattle, WA	B.S. 1990	Psychology
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GRADUATE

1991 to 1993	Washington State University Pullman, WA	M.S. 1993	Clinical Psychology
1993 to 1996	Washington State University Pullman, WA	Ph.D. 1996	Clinical Psychology
1995 to 1996	Rush-Presbyterian-St. Luke's Chicago, IL	1996	Residency

POST GRADUATE

1996 to 1998	Columbia University Department of Psychiatry; HIV Center New York, New York Director: Anka Ehrhardt	NIH Fellowship
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1998 to 1999	Uppsala University Department of Oncology and Immunology Uppsala, Sweden Director: Bengt Glimelius	Fellowship Quality of Life and Oncology
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APPOINTMENTS and POSITIONS

1998-2006	Karolinska Institute National Institute for Psychosocial Factors and Health Stockholm, Sweden	Visiting Scholar
1999-2000	Department of Medicine University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Visiting Assistant Professor
2000-2002	Department of Medicine University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Assistant Professor
2002-2008	Department of Surgery University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Assistant Professor
1999-present	University of Pittsburgh Cancer Institute Pittsburgh, Pennsylvania	Member
2000-2002	Behavioral Medicine and Oncology University of Pittsburgh Cancer Institute Pittsburgh, Pennsylvania	Co-Director of Clinical Services
2002-2008	Department of Psychiatry University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Assistant Professor Secondary Appointment
2008-present	Department of Surgery University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Associate Professor (tenured 5/1/2016)

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2008-present	Center for Excellence in Behavioral Medicine University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Director
2008-present	Department of Psychiatry University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Associate Professor Secondary Appointment
2012-present	Department of Psychology University of Pittsburgh Pittsburgh, Pennsylvania	Associate Professor Secondary Appointment
2018-present	Department of Surgery University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania	Director, Quality of Life Program for the UPMC Liver Cancer Center

CERTIFICATION and LICENSURE

SPECIALITY CERTIFICATION

Psychosocial Intervention Fidelity (certificate from APOS)	2008
Scientific Leadership and Management (certificate from UPSOM)	2008
Development of a Psychology Oncology Center (certificate from APOS)	2008
E-Counseling for Cancer Course	2015

PROFESSIONAL LICENSURE

New York State Licensure to Practice Psychology	1997
Swedish National Licensure to Practice Psychology	1999
Pennsylvania State Licensure to Practice Psychology	2000

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MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

Sigma Xi Research Society	1994-1996
Society for Behavioral Medicine	2001-present
Chair of Special Interest Group Council (Board Member)	2002-2008
Membership and Program Committee Liaison	2002-2008
Ad Hoc Governance Committee	2007-2009
Practice Journal Working Group	2008-2009
Nominations Committee	2008-2009
Alliance for Quality Psychosocial Cancer Care	2008-2016
Research and Standard of Care Committees	
American Society for Clinical Oncology	2008-present
International Society for Psycho-Oncology	2010-present
National Kidney Foundation	2010-present
Executive Council of Professional Living Donor Advocates	
United Network of Organ Sharing	2014-2017
Ethics Committee	
Region 2 Representative	
Palliative Care Research Cooperative	2015-present
American Transplant Society	2016-2017
Education and Clinical Tools for ILDA webinar series	
National Living Donor Assistance Center Advisory Board	2017-present

HONORS

Award/Recognition	Year
Psi Chi Honor Society	1990
Departmental Distinction in Psychology at the University of Washington	1990
Graduated Cum Laude from the University of Washington	1990
Commendations for Doctoral Candidacy from Washington State University	1993
Best Graduate Research in Sexual Victimology from the ATSA	1993
Master's Research Award and Invited Membership from Sigma Xi	1994
Outstanding Women in Graduate Studies (Nom) Washington State University	1994
Outstanding Graduate Student Achievement Award Washington State University	1994
Graduate and Professional Student Research Award Washington State University	1994
Research Poster Honorable Mention from Sigma Xi	1996
National Institute of Mental Health Fellow at Columbia University	1996-1998
Swedish Institute Scholarship	1999
Society for Behavioral Medicine Citation Award for Paper Presentation	2005

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Chancellor's Public Service Award (Nominated) at the University of Pittsburgh	2005
Society for Behavioral Medicine Early Career Investigator Award (Nominated)	2005
National Cancer Institute Mentored Career Development Award	2006
Society for Behavioral Medicine Citation Award for Paper Presentation	2006
Society for Behavioral Medicine Citation Award for Paper Presentation	2007
Society for Behavioral Medicine Distinguished Service Award	2009
University of Pittsburgh Medical Center Above and Beyond	2013
Society for Behavioral Medicine Fellow	2014
University of Pittsburgh Faculty Honors Convocation	2015
American Psychosocial Oncology Society Best of the Best Oral Presentations	2018
American Psychosocial Oncology Society Best of the Best Oral Presentations	2018
R25 American Psychosocial Oncology Society Distress Screening Training	2018
National Cancer Institute K07 Application used for Professional Development	2018
Diversity Training Branch Center to Reduce Cancer Health Disparities	
American Transplant Congress Poster Distinction	2018
American Transplant Congress Poster Distinction	2018

PUBLICATIONS

PEERED REVIEWED REFERRED PAPERS:

1. **Steel JL.** Interpersonal correlates of trust and self-disclosure. *Psychological Reports*, 1990; 68: 1319-1320.
2. **Steel JL**, Wilson G, Cross H, & Palmer, B. Mediating factors in the development of psychopathology in victims of childhood sexual abuse. *Sexual Abuse: Journal of Sex Research and Treatment*, 1997; 8(4): 291-316.
3. Herlitz C & **Steel JL.** A decade of HIV prevention in Sweden: Changes in attitudes associated with HIV and sexual risk behavior from 1987-1997. *AIDS*. 2000 May;14: 1-10. PubMed PMID: 10839597
4. Nordin K, **Steel JL**, Hoffman K, & Glimelius B. Alternative methods of interpreting quality of life data in advanced gastrointestinal cancer patients. *British Journal of Cancer*. 2001 Nov; 85(9): 1265-1272. PubMed PMID:11720459

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5. Herlitz C & **Steel JL**. Highly active antiretroviral therapy (HAART): Awareness and beliefs about infectivity and the influence on sexual behavior in the general population of Sweden. *European Journal of Public Health*. 2001 Sept; 11(3): 251-256. PubMed PMID: 11582601
6. **Steel JL**, Herlitz C, Matthews J, Snyder W, Mazzaferro K, Baum A, & Theorell, T. Pre-emigration trauma and HIV risk behavior. *Transcultural Psychiatry*. 2003 Mar; 40: 91-108. PubMed PMID: 12769513
7. **Steel JL**, Carney M, Carr BI, & Baum A. The role of psychosocial factors in the progression of hepatocellular carcinoma. *Medical Hypotheses*, 2004; 62: 86-94 PubMed PMID: 14729010
8. **Steel JL**, Carr BI, & Baum A. Quality of life in patients diagnosed with primary hepatocellular carcinoma: Hepatic arterial infusion of Cisplatin versus 90-Yttrium microspheres (Therasphere®). *Psycho-Oncology*, 2004 Feb; 13(2): 73-79. PubMed PMID: 14872525
9. **Steel JL**, Cross H, Sanna L, Hammond B, Whipple J, & Williams W. Psychological sequelae of childhood sexual abuse: Abuse-related characteristics, coping strategies, and attributional style. *Child Abuse & Neglect*, 2004 Jul; 28(7): 785-801. PubMed PMID: 15261472
10. **Steel JL**, Herlitz C, Snyder W, Mazzaferro K, & Theorell T. Are we assessing HIV/AIDS-related knowledge? Competing beliefs that may put a knowledge person at risk for HIV. *International Journal of STDs and AIDS*, 2004 Sep; 15(9): 637-638. PubMed PMID: 15339380
11. **Steel JL**, Geller DA, & Carr BI. Proxy ratings of health-related quality of life in patients with hepatocellular carcinoma. *Quality of Life Research*, 2005 May; 14(4):1025-1033. PubMed PMID: 16041898
12. **Steel JL** & Herlitz C. The association between childhood and adolescent sexual abuse and sexual risk behavior: A random sample of the general population of Sweden. *Child Abuse and Neglect*, 2005 Oct; 29(10): 1141-1153. PubMed PMID: 16243097

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13. **Steel JL**, Hess S, Tunke L, Olek M, & Carr, B. Sexual functioning in patients with hepatocellular carcinoma. *Cancer*, 2005 Nov 15; 104(10): 234-243. PubMed PMID: 16220558
14. **Steel JL**, Eton D, Cella D, Olek M, & Carr BI. Clinically meaningful changes in health related quality of life in patients with hepatobiliary carcinoma. *Annals of Oncology*, 2006 Feb; 17: 304-312. PubMed PMID: 16357021
15. **Steel JL**, Landsittel D., Calhoun B. Wieand S, & Kingsley L. Effects of lipodystrophy on quality of life and depression in HIV-infected men on HAART. *AIDS Patient Care and STDs*, 2006 Aug 20; 8: 565-575. PubMed PMID: 16893326
16. Dew MA, DiMartini AF, Dabbs A, Myaskovsky L, **Steel JL**, Unruh M, Switzer GE, Zomak R. & Kormos RL, Greenhouse JB. Rates and risk factors for nonadherence to the medical regimen after adult solid organ transplantation. *Transplantation*, 2007 Apr 15; 83(7): 858-873. PubMed PMID: 17460556
17. Dunigan JA, Carr BI, & **Steel JL**. Posttraumatic growth, immunity and survival in patients with hepatoma. *Digestive Disease and Sciences*, 2007 Sep; 16(2): 203-215. PubMed PMID: 17417728
18. **Steel JL**, Chopra K, & Carr BI. Health related quality of life in patients with chronic liver disease, hepatocellular carcinoma, and the general population. *Quality of Life Research*, 2007; 16(2): 203-215. PubMed PMID: **17119847**
19. **Steel JL**, Geller DA, Gamblin TC, Olek M, & Carr BI. Depression, immunity, and survival in patients with hepatobiliary carcinoma. *Journal of Clinical Oncology*, 2007 Jun 10; 25(17): 2397-2405. PubMed PMID: 17557953
20. **Steel JL**, Geller DA, Gamblin TC, Olek M, & Carr BI. Depression, immunity, and survival in patients with hepatobiliary carcinoma. Response to: More claims about depression, immune function, and survival that exceed the evidence. *Journal of Clinical Oncology*, 2007 Nov; 25(33): 5328-5329. PubMed PMID: 18024882
21. **Steel JL** & Herlitz C. Risk of sexual dysfunction in a randomly selected nonclinical sample of the Swedish population. *Obstetrics & Gynecology*, 2007 Mar; 109(3): 663-668. PubMed PMID: 17329518

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22. **Steel JL**, Nadeau K, Olek M, & Carr BI. Preliminary results of an individually tailored Psychosocial intervention for patients with advanced hepatobiliary carcinoma. *Journal of Psychosocial Oncology*, 2007; 25(3): 19-42. PubMed PMID: 19341012
23. Cho SW, Marsh JW, **Steel J**, Holloway SE, Heckman JT, Ochoa ER, Geller D.A. & Gamblin TC. Surgical management of hepatocellular adenoma: Take it or leave it? *Annals of Surgical Oncology*, 2008; 15(10): 2795-2803. PubMed PMID: 18696154. Statistician
24. Cole B, Hopkins C, Tisak J, **Steel JL**, & Carr BI. Assessing spiritual growth and spiritual decline following a diagnosis of cancer: Reliability and validity of the Spiritual Transformation Scale. *Psycho-Oncology*, 2008; 17(1): 112-121. PubMed PMID: 17458862
25. Dew MA, DiMartini AF, Dabbs A, Myaskovsky L, **Steel JL**, Unruh M & Greenhouse JB. Meta-analysis of risk for return to substance use after transplantation of the liver or other solid organs. *Liver Transplantation*, 2008 Feb; 14(2): 159-172. PubMed PMID: 18236389
26. Dew MA, DiMartini AF, De Vito Dabbs A, Zomak RN, De Geest SC, Dobbels FN, Myaskovsky LD, Switzer GE, Unruh M, **Steel JL**, Kormos RL & McCurry KR. Adherence to the medical regimen during the first two years after lung transplantation. *Transplantation*, 2008 Jan 27; 85(2): 193-202. PubMed PMID: 18212623
27. Gusani NJ, Balaa FK, **Steel J**, Geller DA, Marsh JW & Gamblin TC. Treatment of unresectable cholangiocarcinoma with Gemcitabine-based Transcatheter Arterial Chemoembolization (TACE): Single institution experience. *Journal of Gastrointestinal Surgery*, 2008 Jan; 12(1): 129-137. PubMed PMID: 17851723. Statistician
28. Heckman JT, Devera MB, Marsh JW, Fontes P, Amesur NB, Holloway SE, Nalesnik M, Geller DA, **Steel JL** & Gamblin TC. Bridging locoregional therapy for hepatocellular carcinoma prior to liver transplantation. *Annals of Surgical Oncology*, 2008 Nov; 15(11): 3169-77. PubMed PMID: 18696158. Statistician

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29. **Steel JL**, Carr BI & Gamblin TC. Measuring post-traumatic growth in people diagnosed with hepatobiliary cancer: Directions for future research. *Oncology Nursing Forum*, 2008 July; 35(4): 643-650. PubMed PMID: 18591168
30. Jhamb M, Weisbord SD, **Steel JL** & Unruh M. Fatigue in patients receiving maintenance dialysis: a review of definitions, measures, and contributing factors. *American Journal of Kidney Disease*, 2008 Aug; 52(2): 353-365. PubMed PMID: 18572290
31. Dew MA, De Vito Dabbs A, Myaskovsky LD, Shelmer D, Dimartini A, **Steel JL**, Unruh Shapiro R & Greenhouse JB. Meta-analysis of medical regimen adherence outcomes in pediatric solid organ transplantation. *Transplantation*, 2009 Sep 15; 88(5): 736-746. PubMed PMID: 19741474
32. Cardinal JS, deVera ME, Marsh, JW, **Steel JL**, Geller DA, Fontes P, Nalesnik M & Gamblin TC. Treatment of Hepatic Epithelialoid Hemangioendothelioma (EHE): A single institution experience with 25 cases. *Archives of Surgery*, 2009 Nov; 144(11): 1035-1039. PubMed PMID: 19917940. Statistician
33. Dhupar R, de Vera ME, Marsh JW, Fontes PA, **Steel JL**, Zeh HJ & Gamblin, TC. Simultaneous pancreatectomy and liver transplantation: a single institution experience. *HPB*, 2009 May; 11(3): 242-246. PubMed PMID: 19590654. Statistician
34. Jhamb M, Argyropoulos C, **Steel JL**, Plantinga L, Wu AW, Fink NE, Power NR, Meyer KB & Unruh ML, Choices for Health Outcomes in Caring for End-Stage Renal Disease (CHOICE). Correlates and outcomes of fatigue among incident dialysis patients. *Clinical Journal of the American Society of Nephrology*, 2009 Nov; 4(11): 1779-1786. PubMed PMID: 19808226
35. Nace G, **Steel JL**, Gamblin TC. Yttrium-90 (Y-90) radioembolization for colorectal cancer (CRC) liver metastases: A single institution experience. *Annals of Surgical Oncology*, 2009 Dec; 16(1): 89-90. PubMed PMID: 22312513. Statistician
36. Nguyen KT, **Steel JL**, Marsh JW, Geller DA & Gamblin TC. Initial presentation and management of hilar and peripheral cholangiocarcinoma: Is a node-positive status or potential margin-positive result a contraindication to resection? *Annals of Surgical Oncology*, 2009; 16(12): 3308-3315. PubMed PMID: 19774418. Statistician

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37. Nguyen KT, Laurent A, Dagher I, Geller DA, **Steel JL**, Thomas MT, Marvin M, Ravindra KV, Mejia A, Cherqui D, Buell JF & Gamblin TC. Minimally invasive liver resection for metastatic colorectal cancer: A multi-institutional, international report of safety, feasibility and early outcomes. *Annals of Surgery*, 2009 Nov; 250(5): 842-848. PubMed PMID: 19806058. Statistician
38. Vanounou T, **Steel JL**, Nguyen KT, Tsung A, Geller DA & Gamblin TC. Overall survival and health-related quality of life in unresectable hepatocellular carcinoma (HCC) treated with transarterial chemoembolization (TACE) vs. selective internal radiation therapy (SIRT) with Yttrium-90 microspheres. *HBP*, 2010 Apr; 16(1): 31-123. PubMed PMID: 20033324. Statistician
39. **Steel JL**, Youssef M, Pfeifer R, Ramirez JM, Probst C, Sellei R, Zelle BA, Sittaro NA, Khalifa F & Pape HC. Health-related quality of life in patients with multiple injuries and traumatic brain injury 10+ years post-injury. *Journal of Traumatic Injury, Infection, and Critical Care*, 2010 Sep; 69(3): 523-530. PubMed PMID: 20838121
40. Pape HCP, Probst C, Lohse, R, **Steel JL**, Zelle B, Panzica M, Duhme M, Pfeifer, Krettek C & Sittaro NA. Predictors of late clinical outcome following orthopedic injuries after multiple trauma. *Journal of Trauma*, 2010 Nov; 69(5): 1243-51. PubMed PMID: 20489671. Statistician
41. Vanounou T, **Steel, JL**, Nguyen T, Marsh W, Geller DA, Gamblin, TC. Comparing the clinical and economic impact of laparoscopic versus open liver resection. *Annals of Surgical Oncology*, 2010 Apr; 17(4): 998-1009. PubMed PMID: 20033324
42. **Steel JL**, Kim KH, Dew MA, Unruh ML, Antoni MH, Olek MC, Geller DA, Carr BI, Butterfield LH, Gamblin TC. Cancer-related symptom clusters, eosinophils, and survival in hepatobiliary cancer: An exploratory study. *Journal of Pain and Symptom Management*, 2010 May; 39(5): 859-871. PubMed PMID: 20471546
43. Mehra R, Nguyen KT, **Steel J**, Amesur N, Raizman R, Celinski S, Tsung A, Gamblin T. Is Patient Age Associated with Improved Survival after Transarterial Chemoembolization (TACE) for unresectable Neuroendocrine Tumor (NET) Metastases. *Pancreas*, 2010 Sep; 39(2): 275-6. PubMed PMID: 15361558. Statistician

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44. Cho SW, Krit K, Buck D, **Steel JL**, Brufsky AM, Gillsepie G, Tsung A, Marsh JW, Geller DA, Gamblin TC. Transcatheter Arterial Chemoembolization (TACE) is a Feasible palliative locoregional therapy for breast cancer liver metastases. International Journal of Surgical Oncology, 2010: 1-8. PubMed PMID: 22312487. Statistician
45. Nguyen K, **Steel JL**, Gamblin TC, Tsung A, Marsh W. Comparative benefits of laparoscopic versus open hepatic resection. A critical appraisal. Archives of Surgery, 2010 Mar; 146(3): 348-356. PubMed PMID: 21079109. Statistician
46. Moore AM, Gamblin TC, Geller DA, Youssef MN, Hoffman KE, Gemmell L, Likumahuwa SM, Bovbjerg DH, Marsland A, **Steel JL**. A prospective study of posttraumatic growth as assessed by self-report and family caregiver in the context of advanced cancer. Psycho- oncology, 2010 May; 20(5): 479-487. PubMed PMID: 20878841
47. Cho SW, **Steel JL**, Tsung A, Marsh JW, Geller DA, Gamblin TC. Safety of liver resection in the elderly: How important is age. Annals of Surgical Oncology, 2010 April; 18(4): 1088-1095. PubMed PMID: 21046265. Statistician
48. Zureikat AH, Breaux JA, **Steel JL**, Hughes SJ. Can Laparoscopic pancreaticoduodenectomy Be Safely Implemented? Journal of Gastrointestinal Surgery, 2011; 15(7): 1151-1157. PubMed PMID: 21538192. Statistician.
49. Nguyen KT, Kitisin K, **Steel JL**, Jeyabalan G, Aggarwal S, Geller DA, Gamblin TC. Cirrhosis is not a contraindication to laparoscopic cholecystectomy: Results and practical recommendations. HPB, 2011 Mar; 13(3): 192-197. PubMed PMID: 21309937. Statistician
50. **Steel JL**, Geller DA, Tsung A, Marsh JW, Dew MA, Spring M, Grady J, Likumahuwa S, Dunlavy A, Youssef M, Antoni M, Butterfield LH, Schulz R, Day R, Helgeson V, Kim KH, Gamblin TC. Randomized controlled trial of a collaborative care intervention to manage cancer-related symptoms: Lessons learned. Clinical Trials, 2011 Jun; 8: 298-310. PubMed PMID: 11730078
51. Jhamb M, Weisbord S, Ramer S, Weissfeld L, Dew MA, **Steel JL**, & Unruh ML. Impact of Fatigue on Outcomes in the Hemodialysis (HEMO) Study. American Journal of Nephrology, 2011 May; 33(6): 515-523. PubMed PMID: 21555875

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52. Reddy SK, Turley RS, Barbas AS **Steel JL**, Tsung A, Marsh W, Clary BM, Geller DA. Post-Operative pharmacologic thromboprophylaxis after major hepatectomy: Does peripheral venous thromboembolism prevention outweigh bleeding risks? *Journal of Gastrointestinal Surgery*, 2011 Sep; 15(9): 1602-1610. PubMed PMID: 21691924. Statistician
53. Reddy SK, Barbas AS, Turley RS, **Steel JL**, Tsung A, Marsh JW, Geller DA, Clary BM. A standard definition of major hepatectomy: Resection of four or more liver segments. *HPB*, 2011; 13(7): 494-502. PubMed PMID: 21689233. Statistician
54. **Steel JL**, Dunlavy A, Stillman J, Pape HC. Measuring depression and PTSD after trauma: Common scales and checklists. *Injury*, 2011 Mar; 42(3): 288-300. PubMed PMID: 21216400
55. Kitisin K, Packiam V, **Steel JL**, Humar A, Gamblin TC, Geller DA, Marsh JW, Tsung A. Presentation and Outcomes of Hepatocellular Carcinoma (HCC) Patients at a Western Center. *HPB* 2012 Oct; 13: 712-722. PubMed PMID: 21929672. Statistician
56. Reddy SK, **Steel JL**, Chen HW, Demateo DJ, Cardinal J, Behari J, Humar A, Marsh JW, Geller DA, Tsung A. Outcomes of curative treatment for hepatocellular cancer in nonalcoholic steatohepatitis versus hepatitis C and alcoholic liver disease. *Hepatology*, 2012 Jun; 55(6): 1809-19. PubMed PMID: 22183968. Statistician
57. Groeschl R, Nachmany I, **Steel JL**, Reddy S, Glazer E, de Jong M, Pawlik T, Geller DA, Tsung A, Marsh W, Clary B, Curley S, Gamblin TC. Hepatectomy for noncolorectal nonneuroendocrine metastatic cancer: A multi-Institutional analysis. *Journal of the American College of Surgeons*, 2012; 214(5): 769-77. PubMed PMID: 22425166. Statistician
58. Hart SL, Hoyt MA, Diefenbach M, Anderson DR, Kilbourn KM, Craft L, **Steel JL**, Cuijpers P, Mohr DC, Berendsen M, Spring B, Stanton AL. Meta-Analysis of the efficacy of interventions for depressive symptoms in adults diagnosed with cancer. *Journal of the National Cancer Institute*, 2012 Jul; 104(13): 990-1004. PubMed PMID: 22767203
59. **Steel JL**, Dunlavy A, Friday M, Kingsley K, Brower D, Unruh M, Tan H, Shapiro R, Peltz M, Hardoby M, McCloskey C, Sturdevant M, Humar A. A national survey of living donor advocates: A need for practice guidelines. *American Journal of Transplantation*, 2012 Aug; 12(8): 2141-2149. PubMed PMID: 22548793

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60. Zureikat AH, Magge D, Zeh HJ III, **Steel JL**, Holtzman MP, Jones HL, Brown CK, Pingpank JF & Bartlett DL. Outcome analysis of a combined percutaneous and open approach to Isolated Hepatic Perfusion (IHP) for patients with unresectable liver metastases. *Current Problems in Cancer*, 2012; 36: 27-76.
61. Austin F, Mavanur A, Sathaiah M, **Steel J**, Lenzner D, Ramalingam L, Holtzman M, Ahrendt S, Pingpank J, Zeh HJ, Bartlett DL, Choudry HA. Aggressive management of peritoneal carcinomatosis from mucinous appendiceal neoplasms. *Annals of Surgical Oncology*, 2012 May; 19(5): 1386-93. PubMed PMID: 22302270.
Statistician
62. Magge D, Gooding W, Choudry H, Steve J, **Steel J**, Zureikat A, Krasinskas A, Daouadi M, Lee KK, Hughes SJ, Zeh HJ, Moser AJ. Comparative effectiveness of minimally invasive and open distal pancreatectomy for ductal adenocarcinoma. *JAMA Surgery*, 2013; 148: 525–531. PubMed PMID: 23426503.
63. Magge D, Gooding W, Choudry H, Steve J, **Steel J**, Zureikat A, Krasinskas A, Daouadi M, Lee KK, Hughes SJ, Zeh HJ 3rd, Moser AJ. Comparative effectiveness of minimally invasive and open distal pancreatectomy for ductal adenocarcinoma. *JAMA Surgery*, 2013; 148: 525–531. PubMed PMID: 23426503.
Statistician
64. **Steel JL**, Dunlavy A, Friday M, Kingsley K, Brower D, Unruh M, Tan H, Shapiro R, Peltz M, Hardoby M, McCloskey C, Sturdevant M, Humar A. The development of practice guidelines for ILDAs. *Clinical Transplantation*, 2013 Mar-Apr; 27(2): 178-184. PubMed PMID: 23566069
65. Tohme, Geller DA, Cardinal JS, Chen HW, Packiam V, Reddy S, **Steel J**, Marsh JW, Tsung A. Radiofrequency ablation compared to resection in early-stage hepatocellular carcinoma. *HPB*, 2013 Aug; 3: 210-217. PubMed PMID: 23374361
66. Jhamb M, Liang K, Yabes J, **Steel J**, Shah N, Unruh M. Prevalence and correlates of fatigue in CKD and ESRD: Are Sleep Disorders a Key to Understanding Fatigue? *American Journal of Nephrology*, 2013; 38(6): 489-95. PubMed PMID: 24335380
67. Butt Z, Lai J-S, Beaumont JL, Kaiser K, Mallick R, Cella D, & **Steel JL**. Psychometric properties of a brief, clinically-relevant measure of pain in patients with hepatocellular carcinoma. *Quality of Life Research*, 2014 Nov; 23(9): 2447-2455. PubMed PMID: 24748017

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68. Magge D, Choudry HA, Zeh HJ 3rd, Cunningham DE, **Steel J**, Holtzman MP, Jones HL, Pingpank JF, Bartlett DL, Zureikat AH. Outcome analysis of a decade-long experience of isolated hepatic perfusion for unresectable liver metastases at a single institution. *Ann Surg.* 2014 May; 259(5):953-9. PubMed PMID: 24169176.
Statistician
69. Mejia J, Sucandy I, **Steel J**, Golas B, Humar A, Lee K, Zeh H, Marsh JW, Tsung T. Indications and outcomes of pancreatic surgery after liver transplantation. *Clinical Transplantation*, 2014; 28(3): 330-336. PubMed PMID: 24757720. Statistician.
70. **Steel JL**, Bress K, Popichak L, Evans JS, Savkova A, Biala M, Ordos J, Carr BI. A systematic review of randomized controlled trials testing the efficacy of psychosocial interventions for gastrointestinal cancers. *Journal of Gastrointestinal Cancers*, 2014 Jun; 45 (2): 181-189. PubMed PMID: 24733568
71. Lopez-Solis R, DeVera M, **Steel JL**, Fedorek S, Sturdevant M, Hughes C, Humar A. Gastrointestinal side effects in liver transplant recipients taking enteric-coated Mycophenolate Sodium vs. Mycophenolate Mofetil. *Clinical Transplantation*, 2014 July; 28(7): 783-788. PubMed PMID: 24754682 Statistician.
72. Tsung A, Geller DA, Sukato D, Sabbaghian S, Samer T, **Steel JL**, Marsh W, Reddy S, David B. Robotic versus laparoscopic hepatectomy: A matched comparison. *Annals of Surgery*, 2014 Mar; 259(3): 549-555. PubMed PMID: 24045442.
Statistician
73. Magee D, Choudry HA, Zeh HJ, Cunningham DE, **Steel J**, Holtzman MP, Jones HL, Pingpank JF, Barlette DL, Zureikat AH. Outcome analysis of a decade-long experience of isolated hepatic perfusion for unresectable liver metastases at a single institution. *Annals of Surgery*, 2014 May; 259(5): 953-959. PubMed PMID: 24169176
74. **Steel JL**, Geller DA, Robinson T, Savkova A, Brower D, Marsh JW, Tsung A. Health-related quality of life as a prognostic in advanced cancer patients. *Cancer*, 2014 Dec; 120(23): 3717-3721. PubMed PMID: 25104581
75. Dew MA, Myaskovsky L, **Steel JL**, DiMartini AF. Managing the psychosocial and Financial Consequences of Living Donation. *Current Transplantation Reports*, 2014 Mar; 1(1): 24-34. PubMed PMID: 4592353

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97. Bress K, Amesur N, Tsung A, Zajko A, Geller D, Marsh J, **Steel JL**. Health related quality of life and survival in patients diagnosed with hepatocellular carcinoma and treated with transarterial chemoembolization or yttrium-90. *Annals of Oncology* (2014).

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98. **Steel JL**, Geller DA, Kim KH, Dew MA, Terhorst L, Antoni M, Brower D, Kosciusko R, Bugbee P, Butterfield L, Tsung A. Symptom clusters, inflammation, and survival in advanced cancer patients. *Annals of Behavioral Medicine* (2015).
99. **Steel JL**, Geller DA, Marsh W, Brower D, Antoni M, Kim KH, Butterfield L, Dew MA, Kirk K, Tsung A. Patient Reported Outcomes versus Caregiver Reported Outcomes in predicting patient survival. *Annals of Behavioral Medicine* (2015).
100. **Steel JL**, Geller DA, Marsh W, Tsung A. The role of trauma in quality of life, inflammation, and survival. *Journal of Traumatic Stress* (2015).
101. Siegal J, Humar A, Gianaros P, Ahmed N, Savkova A, Harding C, Ordos J, **Steel JL**. An assurance of insurance: Should living kidney donors be required to have health insurance. *American Journal of Transplantation* (2016)
102. Phillips C, Kingsley K, Dulovich M, Kirk K, Ahmed N, Geller DA, Tsung A, Marsh W, **Steel JL**. Screening for depression in an outpatient oncology clinic. *Psycho-oncology* (2016).
103. Cheng HH, Kamarck TW, Gianaros PJ, Roecklein KA, Tsung, A, Geller, DA, Marsh JW, Ahmed NS, **Steel JL**. Gender differences and socioeconomic disparities of depression and IL-2 about survival in hepatocellular carcinoma. *Annals of Behavioral Medicine* (2016).
104. **Steel JL**, Geller DA, Marsh JW, Antoni M, Penedo F, Vodovotz Y, Zamora R, Terhorst L, Butterfield L, Burke L, Tsung A. Depression and increased risk of mortality in cancer: The underlying biological mechanisms remain elusive. *Psycho-oncology* (2016).
105. **Steel JL**, Geller DA, Ordos J, Ahmed N, Savkova A, Phillips C, Marsh JW, Antoni M, Pathak R, Tsung A. Early and late adverse life events associated with poorer quality of life, inflammation, and increased risk of mortality. *Annals of Behavioral Medicine* (2016).
106. **Steel JL**, Vodovotz Y, Zamora R, Rothman R, Ferrero K, Terhorst L, Antoni M, Geller DA, Marsh W, Tsung A. Tumor necrosis factor and the damage-associated molecular pattern molecule HMGB1 as potential mediators of depression and survival. *Psycho-oncology* (2016).

UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE CURRICULUM VITAE

107. **Steel JL**, Geller DA, Marsh JW, Antoni M, Penedo F, Butterfield L, Pathak R, Burke L, Savkova A, Tsung A. The psychological, behavioral and health sequelae of stress after a diagnosis of cancer. *Psycho-oncology* (2016).
108. **Steel JL**, Vodovotz Y, Zamora R, Rothman R; Ferrero K, Terhorst L, Antoni M, Geller DA, Marsh JW, Tsung A. Tumor necrosis factor and the damage-associated molecular pattern molecule HMGB1 as potential mediators of depression and survival. *Psycho-Oncology* (2016).
109. **Steel JL**, Hua M, Scott P, Cheng H, Geller DA, Marsh J, Antoni M, Burke L, Penedo F, Butterfield L, Vodovotz Y, Tsung A, Social support: predictor of mortality in gastrointestinal cancer patients. *Psycho-Oncology* (2017).
110. Ajayl-Fox, Swaminathan V, **Steel J**, Behari J. Feasibility of using internet-based support groups for alcohol abstinence in patients with alcohol-related cirrhosis. *Gastroenterology*. (2017).
111. Ajayl-Fox, Swaminathan V, **Steel J**, Behari J. Perceptions of strength of social support amongst patients with decompensated alcoholic cirrhosis. *Gastroenterology* (2017).
112. Patel V, Tohme S, Tsung A, Geller DA, Marsh JW, Bress K, **Steel JL**. Quality of life and survival in hepatobiliary surgery. *Academic Surgical Congress* (2017).
113. **Steel JL**, Geller DA, Spring M, Antoni M, Marsh W, Tsung A. Web-based stepped collaborative care intervention in the oncology setting: Lessons learned from the pilot study and advances in technology. *Psychosomatic Medicine* (2017).
114. Jakubowski K, Jhamb M, Bender F, **Steel JL**. Technology-Assisted Cognitive-Behavioral Therapy Intervention for Chronic Kidney Disease. *Psychosomatic Medicine* (2017).
115. **Steel JL**, Scott P, Hua M, Geller DA, Wang, Y, Marsh J, Antoni M, Burke L, Penedo F, Butterfield L, Vodovotz Y, Tsung A. Predicting the course of depression and stress and the link with mortality in patients with gastrointestinal cancers. *Psychosomatic Medicine* (2017).
116. **Steel JL**, Geller DA, Antoni M, Terhorst L, Penedo F, Burke L, Tsung A. Sedentary lifestyle and greater symptom burden in patients diagnosed with cancers affecting the hepatobiliary and pancreatic system. *Annals of Behavioral Medicine* (2017).

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117. Krane DM, Terhorst L, Bovbjerg D, Scheier M, Kucinski B, Geller DA, Marsh W, Tsung A, **Steel JL**. Putting the life in lifestyle: Lifestyle choices after a diagnosis of cancer predict mortality. University of Pittsburgh Cancer Institute's Scientific Retreat (2017).
118. **Steel JL**, Hua M, Scott P, Cheng H, Geller DA, Marsh J, Antoni M, Burke L, Penedo F, Butterfield L, Vodovotz Y, Tsung A. Social support: Predictor of mortality in gastrointestinal cancer patients. *Psycho-oncology* (2017)
119. **Steel JL**, Geller DA, Marsh W, Miceli J, Gray K, Tsung A. The role of the host in cell-mediated immunity and cancer progression. International Conference on Cytokine signaling (2017).
120. Ajaju-Fox P, Swaminathan V, **Steel JL**, Behari J The impact of strength of social support on alcohol use behaviors in patients with alcohol related cirrhosis. American Association for the Study of Liver Disease (2017).
121. Porter L, **Steel J**, Bull J, Hanson L, LeBlanc TW, Fisher S, Keefe F. Caregiver-guided pain management for patients with advanced cancer. European Health Psychology Society meeting (2017).
122. **Steel JL**, Geller DA, Miceli J, Marsh W, Bradley TJ, Antoni M, Penedo F, Burke L, Tsung A. Physical inactivity and alcohol use predict shorter survival after a diagnosis of gastrointestinal cancer. *Psycho-Oncology* (2018). Best of the Best Oral Presentations
123. Miceli J, Geller DA, Tsung A, Marsh W, Antoni M, Penedo F, Burke L, Ell K, **Steel JL**. Illness perceptions and perceived stress in patients with advanced cancer. *Annals of Behavioral Medicine* (2018)
124. **Steel JL**, Wang Y, Pathak R, Cheng H, Geena Richards, Ell K, Buysse D, Miceli J, Marsh J, Antoni M, Ell K, Geller DA, Tsung A. Caregiving and risk for cardiovascular disease in advanced cancer caregivers. *Psycho-Oncology* (2018)
125. Cheng H, Kamarck T, Gianaros PJ, Roecklein KA, Tsung A, Geller DA, Marsh JW, Wang Y, Ahmed NS, **Steel JL**. Socioeconomic predictors of symptom severity and survival in patients diagnosed with hepatocellular carcinoma. *Psycho-Oncology* (2018)

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126. Puleo B, Keefe F, Bull J, Hanson L, Fischer S, LeBlanc T, **Steel JL**, Porter L. High levels of holding back associated with higher caregiver strain and psychological distress among caregivers of patients with advanced cancer and pain. *Annals of Behavioral Medicine* (2018). Best of the Best Oral Presentations.
127. **Steel JL**, Ganesh S, Lai A, Shen S, Zharichenko N, Nawaz S, Kingsley K, Dulovich M, Tevar A, Hughes C, Humar A. Medical and Psychosocial Outcomes of Good Samaritan Living Liver Donors. *American Journal of Transplantation* (2018). Poster Distinction.
128. **Steel JL**, Dulovich M, Kingsley K, Ganesh S, Ola O, Lai A, Shen S, Zharichenko N, Nawaz S, Tevar A, Hughes C, Humar A. Occupational and Financial Outcomes of Directed and Non-Directed Living Liver Donors. *American Journal of Transplantation* (2018)
129. Lai A, **Steel JL**, Ganesh S, Ola O, Shen S, Zharichenko N, Nawaz S, Tevar A, Humar A. Living liver donation: The role of Facebook in directed donation. *American Journal of Transplantation* (2018)
130. Tevar AD, Lemon K, Wu C, Shah N, Mehta R, Puttarajappa CM, Sood P, Hariharan S, Ganoza A, Wijkstrom M, Molinari M, Humar A, Wang Y, **Steel JL**. Objective Markers of Frailty Predict Successful Listing and Survival for Renal Transplant. *American Journal of Transplantation* (2018). Poster Distinction.
131. Nathan J and Prospective Observational Study of TPIAT (POST). Surgical techniques and complications in children and adults undergoing total pancreatectomy with islet autotransplantation: Updates from POST”. *Pancreas* (2018). Poster of Distinction.
132. Bellin M and Prospective Observational Study of TPIAT (POST). Updates on the Prospective Observational Study of TPIAT (POST): Approach and Participant Characteristics. *Pancreas* (2018).
133. Abu-El-Haija M and Prospective Observational Study of TPIAT (POST). Nutritional status of children and adults before total pancreatectomy with islet autotransplantation (TPIAT): Updates from the Prospective Observational Study of TPIAT (POST). *Pancreas* (2018).

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134. **Steel JL**, Wang Y, Cheng H, Pathak R, Miceli J, Hecht CL, Geller DA, Marsh W, Tsung A. Preliminary findings for the differential biobehavioral pathways of cardiovascular risk in cancer caregivers. *International Journal of Behavioral Medicine* (2018).
135. **Steel JL**, Miceli J, Geller DA, Marsh W, Bradley T, Tsung A, Jackson H, Cheng H, Pathak R, Wang Y. The use of the Center for Epidemiological Studies-Depression Scale for screening advanced cancer patients. *Journal of Psychosomatic Medicine* (2019)
136. **Steel JL**, Cheng H, Pathak R, Wang Y, Miceli J, Hecht CL, Haggerty D, Vanegas Y, Geller DA, Marsh W, Tsung A. Psychological and Behavioral Predictors of Metabolic Abnormalities in Cancer Caregivers. *Psycho-Oncology* (2019). Chair of Symposium entitled Innovative Translational Research Approaches to Enhance Cancer Caregivers' Health
137. **Steel JL**, Richards G, Billiar T, Procopio J, Miceli J, Hecht CL, Kucinski B, Tsung A, Murphy E, Marsh W, Antoni M, Vodovotz Y, Layshock M, Spring M, Pathak R, Cheng H, Geller DA. Depression and Health Care Utilization and Costs in Patients Diagnosed with Cancer. *Journal of Clinical Oncology* (2019).
138. **Steel JL**, Richards G, Miceli J, Hecht CL, Lee J, Antoni M, Peddada S, Flaig C, Olejniczak D, Geller DA. Efficacy of a Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. *Psychology and Health* (2019).
139. Richards G, Geller DA, Billiar T, Procopio J, Kucinski B, Tsung A, Murphy E, Marsh W, Antoni M, Vodovotz Y, Spring M, Pathak R, Cheng H, Sidleck B, **Steel JL**. Efficacy of a Stepped Collaborative Care Intervention for Comorbid Cancer and Depression: Health Care Utilization and Costs. *Journal of Clinical Oncology* (2019)
140. **Steel JL**, Jang E, Antoni M, Gunsallus B, Peddada S, Jones R, Cowan R, Olejniczak D, Chen Q, Geller DA. Sensitivity and Specificity of Screening Tools for Cancer Related Symptoms. *Psychology and Health* (2019).
141. **Steel JL**, Richards G, Miceli J, Hecht CL, Lee J, Antoni M, Peddada S, Flaig C, Olejniczak D, Geller DA. Efficacy of a Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. *The European Health Psychologist* (2019).

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142. **Steel JL**, Jang E, Antoni M, Gunsalius B, Peddada S, Jones R, Cowan R, Olejniczak D, Chen Q, Geller DA. Sensitivity and Specificity of Screening Tools for Cancer Related Symptoms. *The European Health Psychologist* (2019).
143. Cowan R, Gunsallus B, Geller DA, Bovbjerg D, Pathak R, Antoni M, Olejniczak D, **Steel JL**. Predictors of Stress and Substance Use in Cancer Patients and their Caregivers. *Journal of Psychosocial Oncology Research & Practice* (2019).
144. Jones R, Moore D, Kamarck T, Geller DA, Miceli J, Hecht CL, Spring M, Pathak R, Chen Q, **Steel JL**. The Development of a Scale to Assess Risk for Metabolic in Cancer Caregivers: Preliminary Findings. *Journal of Psychosocial Oncology Research & Practice* (2019).
145. Richards G, Geller DA, Billiar T, Procopio J, Kucinski B, Tsung A, Murphy E, Antoni M, Spring M, Pathak R, Cheng H, **Steel JL**. Preliminary Findings of the Efficacy of a Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. *Journal of Psychosocial Oncology Research & Practice* (2019).
146. **Steel JL**, Richards G, Miceli J, Hecht CL, Lee J, Antoni M, Peddada S, Flaig C, Olejniczak D, Chen Q, Geller DA. The link between depression and health care utilization and costs in patients diagnosed with advanced cancer. *Journal of Psychosocial Oncology Research & Practice* (2019).
147. **Steel JL**, Jang E, Antoni M, Gunsallus B, Peddada S, Jones R, Cowan R, Olejniczak D, Chen Q, Geller DA. Sensitivity and Specificity of Screening Tools for Cancer Related Symptoms. *Journal of Psychosocial Oncology Research & Practice* (2019).
148. Porter L, **Steel JL**, LeBlanc T, Faircloth D, Samsa G, Fischer S, Bull, Hanson L, Keefe F. Caregiver-Guided Pain Management for Advanced Cancer: Results of a Randomized Controlled Trial. *Journal of Palliative Care Medicine* (2020).

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OTHER NON-PEER REVIEWED PUBLICATIONS

INVITED PUBLISHED PAPERS:

1. **Steel JL**, Geller, DA, Gamblin TC, Olek M., Carr BI. Reply to “More claims about depression, immune function, and survival that exceed the evidence.” By James C. Coyne and Steven C. Palmer. *Journal of Clinical Oncology*, 2007; 25(33): 5328-5329.
2. **Steel JL** & Dew MA. Consultation-Liaison Psychiatry for the Novice. Review of book, *Handbook of Consultation-Liaison Psychiatry*, by H. Leigh and J. Streltzer. American Psychological Association PsychCritiques; 2009.
3. **Steel JL**. Health-related quality of life is prognostic of survival in patients with cancer. *Medscape Medical News*; 2010, *WebMD*; 2010.
4. Luchette F & **Steel JL**. Response to Health-related quality of life in patients with multiple injuries and traumatic brain injury 10+ years post injury. *Journal of Traumatic Injury, Infection, and Critical Care*, 2010; 69(3): 530.
5. **Steel JL**. Article written and interviewed by MacKenzie Carpenter. Family: Joe Paterno did not die of a broken heart. *Pittsburgh Post-Gazette*. January 26, 2012.
6. **Steel JL**. Coping with a diagnosis of cancer. *Encyclopedia of quality of life research*. Springer, New York, NY; 2014.
7. Collins KP, Geller DA, Antoni M, Donnell DM, Tsung A, Marsh JW, Burk L, Penedo F, Terhorst L, Kim K, Kamarck TW, Greene A, Buysse DJ, **Steel JL**. Reuters Health. Sleep duration is associated with survival in advanced cancer patients (2017).
8. Collins KP, Geller DA, Antoni M, Donnell DM, Tsung A, Marsh JW, Burk L, Penedo F, Terhorst L, Kim K, Kamarck TW, Greene A, Buysse DJ, **Steel JL**. National Cancer Institute Newsletter. Sleep duration is associated with survival in advanced cancer patients (2017).
9. Dew MA, Posluszny D, DiMartini AF, Myaskovsky L, **Steel JL**, DeVito Dabbs A. Posttransplant medical adherence: What have we learned and can we do better? *Current Transplant Reports*, 2018 Jun;5(2):174-188.

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10. **Steel JL.** Coping with a diagnosis of cancer. Encyclopedia of quality of life research. Springer, New York, NY; 2020.

WHITE PAPERS

1. Clark J, Carrier J, Freeman W, Gordon E, Hillman N, Murdock-Stillion L, Olenick D, Ravichandran P, Reese P, Rocha D, **Steel J**, Veatch R, Waz W. The ethics of deceased organ recovery without requirement for explicit consent or authorization. United Network for Organ Sharing Ethics Committee (2016).
2. Courtenay BR, Olenick D, Gordon E, **Steel JL**, Freeman W, Hillman N. Ethical Considerations Associated with Financial Incentives for Organ Donation. United Network for Organ Sharing Ethics Committee (2017).
3. Clark J, Carrier J, Freeman W, Gordon E, Hillman N, Murdock-Stillion L, Olenick D, Ravichandran P, Reese P, Rocha D, **Steel J**, Veatch R, Waz W. Living Non-Directed Organ Donation. United Network for Organ Sharing Ethics Committee (2016).
4. **Steel JL**, Freeman W, Qamar A, Major B, Stoker H, Veatch R, Bolton L. Guidance regarding living donation by a fatally or terminally ill person who has the capacity for informed consent. United Network for Organ Sharing Ethics Committee (2017).

BOOKS

1. Carr BI and **Steel JL** (Eds). Psychological aspects of cancer: A guide for emotional and psychological consequences of cancer, their causes and their management. New York NY: Springer Publishing; 2013.
2. **Steel JL** (Ed). Living Donor Advocacy: An evolving role within transplantation. New York NY: Springer Publishing; 2014.

BOOK CHAPTERS

1. Meyer-Bahlburg HFL & **Steel, JL.** Using the parents as a source of information about the child: With a special emphasis on the Sex Problems Scale of the Child Behavior Checklist. In J. Bancroft (Ed.) Sexual Development in Childhood, Indiana University Press; 2003.

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2. **Steel JL**, Carr BI, Olek M, Gamblin TC. Health-related quality of life in patients diagnosed with hepatobiliary carcinoma. *U.S. Gastroenterology Review* 1:87-90; 2007.
3. **Steel JL**, DiMartini A, Dew MA. Psychosocial issues in hepatocellular carcinoma. In BI Carr (Ed.), *Hepatocellular Carcinoma*, 2nd edition. New York, NY: Spring Publishing; 2010.
4. **Steel JL**, Carney M, Midboe A. The intersection between cancer and caregiver survivorship. In Carr BI and Steel JL (Eds). *Psychological aspects of cancer: A guide for emotional and psychological consequences of cancer, their causes and their management*. New York NY: Springer Publishing; 2012.
5. **Steel JL**, Dunlavy A, Friday M, Kingsley K, Brower D, Unruh M, Tan H, Shapiro R, Peltz M, Hardoby M, McCloskey C, Sturdevant M, Humar A. Recommendation for the development of practice guidelines for ILDAs. In Steel JL (Ed) *Living Donor Advocacy: An evolving role in transplantation*. New York NY: Springer Publishing; 2014.
6. **Steel JL**, Dunlavy A, Friday M, Kingsley K, Brower D, Unruh M, Tan H, Shapiro R, Peltz M, Hardoby M, McCloskey C, Sturdevant M, Humar A. Findings from a national survey of living donor advocates. In Steel JL (Ed) *Living Donor Advocacy: An evolving role in transplantation*. New York NY: Springer Publishing; 2014.
7. Brodie B, Green A, **Steel JL**. Health Disparities within Kidney and Liver Transplantation. In Copeland V. (Ed) *Contemporary Issues for People of Color: Surviving and Thriving in the U.S. Today*. Santa Barbara, CA: ABC-CLIO, 2015.
8. Carr F, Ahmed N, Dew MA, DiMartini A, **Steel JL**. Psychosocial issues in hepatocellular carcinoma. In BI Carr (Ed.), *Hepatocellular Carcinoma*, 3rd edition. New York, NY: Spring Publishing; 2016.
9. Pathak R, Cheng H, Kociusko R, Wang Y, Rajput M, Brindley E, **Steel J**. Psychobiological mechanisms and risk factors with tumors In Egle, Heim, Strauß, von Känel (Ed.) (2018) *Psychosomatische Medizin*. Stuttgart: Kohlhammer Verlag.
10. Dew MA, Myaskovsky L, **Steel JL**, DiMartini AF (2019). Posttransplant psychosocial and mental health care of the renal recipient. In: Y Sher, J Maldonado (Eds.), *The psychosocial care of end-stage disease and transplant patients*, pp. 119-136. NY: Springer Publishing

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11. Jhamb M & Steel JL. In (Eds). Psychosocial Aspects of Chronic Kidney Disease. Pain and Symptom Burden in chronic kidney disease. In press.

PROFESSIONAL ACTIVITIES

TEACHING

UNDERGRADUATE:

- 1992 to 1994 Instructor, Introductory Psychology, Washington State University
130-150 students; 90 sessions per year
- 1994 to 1995 Instructor, Helping Skills Psychology 444) Washington State University
15-20 students, 60 lectures per year
- 1998 to 1998 Instructors, Introductory Psychology, Monroe College
70 students, 13 lectures per year

GRADUATE:

- 2000 Instructor, Stress, Health and Disease; University of Pittsburgh Department of Psychology, 10 students, 15 lectures per year
- 2000 Instructor, Behavioral Medicine; Carnegie Mellon University, Department of Psychology; 5 students, 1 lecture per year
- 2015 Instructor, Behavioral Medicine Research; Research Seminar in Chronic Disorders, University of Pittsburgh School of Nursing; 10 students, 1 lecture per year
- 2018 Instructor, Collaborative Care Interventions, Health Psychology, University of Pittsburgh Department of Psychology, 10 students, 1 lecture

MEDICAL STUDENTS:

- 2007-2017 Facilitator, Methods and Logic in Medicine, University of Pittsburgh School of Medicine, 8-10 students, 7 lectures per year

PROFESSIONAL:

- 1993 to 1995 Director, Medical Psychology Grand Rounds; Pullman Hospital
50 health care professionals, 10 lectures per year

UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE CURRICULUM VITAE

- 1995 to 1996 Resident, Grand Rounds, Rush-Presbyterian-St. Luke's Medical Center
50 health care professionals; 4 lectures
- 1998 to 1999 Instructor, Landstinget (Swedish National Health Care Organization)
Integration of Behavioral Medicine into the Primary Care Setting
20 health care professionals, 1 lecture

MENTORING:

A. CLINICAL SCIENTIST TRAINING PROGRAM (MPH or MD/PhD)

- 2009-2016 Mentor, Aaron Baum, CSTP (MD/PhD), Dean's Summer Scholarship, Ph.D.
program Columbia University
- 2011-2016 Co-Mentor Alexia Chidi, CSTP (MD/PhD), School of Social Work Scholarship
(\$10,000)
- 2016-2020 Mentor, Simon Yohannes, Medical Student; Student Leader in Global Health
Global Health and Innovation Conference Yale University, GSPH Travel
Grant, Career Education and Enhancement for Health Care Research
Diversity Travel Grant

B. MEDICAL RESIDENTS

- 2001-2002 Mentor, Chen Parke, Medical Resident, University of Pittsburgh School of
Medicine Department of Gastroenterology
- 2006-2007 Mentor, Brandon Stone, Medical Resident, University of Pittsburgh School of
Medicine Department of Surgery
- 2010-2011 Mentor, Sonia Brar, Medical Resident, University of Pittsburgh Department of
Gastroenterology

C. MASTER'S AND DOCTORAL STUDENTS

- 2001-2002 Mentor, Sabra Inslicht, Doctoral Student, University of Pittsburgh Department
of Psychology, Increased cortisol in women with intimate partner violence-
related posttraumatic stress disorder (Dissertation)
- 2010-2011 Mentor, Donna Kinzler, University of Pittsburgh School of Nursing,
Pancreatic cancer, quality of life, and immune dysfunction (Dissertation)
- 2011-2012 Mentor, Patricia Harris, University of Carlow School of Nursing, Caregiving
and pediatric intestinal transplant recipients (Dissertation)
- 2011-2012 Mentor, Chris Rabold, Boston University; PTSD, depression, and fracture
healing (Master's Degree)

UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE CURRICULUM VITAE

- 2012-2013 Mentor, Anita Lipello, University of Pittsburgh School of Nursing, Health Tracks and Liver Disease (Dissertation)
- 2016-2017 Mentor, Karen Jakubowski, Pilot testing a technology assisted stepped collaborative care to improve patient-centered outcomes in hemodialysis patients
- 2016-2017 Mentor, Elizabeth Oberlin, Pilot testing a technology assisted stepped collaborative care to improve patient-centered outcomes in hemodialysis patients
- 2016-2017 Mentor, Swathi Gurjal, Pilot testing a technology assisted stepped collaborative care to improve patient-centered outcomes in hemodialysis patients

D. PSYCHOLOGY HONORS STUDENTS

- 2001-2002 Mentor, Kirsha Weyandt, Depression and anxiety in patients with Hepatitis B and/or C Virus and Hepatocellular Carcinoma, *Chancellor's Undergraduate Research Fellowship*
- 2002-2004 Mentor, Koty Nadeau, The efficacy of a psychosocial intervention for patients diagnosed with hepatobiliary carcinoma (*published Journal of Psychosocial Oncology*), *Chancellor's Undergraduate Research Fellowship, John Knox Hall, Jr. Scholarship, BPhil*
- 2005-2006 Mentor, Jeremy Kane, The psychological consequences of pre-emigration trauma on Somali refugees residing in Sweden
- 2008-2010 Mentor, Uzoh Ikpeama, Stress and immunity in advanced cancer, *John Knox Hall, Jr. Scholarship, BPhil*
- 2008-2010 Mentor, Jennifer Hammond, Expressed emotion and depression in patients diagnosed with hepatobiliary carcinoma
- 2008-2009 Mentor, Aimee Moore Posttraumatic growth in patients and caregivers (*published Psycho-Oncology*), *John Knox Hall, Jr. Scholarship, Chancellor's Fellowship*
- 2009-2010 Mentor, Katherine Fedele, Depressive Symptoms in Polytrauma Patients at 10+ Years Follow-Up
- 2010-2011 Mentor, Deanna Matthews, Sleep and Th1/Th2 shift in advanced cancer patients, *Brackenridge scholarship*
- 2011-2013 Mentor, Katherine Forleo, Acculturation and mental health in refugees from sub-Saharan Africa
- 2013-2014 Mentor, Adrienne Mahler, Illness Perception and survival in advanced cancer patients, *Brackenridge Fellowship*

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- 2013-2014 Mentor, Kevin Collins Sleep quality and survival in patients with advanced cancer (*published Sleep Medicine*)
- 2013-2014 Mentor, Ashley Volkert, Depression and Activities of Daily Living in polytrauma patients, *Brackenridge Fellowship*
- 2013-2014 Mentor, Steven Perlack, Trauma and psychological functioning in refugees from Africa
- 2014-2015 Mentor, Hannah Cheng, Socioeconomic disparities, depression, and inflammation. Abstract *published Annals of Behavioral Medicine*.
- 2015-2016 Mentor, Jordan Siegel, Insurance Status in Living Donors. Abstract *Transplantation, paper under review*.
- 2015-2016 Mentor, Rachel Kosciusko, Substance use after a diagnosis of hepatocellular carcinoma, *John Hall Knox Award*
- 2015-2016 Mentor, Andrew Krane, Optimism and behavior change in advanced cancer. Abstract *published in Annals of Behavioral Medicine paper published in Cancer*), *John Hall Knox Award*
- 2018-2019 Mentor, Geena Richards, The efficacy of a collaborative care intervention and health care utilization and costs
- 2018-2019 Mentor, Reyna Jones, The Effect of Background Music on the Spatial Ability of Musicians and Non-Musicians, *Brackenridge Fellowship John Hall Knox Award*
- 2018-2019 Mentor, Richaela Cowan, Disease specific variables, illness perception, and stress as predictors of health behavior change in advanced cancer patients

E. UNIVERSITY OF PITTSBURGH CANCER INSTITUTE VOLUNTEER PRORAM

- 2007-2008 Mentor, Andrea Poon, Carnegie Mellon
- 2007-2008 Mentor, Vishal Desai, Carnegie Mellon
- 2007-2009 Mentor, Jennifer Hammond, Carnegie Mellon

F. UNDERGRADUATE DIRECTED RESEARCH

- 1999-2000 Mentor, Jesse Matthews, A history of trauma and HIV prevention (*International Conference on HIV/AIDS*)
- 2000-2001 Mentor, Jeffrey Bower, Quality of life in patients with hepatocellular carcinoma
- 2000-2001 Mentor, Jennifer Giordano, HIV prevention in underserved communities in Pittsburgh
- 2000-2001 Mentor, Rebecca Meyer, Quality of life in advanced cancer
- 2000-2001 Mentor, Nicole Brown, HIV risk behavior

UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE CURRICULUM VITAE

- 2000-2001 Mentor, Andrea Dunlavy, Depression and PTSD in trauma (*Injury*), **Cancer Research Training Award Fellow*
- 2002-2003 Mentor, Theresa Knapp, Acupuncture for the treatment of depression in advanced cancer
- 2002-2003 Mentor, Jennifer Giordano, HIV prevention in underserved communities
- 2002-2003 Mentor, Joshua Kogot, Childhood trauma and psychological consequences
- 2005-2006 Mentor, Megan Bowser, Quality of life in advanced cancer
- 2005-2006 Mentor, Melissa Loveranes, Cytokine-immunological model of hepatobiliary carcinoma
- 2005-2006 Mentor, Max Hammer, Determinants of HIV prevention
- 2005-2006 Mentor, Tiffany Thomas Determinants of HIV risk behavior in refugees
- 2005-2006 Mentor, Laura Tunke, Sexual dysfunction in patients diagnosed with hepatocellular carcinoma and chronic liver disease (*Cancer*)
- 2005-2006 Mentor, Stephanie Hess, Sexual dysfunction in patients diagnosed with hepatocellular carcinoma and chronic liver disease (*Cancer*), **Cancer Research Training Award Fellow*
- 2006-2007 Mentor, Jackie Goodman, Prognostic value of HRQL and survival
- 2006-2007 Mentor, Justin Lazaroff, Management of cancer-related symptoms
- 2006-2007 Mentor, Allison Walker, HIV risk behavior in refugees from sub-Saharan Africa
- 2006-2007 Mentor, Sara Gallagher, Quality of life in patients diagnosed with hepatobiliary carcinoma
- 2006-2007 Mentor, Aimee Moore, Posttraumatic growth in advanced cancer patient caregivers (*Psycho-Oncology*)
- 2006-2007 Mentor, Max Rappaport, HIV prevention in underserved Communities
- 2007-2008 Mentor, Wanwan Zhang, Cancer-related symptoms in hepatobiliary carcinoma
- 2009-2010 Mentor, Jonah Kaufman, Predictors of HIV knowledge in refugees
- 2010-2011 Mentor, Jessica Stillman, Predictors and consequences of smoking in polytrauma (*Injury*)
- 2010-2011 Mentor, Moustafa Khalifa, Predictors and consequences of smoking in polytrauma
- 2010-2011 Mentor, Kirby Huffman, Trauma and rehabilitation
- 2010-2011 Mentor, Anna Murphy, Gender differences and acculturation
- 2012-2013 Mentor, Virgus Volteras, Living donor outcomes
- 2013-2014 Mentor, Steve Perlack, Biobehavioral pathways of stress and disease progression
- 2014-2014 Mentor, Rachel Kosciusko, Substance use and disease progression
- 2014-2015 Mentor, Jordan Siegel, Benefits and consequences of living donation
- 2014-2015 Mentor, Elizabeth Yoder, Nutritional intervention prior to living donation

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- 2014-2015 Mentor, Phillip Bugabee, Psychological function pre- and post-kidney donation
- 2016-2017 Mentor, Nicole Zharichenko, Living donor follow-up
- 2016-2017 Mentor, Alexander Lai, Cancer Caregiver Intervention, *Brackenridge Fellowship*
- 2017-2018 Mentor, Geena Richards, Palliative care intervention for advanced cancer patients and their caregivers
- 2017/2018 Mentor, Reyna Jones, Palliative care intervention for advanced cancer patients and their caregivers
- 2017-2018 Mentor, Tyler Bradley, Collaborative care intervention for renal transplant
- 2017-2018 Mentor, Shutan Shen, Palliative care intervention for advanced cancer patients and their caregivers
- 2017-2018 Mentor, Sophia Nawaz, Living liver donor outcomes
- 2017-2018 Mentor, Sabrina Mammarelli, Collaborative care intervention for cancer patients and their caregivers
- 2017-2018 Mentor, Brittany Gunsallus, Collaborative care intervention for cancer patients and their caregivers
- 2017-2018 Mentor, Marie Anderson, Collaborative care intervention for cancer patients
- 2018-2019 Mentor, Eric Jang, Collaborative care intervention for cancer patients
- 2018-2019 Mentor, Joshua Lee, Collaborative care intervention for cancer patients
- 2018-2019 Mentor, Heather Jackson, Collaborative care intervention for renal transplant candidates
- 2018-2020 Mentor, Blake Sidleck, Collaborative care intervention for cancer patients and their caregivers
- 2018-2020 Mentor, Carly Flaig, Directed and non-directed living donors
- 2018-2019 Mentor, Mikhaila Layshock, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Nicole Cruder, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Sanika Panwalkar, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Elizabeth Gammer, Collaborative care intervention for patients and their caregivers
- 2019-2020 Mentor, Danielle Douse, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Robin Burke, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Zeyao Jia, Collaborative care intervention for cancer patients and their caregivers

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- 2019-2020 Mentor, Niva Pandya, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Emily Kirshner. Non-directed and directed donors
- 2019-2020 Mentor, Eric Jang, Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Mentor, Bridget Bayerl Collaborative care intervention for cancer patients and their caregivers
- 2019-2020 Ilse Smilo-Morgan, Collaborative care intervention for cancer patients and their caregivers

G. PSYCHOLOGY AND SOCIAL WORK INTERNS

- 2002-2003 Mentor, Wendy Snyder, MSW Field Placement
- 2003-2004 Mentor, Tiffany Thomas, MSW Field Placement
- 2002-2003 Mentor, Kathryn Mazzaferro, MSW Field Placement
- 2010-2011 Mentor, Mel Peltz, MSW Field Placement
- 2009-2010 Mentor, Melissa Hardoby, MSW Field Placement
- 2013-2014 Mentor, Cassandra Long, MSW Field Placement
- 2016-2017 Mentor, Qi Chen, MSW Field Placement
- 2017-2018 Mentor, Olutoyin Ola, MSW Field Placement, Master's Thesis

H. POSTDOCTORAL FELLOWS

- 2000-2002 Mentor, Clare Hopkins, University of Pittsburgh Cancer Institute
- 2007-2008 Mentor, Julianna Gubiotti, University of Pittsburgh School of Medicine
- 2008-2009 Mentor, Leigh Gemmell, University of Pittsburgh School of Medicine
- 2008-2010 Mentor, Juliana Ramirez, University of Pittsburgh School of Medicine
- 2010-2011 Mentor, Ryan Hunt, University of Pittsburgh School of Medicine

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FUNDED RESEARCH:

Funding Agency	Title	Role	Year(s)	Amount
National Institute of Diabetes, Digestive, and Kidney Diseases U01DK123812	Pain reduction and opioid medication safety in ESRD (PROMISE) study.	Co-PI 15% effort	2019-2023	Total: \$46,233 Direct: \$29,542 Indirect: \$16,691 Total Pitt: \$2,480,789 Total: ~\$27,000,000
National Cancer Institute R01CA196953	Palliative care intervention for socioeconomically disadvantaged cancer patients	PI 16% effort	2016-2021	Total: \$3,784,611 Direct: \$396,167 Indirect: \$222,844
National Institute of Nursing R01NR015348	Caregiver-guided pain management training in palliative care	Co-I Site PI Effort based on per patient	2014-2019	Total: \$2,482,756 Direct: \$502,743 Indirect: \$483,282
National Institute of Diabetes, Digestive, and Kidney Diseases R01DK114085	Technology assisted stepped collaborative care to improve patient-centered outcomes in hemodialysis patients	Co-I 15% effort	2018-2022	Total: \$3,750,000 Direct: \$509,258 Indirect: \$162,010
National Institute of Diabetes, Digestive, and Kidney Diseases R01DK109124	Advancing treatment for pancreatitis: A prospective observational study of TPIAT	Co-I 1% effort	2016-2022	Total: \$3,744,935 Direct: \$513,774 Indirect: \$162,591

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Current Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
National Cancer Institute	Caring Collaboratively	PI 0% effort	2019	Total: \$26,000 Directs: \$20,000 Indirect: \$6000

Pending Grant Support:

Funding Agency	Title	Role	Year(s)	Amount (Year 1)
National Cancer Institute Diversity Supplement		PI 0% effort	2020-2021	Total: \$95,480 Direct: \$62,000 Indirect: \$33,480

Prior Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
Association for the Treatment of Sexual Abusers	Mediating factors in the development of psycho-pathology in victims of childhood sexual abuse	PI 50% effort	1993	Total: \$500
Sigma Xi	Mediating and moderating factors in the development of psycho-pathology in victims of childhood sexual abuse: A comparison across populations	PI 50% effort	1994-1999	Total: \$5000

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Prior Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
Council for Social Research (Equivalent to NIH in Sweden)	Fundamental determinants of HIV- risk behavior in African immigrants and refugees residing in Sweden	PI 50% effort	1999-2002	Total: \$60,000
Swedish National Institute of Public Health	The association between child and adolescent sexual abuse and sexual risk behavior: A randomized sample of the general population of Sweden	PI 10% effort	2000	Total: \$10,000
Council for Working Life and Social Research R01-type (Equivalent to NIH in Sweden)	Determinants of HIV-Risk Behavior in African immigrants and refugees residing in Sweden	PI 25% effort	2002-2006	Total: \$280,000
County of Dalarna, Municipality of Falun, Arvsfonds-delegstion	Prevention of Sexual Harassment in Educational Settings: A Model for early intervention and evaluation of a school-based sexual harassment	Co-Investigator 20% effort	2000-2004	Total: \$450,000

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Prior Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
American Cancer Society	Proxy ratings of quality of life in patients with hepatocellular carcinoma	PI 20% effort	2002-2004	Total: \$15,000
Pittsburgh Mind Body Center	Adjustment to lung cancer	Co-I 5% effort	2002-2004	Total: \$15,000
Department of Defense	Psychological Sequelae of Tamoxifen	Co-Investigator 5% effort	2002-2005	Total: \$700,000 Indirect: 364,000 Direct: \$336,000
Pittsburgh Mind Body Center	The role of psychosocial factors on immune system functioning in patients with hepatocellular carcinoma	PI 30% effort	2002-2004	Total: \$15,000
Dean's Entrepreneurial Fund	Medical Research Website Wizard	Co-Investigator 5% effort	2006	Total: \$37,000
Astellas Pharma US, Inc.	Meta-Analysis of Adherence Outcomes in Pediatric Transplantation	Co-Investigator 0% effort	2007-2008	Total: \$6100
International Transplant Nurses Society	Meta-Analysis of Adherence Outcomes in Solid Organ Transplantation	Co-Investigator 0% effort	2007-2008	Total: \$2500

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Prior Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
National Cancer Institute K07CA118576	Comprehensive Electronic Support System for Treatment of Cancer-Related Symptoms	PI 80% effort	2006-2010	Total: \$657,867 Direct: \$526,293 Indirect: \$131,573
National Cancer Institute R21CA127046	Analysis of the cytokine-immunological model of cancer	PI 20% effort	2008-2009	Total: \$374,963 Direct: \$241,911 Indirect: \$133,051
National Cancer Institute K07CA118576 (Administrative Supplement)	Comprehensive Electronic Support System for Treatment of Cancer Related Symptoms	PI 0% effort	2012-2013	Total: \$98,877 Direct: \$63,781 Indirect: \$35,085
Biocompatibles, UK Ltd	LC drug eluding bead for regional chemoembolization to downstage unresectable hepatocellular carcinoma to liver transplantation	Co-Investigator 5% effort	2008-2010	Total: \$11,938
Bayer	Phase II trial of transcatheter arterial chemoembolization (TACE) plus oral sorafenib (BAY 43-9006 Nexavar) for unrecsectable hepatocellular carcinoma	Co-Investigator 5% effort	2008-2010	Total: \$498,000 Direct: \$321,290 Indirect: \$176,709

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Prior Grant Support:

Funding Agency	Title	Role	Year(s)	Amount
Pearson Inc.	Validation of the MBMD in transplant candidates	PI 0% effort	2011-2013	Total: \$7596
Starz Transplant Institute	Host-Donor Immunity in patients diagnosed with hepatitis C undergoing orthotopic liver transplantation	PI 0% effort	2008-2013	Total: \$5000
Northwestern University subcontract	Pain symptoms of hepatocellular carcinoma patients: Qualitative research to assess content validity of existing patient-reported pain items and analysis of pain items from the FACT-Hepatobiliary Symptom Index	Co-Investigator 20% effort	2013-2015	Total: \$137,147
National Cancer Institute R01CA138635	Multiple Tumor Antigen-Loaded DC Vaccine for Hepatocellular Cancer	Co-Investigator 5% effort	2010-2014	Total: \$2,100,000 Direct: \$582,809 Indirect: \$289,714

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Prior Grant Support:

National Cancer Institute R01CA176809	Biobehavioral pathways linking stress and cancer progression	PI 20% effort	2012-2016	Total: \$1,254,594 Direct: \$844,856 Indirect: \$409,738
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Department Funded Clinical Trials:

Funding Agency	Title	Role	Year(s)	Amount
Department of Orthopedic Surgery	Psychological correlates of sustained HPA-axis and immune system dysregulation in blunt force trauma	PI 0 effort	2009-2012	Total: \$1000
Department of Radiology	Stereotactic Body Radiation Therapy (SBRT) with TACE for patients with HCC Stereotactic Body Radiation Therapy (SBRT) with TACE for patients with HCC	Co-Investigator 5% effort	2008-2010	Total: Not Applicable

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OTHER RESEARCH RELATED ACTIVITIES

Editorial Board

2012-present	ISRN Hepatology
2008-present	International Journal of Interferon, Cytokine, and Mediator Research
2008-present	Journal of Pain Research
2007-present	Epistemo-Somatica
2017-present	International Journal on Gastrointestinal Cancers

Extramural Grant Reviewer

2005-2007	Starzl Transplantation Institute Young Investigator Award
2007	The Broad Foundation
2008	National Cancer Institute: Behavioral Medicine, Interventions & Outcomes
2008	National Cancer Institute: Risk Prevention and Health Behavior Integrated Review Group
2009	National Institute of Nursing Research: Interventions at the End of Life
2011-2018	Hong Kong Research Council
2013, 2017	Dutch Cancer Society
2013	Marie Curie Cancer Care (UK)
2014	National Cancer Institute: Career Development Grants
2014	National Institute of Nursing Research: Self-Management Center Grants
2015	National Institute of Nursing: Palliative Care and End of Life Interventions
2016	National Cancer Institute Special Emphasis Panel
2017	Scientific Advisory Board
2018	National Cancer Institute Study Section on Health in Low to Middle Income Countries
2018	Palliative Care Research Cooperative
2018	NIH Director's Early Independence Award Review
2019	National Institute of Health Clinical management of Patients in Community-Based Settings Study Section
2019	National Institute of Nursing Research Clinical Trial Planning Grant

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Journal Referee:

Psychology and Health; Health Psychology, Journal of Health Psychology; American Journal of Transplantation; Canadian Medical Association Journal; Supportive Care in Cancer; Injury; Cancer Control Journal; Psycho-oncology; Clinical Transplantation; Cancer Treatment Reviews; Journal of Psychosomatic Research; Genomics Biology; journal of Consulting and Clinical Psychology; British Medical Journal; American Journal of Kidney Disease; Health and Quality of Life Outcomes; Annals of Behavioral Medicine; Digestive Diseases and Sciences; Journal of Behavioral Medicine; Cancer; Quality of Life Research; Child Abuse and Neglect; AIDS; AIDS Care: Psychological & Socio-Medical Aspects of AIDS/HIV; American Journal of Public Health; Journal of Applied Social Psychology; Psychology and Health: An International Journal; Translational Behavioral Medicine

LIST of CURRENT RESEARCH INTERESTS

- Psychoneuroimmunology
- Quality of Life
- Development of interventions for patients with chronic illness and their caregivers
- Psychological and behavioral factors and their influence of morbidity and mortality

INVITED SEMINARS AND LECTURESHIPS

Local

2006	Caring for the Terminally University of Pittsburgh School of Medicine; Starzl Transplantation Institute Nursing Staff. Pittsburgh, PA.
2007	Caring for the Terminally University of Pittsburgh School of Medicine; Starzl Transplantation Institute Support Staff. Pittsburgh, PA (2007).
2014	Psychological and Health Consequences of Traumatic Injury (and EMS). Western Pennsylvania annual EMS update. Seven Springs, PA
2016	The Independent Living Donor Advocate. University of Pittsburgh Medical Center; Department of Care Coordination. Pittsburgh, PA.
2016	Transplant Ethics. University of Pittsburgh Medical Center; Department of Care Coordination. Pittsburgh, PA.
2017	University of Pittsburgh Cancer Institute's (UPCI) Biobehavioral Oncology Program Poster Competition Judge for the UPCI Retreat. Pittsburgh, PA
2018	Physical activity and cancer. American Cancer Society Relay. Pittsburgh PA.
2018	Living Liver Donor Advocacy, UPMC Transplant Hepatology Fellows Seminar
2019	Predictors of Metabolic Syndrome in Cancer Caregivers, Biobehavioral Oncology, University of Pittsburgh Cancer Institute

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- 2018 Bioethics of living donation. Ethics Committee, Mercy Hospital, Pittsburgh PA.
- 2018 Sleep problems in advanced cancer patients and their family caregivers. Grand Rounds. Sleep and Circadian Rhythms. Pittsburgh, PA
- 2018 Ethical Considerations of Living Liver Donors. Hepatology Fellows
- 2019 Center for Excellence in Behavioral Medicine Research. Association of Women Surgeons: Pittsburgh Chapter
- 2019 Shaping the Future: Models of Integrated Care at UPMC

Regional

- 2017 Ethical Considerations of Live Donors. 2017 Update in Abdominal Transplantation Medicine and Surgery.
- 2019 Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. Hematology Oncology Associates.
- 2019 Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. Oncology Hematology Associates.

National

- 1997 Social Networks as a determinant of sexual behavior in middle childhood. Presented as a roundtable discussion at the Society for the Scientific Study of Sex Conference. Arlington, Virginia (1997).
- 2006 Co-chair for Psychological and Person Factors in Health and Behavior Change. San Francisco, CA.
- 2007 Co-Chair session entitled Psychological and Person Factors in Health and Behavior Change Track at the 2007 Annual Meeting for the Society of Behavioral Medicine, Washington, DC.
- 2008 Roundtable discussion regarding the Institute of Medicine's (IOM) recommendation on quality and implementation of psychosocial care in oncology. American Psycho-Oncology Society. Irvine, California.
- 2008 Second Annual Summit on Behavioral Telehealth: Technology for Behavior Change and Disease management. Harvard University. Boston, Massachusetts.
- 2011 Second Annual Thought Leaders Conference on Minimally Invasive Pancreatic Surgery. Pittsburgh, PA.
- 2011 A national survey of living donor advocates. Invited lecture for a *Department of Health and Human Services* webinar.

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- 2012 Meta-analysis of the efficacy of interventions for depressive symptoms in adults diagnosed with cancer. In S. Sheinfeld-Gorin (Chair). A tale of three systematic reviews: What have we learned about reducing pain, depression, and fatigue among cancer survivors? Symposium. Society for Behavioral Medicine. New Orleans, LA (2012).
- 2014 Biobehavioral pathways linking stress and cancer progression. National Institute of Health Stress and Sleep: Integration of Behavioral, Social, Environmental and Physiological Processes. National Institute of Health. Rockville, MD.
- 2014 Patient related factors and caregiver stress and depression in advanced cancer. Society for Behavioral Medicine, Philadelphia, PA.
- 2015 Sleep problems in advanced cancer patients and their spousal and intimate partner caregivers. Fred Hutch Cancer Center, Seattle, WA.
- 2015 Invited to attend the Palliative Care Research Cooperative: A national network to advance end of life and palliative care science. Rockville, MD.
- 2015 Moderator for the American Society of Transplantation Education and Clinical Tools for the Independent Living Donor Advocate webinar series: Navigating the ILDA Role: Challenges and Responsibilities. Arlington, VA
- 2015 Moderator for the American Society of Transplantation Education and Clinical Tools for the Independent Living Donor Advocate webinar series: Medical Ethics: Concepts and ILDA Practice. Arlington, VA
- 2016 Moderator of Distress Screening-Embedding Screening throughout Cancer Care Delivery Systems. American Psycho-Oncology Society. San Diego, CA.
- 2017 Society for Behavioral Medicine poster session mentor. Washington DC.
- 2019 Innovative Translational Research Approaches to Enhance Cancer Caregivers' Health, Atlanta GA.
- 2019 Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. Center for Medicare and Medicaid, Innovation Center.
- 2019 Stepped Collaborative Care Intervention for Patients Diagnosed with Comorbid Cancer and Depression. National Cancer Institute.

International

- 2005 American University in Cairo; Forced Migration and Refugees Studies. The consequences and Benefits of Pre-Emigration Trauma and Post Migration Stress. Cairo, Egypt.
- 2011 The independent and cumulative effects of caregiving and bereavement on health. Antalya, Turkey.

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- 2011 Dyadic functioning in advanced cancer patients and their family caregivers. Antalya, Turkey.
- 2011 Depressive symptoms and life satisfaction among bereaved cancer caregivers. A longitudinal investigation. Antalya, Turkey.
- 2013 A national survey of living donor advocates. Invited lecture at the Istituto Mediterraneo per i Trapianti e Terapie adAlta Specializzazione. Palermo, Italy.
- 2013 The role of depression in the immodulation of depression. Invited lecture for the Istituto Mediterraneo per i Trapianti e Terapie ad Alta Specializzazione, Palermo Italy (2013).
- 2013 A national survey of living donor advocates. Invited lecture at the International Transplant Nurses Society. Florence, Italy.
- 2014 Gender and age differences in sleep problems in advanced cancer patients. International Psycho-Oncology Society. Lisbon, Portugal.
- 2014 Depression, inflammation in the tumor microenvironment, and survival in advanced cancer. Third International Conference on Tumor Microenvironment and Cellular Stress: Signaling, Metabolism, Imaging and Therapeutic Targets, Mykonos, Greece.
- 2015 Moderator for the International Society for Traumatic Stress Studies 31st Annual Conference. Biomedical and Genetics Paper Session. New Orleans, LA.
- 2016 Symposium: Post traumatic growth and spirituality: Psychological and immunological correlates. Psycho-oncology. San Diego, CA
- 2016 The underlying biological mechanisms linking psychological factors and mortality. International Association of Surgeons, Gastroenterologists, and Oncologists. Seoul, Korea.

Media

- 2012 KDKA radio interview with Rick Bergman. Joe Paterno died of a broken heart. Pittsburgh, PA.
- 2016 Steel JL. The Development of Practice Guidelines for Independent Living Donor Advocates Interview for Healthcare Business Insights.
- 2016 Advocating for Donor Decisions. University of Pittsburgh Medical Center's First Friday. Pittsburgh, PA.
- 2017 Living Donor Advocacy. University of Pittsburgh Medical Center OnTopic video. Pittsburgh, PA
- 2017 Cancer patients show symptom improvements using web-based collaborative care intervention. American Psychosomatic Society Press Release. Seville, Spain.

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- 2018 Physical inactivity and alcohol use after diagnosis of gastrointestinal cancer predicts poorer survival. Interview for the ASCO Post
- 2018 Living liver donation. O (Oprah) Magazine. November 2018

SERVICE

University and Medical School Service

- | | |
|--------------|--|
| 1991-1994 | Member, Clinical Policy Committee: Student representative |
| 1991-1993 | Member, Search Committee for the Health and Wellness Director |
| 1992-1995 | Senator, Graduate and Professional Student Association |
| 1993-1995 | Chair, Presidential Committees for WSU Wellness Committee |
| 1994-1995 | Member, Ethics Committees at Rush Presbyterian-St. Luke's |
| 1996-1998 | Member, Psychosexual Assessment Core at Columbia University |
| 2001-2003 | Member, Institutional Review Board: University of Pittsburgh |
| 2001-present | Member, Western Psychiatric Institute Scientific Review Committee |
| 2003-present | Member of the Center for Research in Chronic Diseases |
| 2007-2018 | Interviewer, UPSOM Admissions Interviewing Committee |
| 2014-present | Member, Race and Social Problems Advisory Panel for Health |
| 2019-present | University of Pittsburgh's Medical Center Physician Wellness Committee |
| 2019-present | University of Pittsburgh Medical School Admission Committee |

National Service

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| Society for Behavioral Medicine | 2001-present |
| Chair of Special Interest Group Council (Board Member) | 2002-2008 |
| Membership and Program Committee Liaison | 2002-2008 |
| Ad Hoc Governance Committee | 2007-2009 |
| Practice Journal Working Group | 2008-2009 |
| Nominations Committee | 2008-2009 |
| Alliance for Quality Psychosocial Cancer Care | 2008-present |
| Research and Standard of Care Committees | |
| National Kidney Foundation | 2010-present |
| Executive Council of Professional Living Donor Advocates | |

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United Network of Organ Sharing Ethics Committee Region 2 Representative	2014-2017
Palliative Care Research Cooperative	2015-present
American Transplant Society Education and Clinical Tools for ILDA webinar series	2016-2017
National Living Donor Assistance Center Advisory Board	2017-present

CLINICAL SERVICE

1990 to 1991	Milieu therapist Service Alternatives Renton WA
1991 to 1992	Outreach Coordinator Washington State University's Wellness Resource Center Pullman WA
1992 to 1992	Testing technician Pullman School District Pullman WA
1992 to 1994	Therapist Counseling Services (APA accredited internship site) Washington State University
1992 to 1992	Testing technician Broadmoor Hospital Crowthorne, UK
1993 to 1995	Consultant Washington State University's Medical Psychology Services Pullman, WA
1994 to 1994	HIV Prevention Group Co-Facilitator Washington State University Pullman, WA

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1994 to 1994	Therapist Northwest's Children's Home Lewiston, ID
1994 to 1995	Director, Outpatient Behavioral Medicine Clinic Pullman Regional Hospital Pullman, WA
1994 to 1995	Consultant Transplant and Oncology Sacred Heart Medical Center Spokane, WA
1995 to 1996	Behavioral Medicine Service Rush-Presbyterian St. Luke's Medical Center Chicago, IL
1996 to 1998	Consultant Psychoendocrine Clinic Columbia Presbyterian Medical Center New York, NY
1997 to 1998	Group Therapist Special Needs Clinic Columbia Presbyterian Medical Center New York, NY
1998 to 1999	Consultant Psychiatric Clinic Falun, Sweden
1999 to 2002	Co-Director and Consultant Behavioral Medicine and Oncology University of Pittsburgh Cancer Institute Pittsburgh, PA
2002 to present	Consultant for Division of Hepatobiliary and Pancreatic Surgery University of Pittsburgh's Department of Surgery Pittsburgh PA

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2006 to 2007	Consultant Shadyside Nursing and Rehabilitation Pittsburgh PA
2008 to present	Director, Center for Excellence in Behavioral Medicine University of Pittsburgh's Department of Surgery Pittsburgh PA
2008 to present	Independent Living Donor Advocate University of Pittsburgh Medical Center Division of Transplantation Pittsburgh PA
2008 to present	Independent Living Donor Advocate University of Pittsburgh's Medical Center Children's Hospital Pittsburgh PA
2009 to 2010	Consultant for Hand Transplant University of Pittsburgh's Department of Surgery Pittsburgh PA
2009 to 2012	Consultant for Pancreatectomy and Auto Islet Transplant University of Pittsburgh's Department of Surgery Pittsburgh PA