

CURRICULUM VITAE

HOBART W. HARRIS, MD, MPH, FACS

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EDUCATION:

1975-1979	Harvard College, Cambridge, MA	A.B.	Biology, <i>magna cum laude</i>
1979-1983	Harvard Medical School, Boston, MA	M.D.	Medicine, <i>cum laude</i>
1983-1984	Harvard School of Public Health, Boston, MA	M.P.H.	General Studies
1984-1985	University of California, San Francisco	Intern	Surgery
1985-1993	University of California, San Francisco	Resident	Surgery
7/93-12/93	University of Hong Kong, Queen Mary Hospital, Hong Kong, P.R.C.	Fellowship	Hepatobiliary Surgery
2/05-7/05	University of Louisville, Louisville, KY	Fellowship	ERCP

EMPLOYMENT HISTORY:

2002-present	University of California, San Francisco	Professor of Surgery
2002-2020	University of California, San Francisco	Chief, Division of General Surgery
2002-2008;	University of California, San Francisco	Vice Chair, Department of Surgery
2013-2018	University of California, San Francisco	Vice Chair, Department of Surgery
2000-2002	University of California, San Francisco	Associate Professor of Surgery
1994-2000	University of California, San Francisco	Assistant Professor of Surgery
7/93-12/93	University of Hong Kong, Queen Mary Hospital	Honorary Clinical Associate
2016-2017	Zuckerberg San Francisco General Hospital & Trauma Center	Acting Chief of Surgery

LICENSES AND CERTIFICATIONS:

1986	Medical license, California (No. G57599)
1994	Certified, American Board of Surgery (No. 38995)
2003	Re-Certified, American Board of Surgery
2014	Re-Certified, American Board of Surgery

HONORS AND AWARDS:

1976	John Harvard Scholarship (academic scholarship)
1984	National Medical Foundation Fellowship (academic scholarship)
1988 - 1991	National Research Service Fellowship Award (F32, Department of Health and Human Services Research Grant)
1989 - 1992	Achievement Reward for College Scientists (ARCS, private research grant)
1990	Alpha Omega Alpha (Medical Honors Society), elected to San Francisco Chapter in 1990
1991	Resident Research Award, Department of Surgery, University of California, San Francisco
1993	House Staff Teaching Award, University of California, San Francisco Medical School Class of 1993
1994 - 1998	Robert Wood Johnson Minority Medical Faculty Development Program Fellowship

HONORS AND AWARDS (Continued):

- 1994 - 1999 TOP Award, University of California, San Francisco
1995 - 1997 American College of Surgeons Faculty Fellowship
1998 Clinical Faculty Teaching Award, IUCSF Medical School, Class of 1998
1999 Teaching Award, University of California, San Francisco Medical School, Black Health Alliance
2000 Royal College of Surgeons Traveling Fellowship
2003 James IV Traveling Fellowship
2004 Kaiser Teaching Award, Clinical Faculty, UCSF School of Medicine Class of 2004
2006 Nominated, Kaiser Teaching Award, Clinical Faculty, UCSF School of Medicine Class of 2006
2008 J. Englebert Dunphy Chair in Surgery (endowed chair)
2011 Mentorship Award, UCSF Department of Surgery Chief Resident Class of 2011
2011 Catalyst Award, UCSF Clinical & Translational Science Institute & Catalyst Program of Innovation Ventures
2013 Bridging the Gap Award, QB3 & Rogers Family Foundation
2013 Lim/Thomas Faculty Teaching Award, UCSF Department of Surgery, Chief Resident Class of 2013
2014 Teaching Award, UCSF Department of Surgery Chief Resident Class of 2014
2014 Rosenman Institute Innovation Award, QB3 & UCSF Department of Surgery
2015 Lim/Thomas Faculty Teaching Award, UCSF Department of Surgery, Chief Resident Class of 2015
2015 Excellence in Teaching Award, Haile T. Debas Academy of Medical Educators
2017 Catalyst Award, UCSF Clinical & Translational Science Institute & Catalyst Program of Innovation Ventures
2019 Nominated for the Academic Senate Distinction in Mentoring Award
2019 Gold-Headed Cane Faculty Award
2020 Medical Student Teaching Award, UCSF Department of Surgery
2021 Cracchiolo Visiting Professor, University of Florida, Department of Surgery
2021 Roland S. Philip Surgical Innovations Visiting Professor, Cleveland Clinic, Department of General Surgery
2022 Daniel M. Caruso Visiting Professor, Creighton Phoenix Department of Surgery
2022 Winfield L. Butsch Memorial Lecturer, University at Buffalo Department of Surgery
2023 George Washington Carver Innovation Award, t.Lab 10th Annual Black Tie Ball, Kettering Institute, Flint, MI
2023 Excellence in Mentoring Award for 2023 from the Haile T. Debas Academy of Medical Educators

MEMBERSHIPS:

- 1994 Naffziger Society
1994 – 2009 Association for Academic Surgery
1995 Society for Surgery of the Alimentary Tract
1996 Society of Black Academic Surgeons
1996 – 2015 International Endotoxin Society
1997 American College of Surgeons, Fellow
1997 San Francisco Surgical Society
1997 Surgical Infection Society
1997 Shock Society
2000 – 2020 Society of University Surgeons
2000 – 2022 American Hepato-Pancreato-Biliary Association

MEMBERSHIPS (Continued):

2000	Pacific Coast Surgical Association
2002	International Hepato-Pancreato-Biliary Association
2005	American Surgical Association
2006	Surgical Biology Club I
2007	James IV Association of Surgeons, Inc.
2011	American Hernia Society

PROFESSIONAL COMPETENCE:

National/International (selected presentations)

- Forum on Fundamental Surgical Problems, American College of Surgeons, October 23-28, 1988 (oral presentation), Chicago, IL.
- Sixtieth Annual Meeting of the Pacific Coast Surgical Association, February 22, 1989 (oral presentation), Vancouver, Canada.
- Thirty-Second Annual University Surgical Resident's Conference, Society of University Surgeons, February 10, 1990 (oral presentation), Los Angeles, CA.
- 1990 AAP/ASCI/AFCR National Meeting, Washington, D.C., May 4-7, 1990 (poster)
- St. Joseph's Hospital, "Hepatic Resections: Total Vascular Exclusion", Department of Surgery, April 2, 1995, Houston, TX.
- University of California, San Francisco, Grand Rounds "Surgical Management of Benign Liver Tumors", Department of Medicine, Division of Gastroenterology, October 18, 1995, San Francisco, CA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Recurrent Pyogenic Cholangitis", April 25, 1996, San Francisco, CA.
- Forum on Fundamental Surgical Problems, American College of Surgeons, October 6-11, 1996 (oral presentation), San Francisco, CA.
- Fourth Conference of the International Endotoxin Society, Nagoya, Japan, October 22-25, 1996 (poster)
- Fourth International Congress on The Immune Consequences of Trauma, Shock and Sepsis, Munich, Germany, March 4-8, 1997 (oral presentation)
- Fifty-Seventh Annual Meeting of the American Association for the Surgery of Trauma, Waikoloa, HI, September 24-27, 1997 (poster)
- Forum on Fundamental Surgical Problems, American College of Surgeons, Chicago, IL, October 12-17, 1997 (oral presentation)
- Black Lion Hospital, Medical Director's Office, "Introduction to Laparoscopic Surgery", May 7, 1996, Addis Ababa, Ethiopia.
- St. Joseph's Hospital, Department of Surgery, "Necrotizing pancreatitis," April 8, 1999, Houston, TX.
- University of California, San Francisco, General Surgery Postgraduate Course, "Surgical Management of Necrotizing Pancreatitis", April 22, 1999, San Francisco, CA.
- University of California, Fresno, Department of Surgery, "Acute Pancreatitis," October 11, 1999, Fresno, CA.
- International Gastro-Surgical Club, 9th World Congress, "Necrotizing Pancreatitis: Surgical Approaches," October 19-23, 1999, Nagasaki, Japan.
- East Bay Surgical Society, "Acute pancreatitis, medical and surgical management," November 30, 1999, Oakland, CA.
- Glasgow Royal Infirmary, Department of Surgery, "Hepatic Lipoproteins and Sepsis," October 19, 2000, Glasgow, Scotland.
- Glasgow Royal Infirmary, Department of Surgery, "Necrotizing Pancreatitis," October 20, 2000, Glasgow, Scotland.
- General Infirmary at Leeds, Department of Surgery, "Surgical Management of Necrotizing Pancreatitis," October 24, 2000, Leeds, England.

- University of Liverpool, "Necrotizing Pancreatitis: Controversies in Management," October 25, 2000, Liverpool, England.
- Imperial College School of Medicine, The Hammersmith Hospital, "Molecular Pathogenesis of Acute Pancreatitis," October 27, 2000, London, England.
- University of California, San Francisco, Department of Surgery, "Integrated Soft Tissue Infection Services," May 9, 2001, San Francisco, CA.
- University of California, Davis-East Bay, Department of Surgery, "Integrated Soft Tissue Infections Services," August 23, 2001, Oakland, CA.
- Edinburgh Royal Infirmary, Department of Surgery, "Endogenous lipoproteins attenuate the response to endotoxin in humans," September 18, 2001, Glasgow, Scotland.
- Marin General Hospital, Committee on Continuing Medical Education, "Abdominal Sepsis," December 18, 2001, Marin, CA.
- O'Connor Hospital, Committee on Continuing Medical Education, "Necrotizing Pancreatitis," January 29, 2002, San Jose, CA.
- University of Texas-Southwestern, Department of Surgery, "Lipoproteins as Agents of Innate Immunity," March 20, 2002, Dallas, TX.
- University of Arizona, Department of Surgery, "Surgical Management of Necrotizing Pancreatitis," April 3, 2002, Tucson, AZ.
- University of California, San Francisco, General Surgery Postgraduate Course, "Abdominal Sepsis," April 13, 2002.
- O'Connor Hospital, Committee on Continuing Medical Education, "Soft Tissue Infections," June 11, 2002, San Jose, CA.
- Twenty-fifth Annual Meeting of the Shock Society, "Lipopolysaccharide and Toll-like Receptors," Big Sky, MT, June 8-11, 2002.
- Seventh Biennial Conference of the International Endotoxin Society, "Lipemia of Sepsis: triglyceride-rich lipoproteins as agents of innate immunity," Arlington, VA, July 17-21, 2002.
- University of California, San Francisco, Department of Surgery, "The Three Princes of Serendip and the Pancreas," January 22, 2003, San Francisco, CA.
- Thirty-second Critical Care Congress, Society of Critical Care Medicine, "Lipoproteins as therapeutic agents," San Antonio, TX, January 28-February 2, 2003.
- University of California, San Francisco, General Surgery Postgraduate Course, "Diagnosis and Staging of Acute Pancreatitis: Beyond the Ranson Criteria", April 4, 2003, San Francisco, CA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Gallstone Pancreatitis", April 5, 2003, San Francisco, CA.
- Seventh Biennial Congress of the Asian Society of Hepato-biliary Pancreatic Surgery, "Summary review of pancreatic head resections at UCSF from 1990-2003," Chennai, India, August 28-31, 2003.
- Seventh Biennial Congress of the Asian Society of Hepato-biliary Pancreatic Surgery, "Surgical management of necrotizing pancreatitis," Chennai, India, August 28-31, 2003.
- University of California, San Francisco, Department of Surgery, "Pancreaticoduodenectomy: An Analysis of a Complex Procedure," December 3, 2003, San Francisco, CA.
- International Sepsis Forum, "Triglyceride-rich Lipoproteins as Agents of Innate Immunity," June 1, 2004, Cambridge, England.
- ASSA-SAGES 2004 Congress, "Recurrent pyogenic cholangitis," Cape Town, South Africa, August 6-10, 2004.
- ASSA-SAGES 2004 Congress, "The surgical management of necrotizing pancreatitis," Cape Town, South Africa, August 6-10, 2004.
- University of Witwatersrand, Department of Surgery, "Pancreaticoduodenectomy: indications and outcomes," August 17, 2004, Johannesburg, South Africa.
- Cho Ray Hospital, University of Medicine and Pharmacy at Hochiminh City, "Surgical management of necrotizing pancreatitis," October 12, 2004, Hochiminh City, Vietnam.
- First Open Laparoscopic and Endoscopic Congress, University of Medicine and Pharmacy at Hochiminh City and Hoan My Hospital, "Laparoscopic cystgastrostomy," October 15, 2004, Hochiminh City, Vietnam.
- Hoan My Hospital Da Nang, "Laparoscopic cystgastrostomy," October 18, 2004, Da Nang, Vietnam.

University of California, San Francisco, Department of Surgery, "Exporting Surgical Excellence for Whipple Resection – Refinement of the Leapfrog Initiative," December 8, 2004, San Francisco, CA.

University of California, Davis-East Bay, Department of Surgery, "Surgical Disease of the Pancreas," January 13, 2005, Oakland, CA.

Sutter Delta Medical Center, "Pancreatic Cancer," January 3, 2006, Antioch, CA.

University of California, Davis-East Bay, Department of Surgery, "Systemic Manifestations of Pancreatitis," February 2, 2006, Oakland, CA.

Alameda Hospital, "Abdominal Sepsis," February 13, 2006, Alameda, CA.

Doctors Medical Center, "Acute Pancreatitis: Medical and Surgical Management," February 15, 2006, Modesto, CA.

Pittsburgh Surgical Society, "ISIS: Lessons Learned from Egypt to Black Tar Heroin," March 7, 2006, Pittsburgh, PA.

University of Pittsburgh, Department of Surgery, "Severe Acute Pancreatitis," March 8, 2006, Pittsburgh, PA.

St. Rose Hospital, "Hepatobiliary Tumors: Benign Tumors of the Liver," April 17, 2006, Hayward, CA.

Marin General Hospital, "Abdominal Sepsis," May 16, 2006, Marin, CA

Palm Drive Hospital, "Severe Acute Pancreatitis," May 17, 2006, Sebastopol, CA.

St. Joseph's Hospital of Stockton, "Abdominal Sepsis," October 17, 2006, Stockton, CA.

Sonoma Valley Hospital, "Severe Acute Pancreatitis," November 30, 2006, Sonoma, CA.

University of California, San Francisco, General Surgery Postgraduate Course, "Chronic Pancreatitis and Islet Autotransplantation", March 22, 2007, San Francisco, CA.

University of California, San Francisco, Department of Surgery, "UCSF Surgical Hospitalist Program," April 25, 2007, San Francisco, CA.

Hershey Medical Center, Penn State University, "Triglyceride-rich Lipoproteins and Microbial Immunity," May 3, 2007, Hershey, PA.

West Virginia University Medical Center, Department of Surgery, "Lipoproteins and Microbial Immunity," August 15, 2007, Morgantown, WV.

Association for Academic Surgery, 18th Fundamentals of Scientific Research Course, "Nuts and Bolts of Scientific Writing," October 5, 2007, New Orleans, LA.

Surgical Biology Club I, "Apolipoprotein E and Microbial Immunity," October 7, 2007, New Orleans, LA.

Novato Community Hospital, "Gallstone Disease," November 5, 2007, Novato, CA.

University of California, San Francisco, Department of Surgery, "Lipoproteins & Microbial Immunity," March 26, 2008, San Francisco, CA.

University of California, San Francisco, General Surgery Postgraduate Course, "Intestinal Obstruction", March 28, 2008, San Francisco, CA.

University of Kansas, Department of Surgery, "Surgical Management of Severe Acute Pancreatitis," May 20, 2008, Kansas City, KS.

University of California, San Francisco, General Surgery Postgraduate Course, "Evolution of Hernia Mesh", March 19, 2009, San Francisco, CA.

University of California, San Francisco, General Surgery Postgraduate Course, "Complex Ventral Hernia Repair", March 19, 2009, San Francisco, CA.

University of California, San Francisco, "African American Health Disparities," September 16, 2008, San Francisco, CA.

University of California, San Francisco, General Surgery Postgraduate Course, "Complex Ventral Hernias", April 30, 2010, San Francisco, CA.

San Francisco General Hospital Department of Surgery, Grand Rounds, "HPB Surgery at SFGH," February 16, 2011, San Francisco, CA.

University of California, San Francisco, General Surgery Postgraduate Course, "Postoperative Ileus", March 20, 2011, Maui, HI.

University of California, San Francisco, General Surgery Postgraduate Course, "Acute Renal Failure; Management Update", March 20, 2011, Maui, HI.

University of California, San Francisco, General Surgery Postgraduate Course, "Acute Appendicitis; What's New with and Old Foe", March 21, 2011, Maui, HI.

- University of California, San Francisco, General Surgery Postgraduate Course, "Enterocutaneous Fistulas," March 21, 2011, Maui, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Open Ventral Hernia Repair," March 21, 2011, Maui, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Severe Acute Pancreatitis," March 22, 2011, Maui, HI.
- University of California, Davis-East Bay, Department of Surgery, "Surgical Response to the Surviving Sepsis Campaign," July 21, 2011, Oakland, CA.
- American College of Surgeons, panelist, "Maximizing the Future of Surgical Leadership." October 24, 2011, San Francisco, CA.
- Sixtieth Annual Meeting of the Louisiana Chapter of the American College of Surgeons and Surgical Association of Louisiana, "Enterocutaneous Fistulas," January 21, 2012, New Orleans, LA.
- East Bay Surgical Society, "Complex Ventral Hernias," February 9, 2012, Oakland, CA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Early Goal Directed Therapy: Surviving Sepsis", March 25, 2012, Oahu, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Negative Wound Pressure Therapy", March 26, 2012, Oahu, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Ventral Hernia Repair: the Prosthetic Jungle", March 26, 2012, Oahu, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Massive Ventral Hernias," March 26, 2012, Oahu, HI.
- Tulane University School of Medicine, Department of Surgery Grand Rounds, "Management of Severe Acute Pancreatitis," June 1, 2012, New Orleans, LA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Human Microbiome and Surgery", March 24, 2013, Kauai, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Biologic Prosthetics and Beyond", March 25, 2013, Kauai, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Emerging Concepts in Ventral Hernia Repair", March 25, 2013, Kauai, HI.
- University of California, San Francisco, General Surgery Postgraduate Course, "Surgical Management of Severe Acute Pancreatitis", March 26, 2013, Kauai, HI.
- Royal Australasian College of Surgeons 82nd Annual Scientific Congress, "Incisional Hernias – From Simple to Complex", May 7, 2013, Auckland, New Zealand.
- Royal Australasian College of Surgeons 82nd Annual Scientific Congress, "The Challenge of Abdominal Trauma in the Obese Patient", May 8, 2013, Auckland, New Zealand.
- Royal Australasian College of Surgeons 82nd Annual Scientific Congress, "Acute Pancreatitis – an American Perspective", May 8, 2013, Auckland, New Zealand.
- Royal Australasian College of Surgeons 82nd Annual Scientific Congress, "Iatrogenic Bile Duct Injury", May 9, 2013, Auckland, New Zealand.
- University of California, San Francisco, General Surgery Postgraduate Course, "Surgical Management of Severe Acute Pancreatitis", May 17, 2013, San Francisco, CA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Biologic Prosthetics and Beyond", May 18, 2013, San Francisco, CA.
- University of California, San Francisco, General Surgery Postgraduate Course, "Emerging Concepts in Ventral Hernia Repair", May 18, 2013, San Francisco, CA.
- UCSF Naffziger Post Graduate Course, May 17-18, 2013, San Francisco, CA.
- 4th Annual Women in Surgery Career Symposium, June 7-9, 2013, San Francisco, CA
- University of California, San Francisco, Department of Surgery, "Sensors for wound healing and hernia repair," June 3, 2015, San Francisco, CA.
- SAGES 2016 Surgical Spring Week, "Debate: Con-Robot Herniorrhaphy," March 17, 2016, Boston, MA.
- International Symposium on Incisional Hernia Prevention, "Myoseal: enhanced myofascial wound healing," October 20, 2017, San Francisco, CA.

- Second Research Symposium on Incisional Hernia Prevention, “Myoseal: enhanced myofascial wound healing,” November 30, 2017, Barcelona, Spain.
- Korle Bu Teaching Hospital, Department of Surgery, “Incisional hernia management and prevention,” Thursday, February 22, 2018, Accra, Ghana.
- Korle Bu Teaching Hospital, Department of Surgery, “Incisional hernia prevention,” Friday, February 23, 2018, Accra, Ghana.
- International Hernia Congress, “Infiltrating research funding: a guide to grant funding from local sources to the NIH,” March 13, 2017, Miami, FL.
- International Hernia Congress, “Hernia prevention and management: what is important to patients?” March 14, 2017, Miami, FL.
- 41st Annual International Congress of the European Hernia Society, “Preventing recurrence in clean and contaminated hernias (PRICE): a randomized trial of biologic versus synthetic mesh in ventral hernia repair.” September 13, 2019, Hamburg, Germany.
- Americas Hernia Society 2020 Meeting – moderated Q&A Session moderator, recorded September 10, 2020. (*virtual*)
- European Colorectal Congress, “Incisional Hernia Prevention Virtual Roundtable,” November 30 – December 2, 2020. (*virtual*)
- International Journal of Abdominal Wall and Hernia Surgery 2020 Annual Meeting, “Preventing recurrence in clean and contaminated hernias (PRICE): a randomized trial of biologic versus synthetic mesh in ventral hernia repair.” December 11-12, 2020. (*virtual*)
- University of Florida, Department of Surgery Grand Rounds, “Biologic Mesh for Ventral Hernia Repair: A Cautionary Tale.” January 22, 2021. (*virtual*)
- University of Houston, Department of Surgery Grand Rounds, “Prevention of Incisional Hernias.” March 3, 2021. (*virtual*)
- Hernia 360 by Medtronic, “Incisional Hernia Prevention in Colorectal Surgery – Meet the Experts,” March 4, 2021. (*virtual*)
- Cleveland Clinic, Department of General Surgery Grand Rounds, “Prevention of Incisional Hernias.” September 1, 2021. (*virtual*)
- 2021 International Symposium on Incisional Hernia Prevention, Oct 2, 2021 (organizer, moderator & speaker; *virtual*)
- 2021 International Symposium on Incisional Hernia Prevention (organizer, moderator & speaker), October 2, 2021 (*virtual*)
- Creighton Phoenix, Department of Surgery Grand Rounds. “Biologic mesh for ventral hernia repair: a cautionary tale.” April 12, 2022, Phoenix, AZ.
- 2022 American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting, “‘To Keep in or Take Out:’ Managing Mesh in an Infected Abdomen.” May 1, 2022, Tampa, FL.
- 2022 Association of Surgeons of Great Britain and Ireland Congress, “Managing Complications in AWR.” May 3, Liverpool, England.
- International Incisional Hernia Prevention Symposium, “The Future of Incisional Hernia Prophylaxis – Politics, Patients and Innovation.” May 6, 2022, Cardiff, Wales.
- Butsch Memorial Lectureship Residents Conference, University at Buffalo, Department of Surgery. “Biologic mesh for ventral hernia repair: a cautionary tale.” September 9, 2022, Buffalo, NY.
- Winfield L. Butsch Memorial Lecture, Department of Surgery Grand Rounds. “Incisional Hernia Prevention: Stop the Bulge.” September 10, 2022, Buffalo, NY.
- American Hernia Society 2022 Meeting, “Hernia prevention through improved wound healing” September 15, 2022, Charlotte, NC.
- NYU Langone Medical Center, “T-Line mesh: an innovation in ventral hernia repair.” January 24, 2023, New York, NY.
- American Hernia Society 2023 Meeting, “Incisional hernia prevention through enhanced wound healing.” September 22, 2023, Austin, TX
- 2nd International Symposium on Incisional Hernia Prevention, Oct 6-7, 2023 (organizer, program chair, and moderator), San Francisco, CA.

2nd International Symposium on Incisional Hernia Prevention, "MYOSEAL: hernia prevention through improved wound healing," October 7, 2023, San Francisco, CA.

UNIVERSITY SERVICE:

Department

1994 - 2019	Research Committee
1994 - 2017	Admissions Committee
1994 - 1997	Surgical Lab Director Search Committee, San Francisco General Hospital
1995 - present	Surgical Education Committee
2000 - 2017	Resident Recruitment Committee
2004 - 2019	Merit and Promotions Committee
2006 - 2017	Faculty Mentoring Facilitator
2009 - 2021	Chief, Red Surgery Service, UCSF
2012 - 2017	Surgical Quality Improvement Committee
2012 - 2021	Program Director, NIH T32 Training Program in Gastrointestinal Surgery
2013 - 2014	Chair, Surgical Oncology Search Committee
2018	Co-Chair, Surgery-Critical Care Task Force
2019 - 2020	Chair, New Technologies Committee
2019	Member, Chief of Cardiothoracic Surgery Search Committee
2019	Chair, Acute Care Surgeon Search Committee
2019	Member, Vice Chair of Education Search Committee

School of Medicine

2000 - 2003	Equal Opportunity Committee
2001 - 2003	Chancellor's Advisory Committee on Diversity
2002 - 2004	Contracting Committee, Co-Chair, UCSF Medical Group
2002 - 2010	Medical School Admissions Committee
2002 - 2005	UCSF Cancer Center Executive Committee
2003 - 2007	Critical Players at Mt. Zion Medical Center
2004 - 2006	Clinical Affairs Committee
2004 - 2011	Task Force on Underrepresented Minorities
2004 - present	Academic Standards Committee
2005 - 2007	Clinical Products Standard Committee
2006 - 2010	Faculty Mentoring Program, Department of Surgery Representative
2006 - 2015	UCSF Healthcare Technology Assessment Program
2007 - 2008	Chancellor's Advisory Committee on Academic Diversity, Steering Committee
2008 - 2010	Chair, Equal Opportunity Committee
2008 - 2012	Student Research Review Committee
2008	School of Medicine Stewardship Review Committee
2009 - 2012	Chancellor's Advisory Committee on Academic Diversity
2011 - 2017	Chair, Academic Standards Committee
2013 - 2014	School of Medicine Space Committee
2013 - 2014	CSB/UCH Renovation Faculty Advisory Committee
2013 - 2019	UCSF, Biologic & Synthetic Mesh Sub-Committee
2015 - 2017	Dean's Diversity Committee
2019 - 2022	Standing Panel for Faculty Misconduct Investigations

Other

1995 - 2001	Advisory Committee, General Clinical Research Center, San Francisco General Hospital
1995 - 1996	Interventional Radiologist Search Committee, San Francisco General Hospital
1995 - 1996	Minimally Invasive Surgery Committee, San Francisco General Hospital
1996 - 1999	Co-Chairman, General Surgery Section, Program Planning Committee, Northern California Chapter, American College of Surgeons
1996 - 1997	Research Committee, San Francisco General Hospital
1996 - 1997	Tissue Committee, San Francisco General Hospital
1997 - 1998	Thoracic/CT Radiologist Search Committee, San Francisco General Hospital
1997 - 1998	Cardiology Search Committee, San Francisco General Hospital
1997 - 2001	Co-Chairman, Cancer Committee, San Francisco General Hospital
2000 - 2001	Co-Medical Director, Integrated Soft Tissue Infection Service (ISIS), SFGH
2001 - 2002	Chief of General Surgery Search Committee, UCSF
2003	Chief of Surgery, San Francisco VA Medical Center, Chair of Search Committee
2004 - 2006	Capacity Solutions Committee, UCSF Medical Center
2007	Director of Academic Diversity, Search Committee
2009	Chief, Division of Gastrointestinal Medicine Search Committee, UCSF

FORMAL SCHEDULED CLASSES FOR UCSF STUDENTS

<u>Date Taught</u>	<u>Course No. & Title</u>	<u>Nature of Contribution</u>	<u>Class Size</u>	<u>Hours per yr.</u>
1994 - 2014	Surgery 110: Core Clinical Surgery Clerkship.	Take students on rounds and discuss cases. Instruction in physical diagnosis and treatment.	4-8	100
1996 - 2009	Medicine 111:	"Fluid Management" (invited lecturer)	140	1.5
1997 - 2003	Medicine 111:	"Surgical Emergencies" (invited lecturer)	140	1.5
1999 - 2003	Medicine 111:	"Acute Pancreatitis" (invited lecturer)	140	1.5
2003 - 2009	Medicine 111:	"Abdominal Emergencies" (invited lecturer)	140	3.0

HOUSE STAFF & FELLOWS

1994 - present	400. General Surgical	Conferences, case presentations, guest Conference, lectures, death and complication discussions.	15	40/yr.
1994 - present	490. Clinical Surgery	Resident teaching and supervision of pre-op, operative and post-op patients	2-4	140/yr.
1994 - 2017	Research	meetings, lectures, data analysis	1-2	150/yr.

<u>GROUP INSTRUCTION</u>	<u>HOURS/YEAR</u>	<u>FROM-TO</u>	<u>DIRECTOR</u>
G.I. Conference	48	1994-2002	John Cello, M.D.
SFGH Complications	75	1994-2002	William Schecter, M.D.
Basic Science Course	02	1994-2014	Ryo Hirose, M.D.
G.I. Radiology Conference	48	1997-2002	Ernest Ring, M.D.
Tumor Board	12	1998-2001	Judy Luce, M.D.
General Surgery (White) Conference	48	2002-2003	Robert Warren, M.D.
General Surgery (Blue) Conference	48	2003-2005	Lawrence Way, M.D.
General Surgery (Red) Conference	48	2005-present	Jonathan Carter, M.D.
GI Radiology Conference	24	2012-2018	Robert Kerlan, M.D.

Informal Teaching:

1994 - now	Surgical Attending	Discuss cases with residents. Teach residents in operating room and clinic.	200/yr.
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Postdoctoral Scholars Supervised

- 1.) Guoshon Su, MD (July 1, 1995 - June 30, 1996)
- 2.) Shyr-Ming Sheen-Chen, MD (July 1, 1996 - June 30, 1998)
- 3.) Zindaba L. Kumwenda, MD (July 1, 1997 – June 30, 2001)
- 4.) Jessica Gosnell, MD (July 1, 1998 - 2000)
- 5.) Brian O. O'Neill, MD (July 1, 1999 - June, 2001)
- 6.) Qiang Liu, MD (July 1, 1999 - June, 2001)
- 7.) Behzad Kasravi, MD, PhD (May 1, 2000 - June 30, 2007)
- 8.) Ines Verdon (July 1, 2001 - December 31, 2001)
- 9.) Austin Spitzer, MD (July 1, 2003 - June 30, 2005)
- 10.) Michael Schell, MD (July 1, 2002 - June 30, 2005)
- 11.) Stephen Dada, MD (July 1, 2004 - June 30, 2005)
- 12.) Kelley Chuang, MD (July 1, 2008 - June 30, 2010)
- 13.) Ian Brown, MD, PhD (July 1, 2010 – June 30, 2012)
- 14.) Natalie Seiser, MD, PhD (July 1, 2010 – June 30, 2012)
- 15.) Frank Primus, MD (July 1, 2010 – June 30, 2013)
- 16.) Carolyn Seib, MD (July 1, 2012 – June 30, 2014)
- 17.) Xiato Xu, MD (July 1, 2013 – June 30, 2014)
- 18.) Chetan Irwin, MD (July 1-2013 – June 30, 2014)
- 19.) Victoria Lyo, MD (July 1, 2014 – June 2016)
- 20.) Tammy T. Chang, MD, PhD (January 2011 - 2016)
- 21.) Jennifer Rose-Nussbaumer, MD (July 1, 2014 - 2019)
- 22.) Carter Lebares, MD (July 2015 – June 2017)
- 23.) Juliet Okoroh, MD (July 2017 – June 2018)
- 24.) Nichole Starr, MD (July 2018 -June 2020)
- 25.) Caitlin Collins, MD (July 2018 - June 2020)
- 26.) Keith Hansen, MD (July 2021 – June 2022)

Graduate Students Supervised

- 1.) Brian Kearney, PharmD (January, 1998--1999)
- 2.) Hiwot Woldeseymayat (September 15, 2011 – June 30, 2014)
- 3.) Amy Liao (April 2014 - May 2018)

Students Supervised

- 1.) Amish Shah (June-August, 1995)
- 2.) Rhawah Ghermay (June-August, 1996)
- 3.) Andrew Ngyuen (June-August, 1998)
- 4.) Crystal Carpino (June-August, 1998; June-August, 2000)
- 5.) Tina Chen (June-August, 2001)
- 6.) Jesus Lozano (June-August, 2002)
- 7.) Anthony Barcia (July 1, 2002-June 1, 2005)
- 8.) Rita A. Mukhtar (May 1, 2004-May 1, 2006)
- 9.) Lorenzo Machado (June 27, 2005-August 19, 2005)
- 10.) Marcus Zachariah (June 27, 2005-August 19, 2005)
- 11.) Ezechinyerem Uzosike (Summer 2007)
- 12.) Jill Tseng (Summer 2007)
- 13.) Arjun Bannerjee (Summer 2008 & 2009)
- 14.) Naftali Presser (Summer 2008)
- 15.) Nancy Hsu (Summer 2008 & 2009)
- 16.) Alexandra Shawo (2008 - 2010)

- 17.) Benjamin Rayikanti (Summer 2011, 2012, 2013, and 2015)
- 18.) Oliver Bellevue (June 2011 – May 2014)
- 19.) Jenette Haerptyan (October 2012 – August 2014)
- 20.) Samuel Zetumer (July 2016 – June 2017)

NON-UNIVERSITY ACTIVITIES:

- 1994 - present Ad Hoc reviewer, JAMA Surgery, Critical Care Medicine, Digestion, Digestive Diseases and Science, Hepatology, Indian Journal of Surgery, Journal of the American College of Surgeons, Journal of the American Medical Association, Journal of Clinical Investigation, Journal of Gastroenterology and Hepatology, Journal of Infectious Diseases, Pharmacology and Toxicology, Surgery and Clinical Infectious Diseases.
- 1995 - 1998 Section Editor, *General Surgery for Advances in Gastroenterology, Hepatology, and Clinical Nutrition*
- 2000 - 2001 Program Director, San Francisco Surgical Society
- 2001 - 2003 Councilor, Association for Academic Surgery
- 2001 - 2008 Committee on Applicants, Northern California Chapter, American College of Surgeons
- 2001 - 2004 Secretary-Treasurer, Northern California Chapter, American College of Surgeons
- 2002 - 2006 Editorial Board, *Journal of Surgical Research*
- 2003 - 2006 Membership Committee, Surgical Infection Society
- 2003 - present Member, Research Advisory Board, Shriners Hospitals for Children
- 2004 President-elect, Northern California Chapter, American College of Surgeons
- 2004 - 2005 Secretary-Treasurer, San Francisco Surgical Society
- 2005 President, Northern California Chapter, American College of Surgeons
- 2005 - 2008 Clinical Councilor, Shock Society
- 2005 - 2008 Member, Program Committee, American HepatoPancreaticoBiliary
- 2006 - 2008 Governor-at-Large from California, American College of Surgeons
- 2006 - 2018 Associate Editor, *HPB Surgery*
- 2007 - 2009 Program Committee, Surgical Infection Society
- 2007 - 2008 Co-Chair, Research Advisory Board, Shriners Hospitals for Children
- 2008 - present Chair, Research Advisory Board, Shriners Hospitals for Children
- 2008 - 2017 Chair, Burns Subcommittee, Shriners Hospitals for Children
- 2011 - 2013 Member, Program Committee, Society for Surgery of the Alimentary Tract
- 2011 - 2020 Editorial Board, *Shock*
- 2017 - present Member, Hernia Prevention Task Force, Americas Hernia Society
- 2017 Organizer & Chair, International Symposium on Incisional Hernia Prevention
- 2018 - 2021 Chair, Membership Committee, Americas Hernia Society
- 2018 - present Governor & Member, Board of Directors, Americas Hernia Society
- 2019 - present Associate Editor, *International Journal of Abdominal Wall and Hernia Surgery*
- 2023 – 2024 Member, Residents and Fellows Committee, Americas Hernia Society

MEMBERSHIP ON FEDERAL GOVERNMENT PUBLIC ADVISORY COMMITTEES:

- 2000 Member, Special Emphasis Panel ZGM1 PPBC, NIH-NIGMS
- 2002 Chair, Special Emphasis Panel ZGM1 PPBC, NIH-NIGMS
- 2003 Member, Special Emphasis Panel ZGM1 TB-6 (03)(P), NIH-NIGMS
- 2004 Chair, Special Emphasis Panel ZRG1 IDM-N (90), NIH-NIGMS
- 2004 Member, Special Emphasis Panel ZGM1 TB-5 (3P), NIH-NIGMS
- 2005 (Mar) Member, Special Emphasis Panel ZGM1 PPBC-5 (TB), NIH-NIGMS
- 2005 (Nov) Chair, Special Emphasis Panel ZGM1 PPBC-5 (TB), NIH-NIGMS
- 2006 Chair, Special Emphasis Panel ZGM1 PPBC-5 (TB), NIH-NIGMS

- 2006 Member, Special Emphasis Panel ZGM1 BRT-1 (LR), NIH-NIGMS
- 2006 - 2007 Ad Hoc member, Surgery, Anesthesiology & Trauma Study Section, NIH-NIGMS
- 2007 - 2011 Member, Surgery, Anesthesiology & Trauma Study Section, NIH-NIGMS
- 2007 Reviewer, National Institutes of Health Director's Pioneer Awards
- 2007 Reviewer, National Institutes of Health Director's New Innovator Awards
- 2008 Reviewer, National Institutes of Health Director's Pioneer Awards
- 2008 Reviewer, National Institutes of Health Director's New Innovator Awards
- 2009 Chair, Special Emphasis Panel ZGM1 PPBC-5 (TB), NIH-NIGMS
- 2010 Chair, Special Emphasis Panel ZGM1 PPBC-5 (BN), NIH-NIGMS
- 2011 Consultant, General and Plastic Surgery Devices Panel, Federal Drug Administration
- 2011 Consultant, Medical Devices Advisory Committee, Federal Drug Administration
- 2011 Consultant, Center for Devices and Radiological Health
- 2011 Reviewer, National Institutes of Health Director's Pioneer Awards
- 2012 Reviewer, National Institutes of Health Director's Pioneer Awards
- 2013 - 2015 Chair, NIH, Surgery, Anesthesiology & Trauma Study Section, Center for Scientific Review, Chair
- 2013 - 2022 FDA, LCDR, US Public Health Service, Center for Devices and Radiological Health, General and Plastic Surgery Devices Advisory Committee consultant.
- 2015 Reviewer, National Institutes of Health Director's Pioneer Awards
- 2016 Acting Chair, FDA Center for Devices and Radiological Health, General and Plastic Surgery Devices Review Division, General and Plastic Surgery Devices Advisory Committee
- 2020 FDA, LCDR, US Public Health Service, Center for Devices and Radiological Health, Orthopedic and Rehabilitation Devices Panel of the Medical Devices Advisory Committee Meeting, virtual, September 9, 2020.
- 2022 - present FDA Center for Devices and Radiological Health, General and Plastic Surgery Devices Review Division, General and Plastic Surgery Devices Advisory Committee member.
- 2022 - present Chair, FDA Center for Devices and Radiological Health, General and Plastic Surgery Devices Review Division, General and Plastic Surgery Devices Advisory Committee.
- 2022 FDA Center for Devices and Radiological Health, General and Plastic Surgery Devices Review Division, General and Plastic Surgery Devices Advisory Committee Meeting; Recommendations about the reclassification of skin lesion analyzers, July 28-29, 2022.
- 2022 FDA Center for Devices and Radiological Health, General and Plastic Surgery Devices Review Division, General and Plastic Surgery Devices Advisory Committee Meeting; Discuss and make recommendations on the classification proposals for tissue expanders and accessories, mammary sizers, wound dressings with animal-derived materials, absorbable synthetic wound dressings, and hemostatic wound dressings with or without thrombin, nail prostheses, ultrasonic surgical instruments, single-use reprocessed ultrasonic surgical instruments, and neurosurgical ultrasonic instruments, October 26-27, 2022.

PAST RESEARCH EXPERIENCE:

- 1978 - 1979: Senior Honors Thesis; under the auspices of Dr. John Hedley-Whyte, Chairman of the Anesthesia, Department, Beth Israel Hospital, Boston, MA. "*Effect of Morphine Sulphate on the Metabolism of 2-deoxy-D-glucose in Rat Brain*".
- 1982 - 1984: Honors Thesis in a Special Field; under the director of Dr. Kenneth C. Hayes, Chairman, Biochemistry Department, Brandeis University, Boston, MA, and Dr. Michael Stemerman, Department of Medicine, Beth Israel Hospital, Boston, MA. "*Atherogenesis and the Effects of Dietary lipid on Platelet Function in Nonhuman Primates*".
- 1987 - 1991: Research Fellowship, under the direction of Drs. John P. Kane and Joseph H. Rapp, Cardiovascular Research Institute, University of California, San Francisco. "*The Role of Postprandial Lipoproteins and the Liver in Sepsis*".

CURRENT RESEARCH:

Examination of the cellular response to acute injury and repair with a focus on i) management and prevention of incisional hernias and ii) effect of metallic silver and fibrin on wound healing.

PUBLICATIONS:

PEER-REVIEW ARTICLES

1. Harris HW, Rapp JH, Kunitake ST, Krupski WC, Kane JP. Modified low-density lipoprotein isolated from fresh human atherosclerotic plaque. *Surgical Forum* 1988; 39:319-21.
2. Rapp JH, Harris HW, Hamilton RL, Krupski WC, Reilly LM, Ehrenfeld WK, Stoney RJ, Goldstone J and Kane JP. Particle size distribution of lipoproteins from human atherosclerotic plaque: A preliminary report. *J Vasc Surg* 1989; 4:81-88.
3. Pan XM, Rapp JH, Harris HW, Krupski WC, Hale JD, Sheldon P and Kaufman L. Identification of aortic thrombus by magnetic resonance imaging. *J Vasc Surg* 1989; 9:801-805.
4. Harris HW, Rapp JH, Reilly LM, Orlando PA, Krupski WC and Goldstone J. Saphenous vein bypass to pedal arteries. *Arch Surg* 1980; 124:1232-1236.
5. Harris HW, Grunfeld C, Feingold KR and Rapp JH. Human VLDL and chylomicrons can protect against endotoxin-induced death in mice. *J Clin Invest* 1990; 86:696-702.
6. Eichbaum EB, Harris HW, Kane JP and Rapp JH. Chylomicrons can inhibit endotoxin activity *in vitro*. *J Surg Res* 1991; 51:413-416.
7. Harris HW, Eichbaum EB, Kane JP and Rapp JH. Detection of endotoxin in triglyceride-rich lipoproteins *in vitro*. *J Lab Clin Med* 1991; 118:186-193.
8. Read TE, Harris HW, Grunfeld C, Feingold KR, Kane JP and Rapp JH. The protective effect of serum lipoproteins against bacterial lipopolysaccharide. *European Heart J* 1993; 14 Suppl:K:125-129.
9. Harris HW, Grunfeld C, Feingold KR, Read TE, Kane JP, Jones AL, Eichbaum EB, Bland GF and Rapp JH. Chylomicrons alter the fate of endotoxin, decreasing tumor necrosis factor release and preventing death. *J Clin Invest* 1993; 91:1028-1034.
10. Read TE, Harris HW, Grunfeld C, Feingold KR, Calhoun MC, Kane JP and Rapp JH. Chylomicron binding increases endotoxin excretion in bile. *Infection and Immunity* 1993; 61:3496-3502.
11. Emond J, Wachs ME, Renz JF, Kelley S, Harris H, Roberts JP, Ascher NL, Lim RC. Total vascular exclusion for major hepatectomy in patients with abnormal liver parenchyma. *Arch Surg* 1995; 130:824-831.
12. Sperling RM, Koch J, Harris H, Sandhu FS and Cello JP. Natural history of recurrent pyogenic cholangitis in Asian immigrants to the US. *Gastrointest Endo* 1995; 41:417.
13. Ghermay AP, Brady S, Havel R, Harris HW and Rapp JH. Sepsis increases endocytosis of endotoxin by hepatocytes. *Surgery* 1996; 120:389-93.
14. Harris HW, Rockey DC, Chau PL, Kane JP and Rapp JH. Effect of chylomicrons on the clearance of endotoxin by hepatocytes. *Surg Forum* 1996; 47:10-11.
15. Harris HW, Chau PL, Kane JP and Rapp JH. Endogenous hypertriglyceridemia protects against endotoxemia in rats. *J Endotoxin Res* 1996; 3:26.
16. Hojman H, Lounsbury D, Harris H and Horn J. Immunodepressive effects of LPS on monocyte CD14 *in vivo*. *J Surg Res* 1997; 69:7-10.
17. Harris HW. Fasting and postprandial lipoproteins abrogate the effects of endotoxin in humans. *Shock* 1997; 7 Suppl 1:24.
18. Horn JK, Hojman H, Lounsbury D and Harris HW. Induction of human leukocyte apoptosis and phenotypic alterations by LPS infusion into volunteers: 452. *Shock* 1997;7 Suppl 1:114.
19. Sheen-Chen SM, Chau PL, and Harris HW. Altered Kupffer cell function in obstructive jaundice occurs independent of bacterial translocation. *Surg Forum* 1997; 48:191-193.
20. Harris HW. Lipoproteins can ameliorate the effects of endotoxemia in humans. *Surgical Forum* 1997; 48:70-72.

21. Glasgow RE, Visser BC, Harris HW, Patti MG, Kilpatrick SJ and Mulvihill SJ. Changing management of gallstone disease during pregnancy. *Surg Endo* 1998; 12:241-246.
22. Harris HW, Schechter WP. Surgical risk assessment and management in patients with HIV disease. *Gastroenterol Clin North Am*. 1997; 26:377-91.
23. Harris HW. Endoscopic pancreatic debridement (invited commentary). *Adv Gastro Hepatol Clin Nutr* 1998;3:126-128.
24. Gantert W and Harris HW. Laparoscopic paraesophageal hernia repair: a new standard. (invited commentary) *Adv Gastro Hepatol Clin Nutr* 1998;3:457-459.
25. Kang L and Harris HW. Antibiotic prophylaxis in acute pancreatitis. *Adv Gastro Hepatol Clin Nutr* 1998;3:230-238.
26. Harris HW, Rockey DC, and Chau P. Chylomicrons alter the hepatic distribution and cellular response to endotoxin in rats. *Hepatology* 1998; 27:1341-1348.
27. Harris HW, Kunwenda ZL, Sheen-Chen SM, Shah A, and Schechter WP. Recurrent pyogenic cholangitis. *Am J Surg* 1998; 176:34-37.
28. Kumwenda ZL, Welch WJ, and Harris HW. Chylomicron-bound endotoxin inhibits hepatocellular nitric oxide production by inhibiting nuclear factor κ B activation in rats. *Surg Forum* 1998; 49:8-9.
29. Sheen-Chen SM, Chau P, and Harris HW. Kupffer cell function is altered in obstructive jaundice independent of bacterial translocation. *J Surg Res* 1998; 80:205-209.
30. Harris HW, Rockey DC, Young DM, and Welch WJ. Diet-induced protection against LPS includes increased hepatic NO production. *J Surg Res* 1999; 82:339-345.
31. Harris HW, Morabito D, Mackersie RC, Halvorsen RA and Schechter WP. Leukocytosis and free fluid are important indicators of isolated occult intestinal injury following blunt trauma. *J Trauma* 1999; 46:656-659.
32. Kumwenda ZL, Welch WJ, and Harris HW. Chylomicron-bound endotoxin selectively inhibits nuclear transcription factor- κ B activation in rat hepatocytes. *Surg Forum* 1999; 50:213-215.
33. Gosnell JE, Welch WJ, and Harris HW. The extracellular matrix regulates the hepatocellular stress response. *Surg Forum* 1999; 50:10-11.
34. Gosnell JE, Wong CB, Welch WJ and Harris HW. The extracellular matrix can regulate the hepatocellular response to cytokines. *J Surg Res* 2000; 91:43-49.
35. O'Neill BO, Gosnell JE, Lull RJ, Koch J, Halverson RJ, Schechter WP and Harris HW. Cinematic nuclear scintigraphy reliably directs surgical intervention in patients with gastrointestinal bleeding. *Arch Surg* 2000; 135:1076-1082.
36. Gosnell JE, Welch WJ and Harris HW. Heat shock inhibits the acute phase response in primary rat hepatocytes. *Curr Surg* 2000; 57:637.
37. O'Neill BB, Sheen-Chen SM, Welch WJ and Harris HW. Systemic heat shock attenuates the neuroendocrine response to surgical stress in rats. *J Surg Res* 2000; 93:315.
38. Liu Q, Fischer H, Welch WJ and Harris HW. Cerulein-induced acute pancreatitis is more severe in mice heterozygous for the Δ F508 cystic fibrosis transmembrane conductance regulator gene mutation than wild-type controls. *J Surg Res* 2000; 93:317-18.
39. Harris HW, Gosnell JE and Kumwenda ZL. The lipemia of sepsis: triglyceride-rich lipoproteins as agents of innate immunity. *J Endotoxin Res* 2001; 6:421-430.
40. Ciccarone D, Bamberger JD, Kral AH, Edlin BR, Hobart CJ, Moon A, Murphy EL, Bourgois P, Harris HW and Young DM. Soft tissue infections among injection drug users-San Francisco, California, 1996-2000. *MMWR* 2001; 50:381-384.
41. Ciccarone D, Bamberger JD, Kral AH, Edlin BR, Hobart CJ, Moon A, Murphy EL, Bourgois P, Harris HW and Young DM. Soft tissue infections among injection drug users-San Francisco, California, 1996-2000. *JAMA* 2001; 285:2707-2709.
42. Johnson JA, Welch WJ and Harris HW. Heat shock inhibits NF- κ B activation in a transient and dose-dependent manner. *Shock* 2001; 15 Suppl 1: Abstracts 37.
43. Gosnell JE and Harris HW. Necrotizing pancreatitis during pregnancy: a case report and review of the literature. *J Gastrointestinal Surg* 2001;5:371-376.

44. Gosnell JE, Welch WJ and Harris HW. Prior heat shock treatment attenuates the acute phase response in primary rat hepatocytes. *Crit Care Med* 2001; 12 (Suppl Abstracts):A59.
45. Harris HW, Johnson JA and Wigmore SJ. Endogenous lipoproteins impact the response to endotoxin in humans. *Crit Care Med* 2002; 30:23-31.
46. Kumwenda ZL, Wong CB, Johnson JA, Gosnell JE, Welch WJ, and Harris HW. Chylomicron-bound endotoxin selectively inhibits NF- κ B activation in rat hepatocytes. *Shock* 2002;18:182-188.
47. Harris HW, Brady SE and Rapp JH. Endosomal trafficking of lipoprotein-bound endotoxin in rats. *J Surg Res* 2002;106:188-95.
48. Kasravi FB and Harris HW. Apolipoprotein E isoforms predict the hepatic response to sepsis. *J Am Coll Surg* 2002;195:S88.
49. Kasravi FB and Harris HW. Internalization of lipoprotein-bound LPS induces tolerance to cytokines in rat hepatocytes. *J Surg Res* 2002;107:324.
50. Harris HW and Young DM. Care of Injection Drug Users with Soft Tissue Infections in San Francisco. *Arch Surg* 2002;137:1217-22.
51. Kasravi FB, Welch WJ, Peters-Lideu CA, Weisgraber KH and Harris HW. Induction of cytokine tolerance in rodent hepatocytes by chylomicron-bound LPS is LDL receptor dependent. *Shock* 2003;19:157-162.
52. Harris HW and Kasravi FB. Lipoprotein-bound LPS induces cytokine tolerance in hepatocytes. *J Endotoxin Res* 2003; 9:45-50.
53. Miller G, Schechter WP and Harris HW. Gallbladder ascariasis in a patient with severe pancreatitis. *Surgery* 2003; 133:445-46.
54. Kasravi FB, Brecht WJ, Weisgraber KH and Harris HW. Induction of cytokine tolerance requires internalization of chylomicron-bound LPS into hepatocytes. *J Surg Res* 2003;115:303-309.
55. Harris HW, Barcia A, Schell MT, Thoeni RF, and Schechter WP. Necrotizing pancreatitis: a surgical approach independent of documented infection. *HPB* 2004;6:161-168.
56. Young DM, Harris HW, Charlebois ED, Chambers H, Campbell A, Perdreau-Remington F, Lee C, Mankani M, Mackersie R and Schechter WP. An epidemic of methicillin-resistant *Staphylococcus aureus* soft tissue infections among medically underserved patients. *Arch Surg* 2004;139:947-953.
57. Kasravi FB, Lee DH, Weisgraber KH and Harris HW. Lipoprotein-bound endotoxin exerts an immunomodulatory effect on hepatocytes through the lipid A domain of LPS. *J Endotoxin Res* 2005;11:19-24.
58. Mukhtar RA, Kasravi FB and Harris HW. Chylomicron-lipoteichoic acid complexes induce cytokine tolerance in primary rat hepatocytes. *Surg Infect* 2005;6:161.
59. Davis BR, Vitale GC and Harris H. The evolution of endoscopy: wireless capsule cameras for the diagnosis of occult gastrointestinal bleeding and inflammatory bowel disease. *Surg Innov* 2005;12:129-133.
60. Spitzer AL, Thoeni RF, Barcia AM, Schell MT and Harris HW. Early non-enhanced abdominal CT can predict mortality in severe acute pancreatitis. *J Gastrointest Surg* 2005;9:928-933.
61. Harris HW. Lipoproteins are protective beyond HDL cholesterol and heart disease. *Crit Care Med*. 2005 Aug;33(8):1859-60.
62. Harris HW, Davis BR and Vitale GC. Cholecystectomy following endoscopic sphincterotomy for common bile duct stones: is surgery necessary? *Surg Innov* 2005;12:187-194.
63. Spitzer AL, Mukhtar RA and Harris HW. Image of the month. *Arch Surg* 2005;140:1005-006.
64. Schell MT, Spitzer AL, Johnson JA, Lee D and Harris HW. Heat shock inhibits NF- κ B activation in a dose- and time-dependent manner. *J Surg Res* 2005;129:90-93.
65. Barcia AM and Harris HW. Triglyceride-rich lipoproteins as agents of innate immunity. *Clin Infect Dis* 2005;41 Suppl 7:S498-503.
66. Harris HW. Apolipoprotein E: From Alzheimer's to Sepsis. *Crit Care Med* 2005;33:2696-2697.
67. Spitzer AL, Barcia AM, Schell MT, Barber A, Norman J, Grendell J and Harris HW. Applying Ockham's razor to pancreatitis prognostication: A four-variable predictive model. *Ann Surg* 2006;243:380-388.
68. Spitzer AL and Harris HW. Statins attenuate sepsis. *Surgery* 2006;139:283-287.

69. Paydar K, Hansen S, Harris HW and Young DM. Inappropriate Antibiotic Use in Soft Tissue Infections. *Arch Surg*. 2006;141:850-4.
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71. Maa J, Gosnell JE, Gibbs VC and Harris HW. Exporting excellence for whipple resection to refine the leapfrog initiative. *J Surg Res* 2007;138:189-97.
72. Derish PA, Maa J, Ascher NL and Harris HW. Enhancing the mission of academic surgery by promoting scientific writing skills. *J Surg Res* 2007;140:177-83.
73. Maa J, Carter JT, Gosnell JE and Harris HW. The surgical hospitalist: a new model for emergency surgical care? *J Am Coll Surg* 2007;205:704–711.
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75. Rajendran PM, Young D, Maurer T, Chambers H, Perdreau-Remington F, Ro P and Harris H. Randomized, double-blind, placebo-controlled trial of cephalexin for treatment of uncomplicated skin abscesses in a population at risk for community-acquired methicillin-resistant *Staphylococcus aureus* infection. *Antimicrob Agents Chemother* 2007;51:4044-8.
76. Kasravi B, Lee DH, Lee JW, Dada S and Harris HW. Chylomicron-bound LPS selectively inhibits the hepatocellular response to proinflammatory cytokines. *J Surg Res* 2008;146:96-103.
77. Maa J, Wachter RM, Gosnell JE and Harris HW. The future of general surgery. *JAMA* 2008;299:1015.
78. Jamshidi R, Harris H and Campbell AR. The value of teaching anatomy to medical students (letter). *Bull Am Coll Surg* 2008;93:36.
79. Schell MT, Barcia AM, Spitzer AL and Harris HW. Pancreaticoduodenectomy: volume is not associated with outcome within an academic health care system. *HPB Surg*. 2008;2008:825940.
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81. Mukhtar RA, Kattan OM and Harris HW. Variation in annual volume at a university hospital does not predict mortality for pancreatic resections. *HPB Surg* 2008 (PMID: 19259261).
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83. Jancelewicz T, Vu LT, Shawo AE, Yeh B, Gasper WJ and Harris HW. Predicting strangulated small bowel obstruction: an old problem revisited. *J Gastrointest Surg*. 2009;13:93-9.
84. Jamshidi R, Hill A, and Harris HW. Anaphylaxis due to recurrent hydatid disease. *Surg Infect (Larchmt)* 2009;10:155-7.
85. Mohebbali K, Young DM, Hansen SL, Shawo A, Freise CE, Chang DS, Maa J, Harris HW. Open incisional hernia repair at an academic tertiary care medical center. *Arch Surg* 2009;144:848-52.
86. Schechter WP, Hirshberg A, Chang DS, Harris HW, Napolitano LM, Wexner SD, Dudrick SJ. Enteric fistulas: principles of management. *J Am Coll Surg* 2009;209:484-91.
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92. Spitzer AL, Chuang KI, Victorino GP, Kasravi B, Curran B, Lee D and Harris HW. Chylomicrons combined with endotoxin moderate microvascular permeability. *Innate Immunity* 2011;17;283-292.
93. Chuang K, Corley D, Postlethwaite D, Merchant M and Harris HW. Does increased experience with laparoscopic cholecystectomy yield more complex bile duct injuries? *Am J Surg* 2012;203:480-7. (PMID: 22326050).

94. Harris HW. Systematic review of total pancreatectomy and islet autotransplantation for chronic pancreatitis (commentary). *Br J Surg* 2012;99:767. (DOI: 10.1002/bjs.8747)
95. Primus FE and Harris HW. A critical review of biologic mesh use in ventral hernia repairs under contaminated conditions. *Hernia* 2013;17:21-30. (PMID:23296600).
96. Beard J, Oresanya L, Dicker R and Harris HW. Characterizing the global burden of surgical disease: A Method to estimate inguinal hernia epidemiology in Ghana. *World J Surg* 2013;37:498-503. (PMID: 23224074).
97. Primus FE, Harris HW. A critical review of biologic mesh use in ventral hernia repairs under contaminated conditions. *Hernia* 2013;17:21-30. (PMID: 23296600).
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100. Harris HW. Clinical outcomes of biologic mesh: where do we stand? *Surg Clin North Am.* 2013;93:1217-25. Epub 2013 Jul 13. (PMID:24035084).
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104. Wong A, Lee S, Nathan NS, Wang F, Hansen SL, Harris HW and Sbitany H. Postoperative prophylactic antibiotic use following ventral hernia repair with placement of surgical drains reduces postoperative surgical site infection. *Plast Reconstr Surg* 2015;136(4 Suppl):12-3. (PMID: 26397498).
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CHAPTERS

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ABSTRACT PRESENTATIONS (selected)

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70. Young, C, Lyo V, Primus F, Tufaga M, Shin US, Fong S and Harris HW. Fascial defect size predicts recurrence following incisional hernia repair. International Hernia Congress, March 12-15, 2018, Miami, FL.
71. Harris HW, Primus F, Tufaga M, Young C, Shin US, Carter JT, Lin M, Mukhtar RA, Black D, Yeh B, Sbitany H, Freise C, Kim E, Young DM, Fong SL and Hansen S. Preventing recurrence in clean and contaminated hernias (PRICE): a randomized trial of biologic versus synthetic mesh in ventral hernia repair. 41st Annual International Congress of the European Hernia Society, September 11-14, 2019, Hamburg, Germany.
72. Harris HW, Primus F, Tufaga M, Young C, Shin US, Carter JT, Lin M, Mukhtar RA, Black D, Yeh B, Sbitany H, Freise C, Kim E, Young DM, Fong SL and Hansen S. Preventing recurrence in clean and contaminated hernias (PRICE): a randomized trial of biologic versus synthetic mesh in ventral hernia repair. Surgery Grand Rounds, Renown Regional Medical Center, October 10, 2019, Reno, NV.
73. Primus F, Young C, Young DM and Harris HW. Silver microparticles plus fibrin accelerates diabetic wound healing. Forum on Fundamental Surgical Problems, American College of Surgeons, October 27-31, 2019, San Francisco, CA.

MOTION PICTURES/VIDEOS

1. Harris HW, Way LW, Patti MG, Gantert WA, Yamagata S, and Arcerito M. Laparoscopic Repair of a paraesophageal hernia. Shown as part of the Symposium on Unusual Problems in Surgery, Motion Picture Exhibitions. American College of Surgeons, Chicago, Illinois, October 12-17, 1997.
2. Harris HW and Corvera C. VIPoma. Shown as part of the UCSF Postgraduate Course in General Surgery, Video Session, San Francisco, CA, March 27-29, 2008.

GRANT SUPPORT

Active

DLV-HE-018 Harris (Investigator) 06/01/20 – 05/31/27
Davol, Inc.

Prophylactic Reinforcement of Ventral Abdominal Incisions Trial (PREVENT): Prospective, Multi-Center, Open-Label, Randomized, Controlled Trial of Phasix Mesh to Prevent Incisional Hernia Subsequent to Open Midline Laparotomy.

Pending

M24-846 Harris (Investigator)
AbbVie, Inc.

A Phase 2b Double-Blind, Placebo-Controlled, Adaptive, Dose-Escalation Study to Evaluate the Safety and Efficacy of AGN-151607-DP for the Achievement of Primary Fascial Closure Without the Use of Component Separation Technique, in Subjects Undergoing Open Abdominal Ventral Hernia Repair.

BIOENTREPRENEURSHIP

- 2009 Inventor, MYOSEAL – a product design to prevent incisional hernias through enhanced wound healing.
- 2012 - present Founder & President, Vitruvian Medical Devices, Inc.
- 2015 - 2018 Clinical Advisor, Potrero Medical
- 2019 - present Scientific Advisory Board member (unpaid), Deep Blue Medical Advances, Inc.
- 2020 Co-Inventor, DERMASEAL – an advanced wound care product to treat diabetic foot ulcers.
- 2021 - present Scientific Advisor and Member, DSMB (unpaid), AbSolutions Med, Inc.

PATENTS

- 2016 United States Patent No. 9,333,245 (issued May 10, 2016): *Methods and Compositions for Treating Wounds and Reducing the Risk of Incisional Hernias.*
- 2020 United States Patent Application No. 63/072,753 (filed August 31, 2020): *Storage Stable Films Comprising Fibrin and/or Fibrinogen.*