

Curriculum Vitae**PERSONAL DATA**

Name: Harriet W. Hopf

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
1991 - 1992	Research Fellow	University of California, San Francisco (Anesthesiology) San Francisco, CA
1989 - 1991	Resident	University of California, San Francisco (Anesthesiology) San Francisco, CA
1987 - 1988	Research Fellow	University of California, San Francisco (Surgery) San Francisco, CA
1986 - 1987	Intern	University of Minnesota (Surgery) Minneapolis, MN
1982 - 1986	M.D.	Dartmouth Medical School (Medicine) Hanover, NH
1978 - 1982	B.A.	Yale University (Biology) New Haven, CT

BOARD CERTIFICATIONS

04/23/1993	American Board of Anesthesiology (Anes), Certified - does not expire; Recertification 2009
2004 - 2014	American Board of Preventive Med (Undersea & Hyperbaric Med), Certified

CURRENT LICENSES/CERTIFICATIONS

2022 -- Present	RQI BLS and ACLS certified
2020	Certified Strong Interest Inventory Facilitator The Myers Briggs Company Certified Myers Briggs Type Indicator (MBTI) Step I Facilitator The Myers Briggs Company
2019	Certified Benchmarks 360 Assessment Facilitator Center for Creative Leadership
2006 - Present	DEA Certificate (UT) - Physician (MD)
2006 - Present	State License (UT) - Physician (MD)
2006 - Present	Controlled Substance (UT) - Physician (MD)
2003 - Present	NOAA Diving Medical Officer

ACADEMIC HISTORY**Anesthesiology**

10/03/2006 Professor (Tenured)

School of Medicine

7/1/2012-7/31/2016 Associate Dean for Academic Affairs

University of Utah

11/1/2016-4/2/2018 Senior Special Assistant in the Office for Faculty
 4/2/2018-7/31/2019 Interim Associate Vice President for Faculty
 9/21/2020 – 6/30/21 Special Assistant in the Office of the SVP for Academic Affairs

Full Time Positions

1992 Clinical Instructor, University of California, San Francisco, Department of Anesthesia, San Francisco, CA
 1992 - 1999 Assistant Professor in Residence, University of California, San Francisco, Department of Anesthesia & Perioperative Care, San Francisco, CA
 1996 - 1999 Assistant Professor in Residence, University of California, San Francisco, Department of Surgery, San Francisco, CA
 1994 - 1995 Leave of Absence, Traveled around the world
 1996 - 2006 Associate Director, UCSF Wound Healing Laboratory, San Francisco, CA
 1998 - 2006 Faculty, UCSF / UC Berkeley Bioengineering Graduate Group, San Francisco, CA
 1999 - 2005 Associate Professor in Residence, University of California, San Francisco, Departments of Anesthesia & Perioperative Care and Surgery, San Francisco, CA
 2005 - 2006 Professor in Residence, University of California, San Francisco, Departments of Anesthesia & Perioperative Care and Surgery, San Francisco, CA
 2006 - Present Professor, University of Utah, Department of Anesthesiology, Salt Lake City, UT
 1992 - 2006 Attending Physician, Moffitt-Long Hospitals and San Francisco General Hospital: provision and supervision of anesthesia 1-2 days per week, including general OR, Labor and Delivery, Acute Pain, and PACU
 2007 - Present Faculty, University of Utah, Center on Aging, Salt Lake City, UT
 2008 - Present Adjunct Professor, University of Utah, Department of Biomedical Engineering
 2006 – 2008 Attending Physician, University of Utah Hospitals: provision and supervision of anesthesia 1 day per week
 2008 – Present Attending Physician, University of Utah Hospitals: provision and supervision of anesthesia 1-2 days per week

Part Time Positions

1996 - 2006 Wound Consult Service, Moffitt-Long Hospitals, San Francisco, CA
 1996 - 2001 Faculty, Moffitt-Long Hospitals, Wound Healing Clinic, San Francisco, CA
 2000 - 2006 Hyperbaric Medicine Physician, Saint Francis Memorial Hospital, San Francisco, CA
 2002 - 2006 Faculty, Saint Francis Memorial Hospital, Center for Wound Healing, SF, CA
 2005 - 2006 Medical Co-Director, Saint Francis Memorial Hospital Center for Wound Healing, San Francisco, CA
 2006 - 2008 Medical Director, Wound Care Services, Intermountain Healthcare Urban Central Region, Salt Lake City, UT

Editorial Experience

2015 – Present Associate Editor: Anesthesiology
 2011 – 2013 Editorial Board: Wound Healing Society Yearbook
 2009 - 2020 Editorial Board: Wound Repair and Regeneration

Reviewer Experience

Reviewer for:
 Anesthesiology
 Archives of Surgery

Anesthesia and Analgesia
 Wound Repair and Regeneration
 Surgery
 Undersea and Hyperbaric Medicine
 Transfusion
 International Journal of Obstetric Anesthesia
 Archives of Internal Medicine
 Annals of Surgery
 Methods and Findings in Experimental and Clinical Pharmacology
 The Lancet
 Wound Healing Society Yearbook
 JAMA
 Critical Care Medicine
 Journal of Clinical Anesthesia
 BMC Anesthesiology
 British Journal of Anaesthesia
 British Medical Journal
 Burns
 International Wound Journal
 Journal of Investigative Dermatology
 Physical Medicine and Rehabilitation
 Chest
 Surgical Infections
 BMC Cancer
 Journal of Visualized Experiments
 Acta Physiologica
 American Journal of Infection Control
 Diabetes
 Cochrane Collaborative
 ACS Applied Materials & Interfaces
 Journal of Obstetrics and Gynecology
 The Journal of Teaching and Learning Resources (MedEdPortal.org)
 PLOS ONE
 Advances in Wound Care

HONORS

- 2023 **Most Downloaded Paper Award 2022**
The Green Print: Advancement of Environmental Sustainability in Healthcare; Resources, Conservation, and Recycling, 2020.
- 2022 **Harriet W. Hopf Rising Stars Symposium and Virtual Lecture Series**
Departmental lecture series that brings rising stars in anesthesiology research to the University of Utah campus named in my honor.
- 2020 Selected as one of 250 images on the **Utah Women 2020 Mural**.
Public art commemorating the 100th anniversary of the 19th Amendment
[\(http://womensmural.com/\)](http://womensmural.com/)
- 2020 **Eric P. Kindwall, MD, Memorial Lecture**. Scheduled for Undersea and Hyperbaric Medical Society Annual Meeting, San Diego, CA. Presented instead as enduring materials for the cancelled conference.

- 2019 **Ellis Gillespie Lecture**, Australian and New Zealand College of Anaesthetists Annual Scientific Meeting, Kuala Lumpur, Malaysia.
- 2019 **Women in Anesthesiology Distinguished Service Award**
- 2018 - Present **Fellow of the American Society of Anesthesiologists (FASA)**
- 2017 **Linda K. Amos Award for Distinguished Service to Women**, University of Utah
The award recognizes an individual staff or faculty member who has selflessly given time and energy to improve the educational and/or working environment for women at the University of Utah
- 2014 - Present **University of Utah Academy of Health Sciences Educators**
- 2013 **YWCA Utah Outstanding Achievement Award in Medicine and Health**
Given annually to women whose lives and achievements exemplify the YWCA's mission.
- 2013 **Foundation for Anesthesia Education and Research (FAER) Mentoring Excellence in Research Award**
The award recognizes "sustained career commitment to mentoring and a significant positive impact on the careers of mentees"
- 2012 - Present **Fellow of Undersea and Hyperbaric Medicine (FUHM)**
- 2011 - Present **FAER Academy of Research Mentors in Anesthesiology**
- 2008 -2009 **Fellow, Executive Leadership in Academic Medicine Program**, Drexel University College of Medicine
- 2007 **Award for Significant Contribution to the Advancement of Hyperbaric Medicine**, Winter Symposium on Hyperbaric Medicine and Wound Management
- 2004-2006 **The Haile T. Debas Academy of Medical Educators**, UCSF
- 1999 **UCSF Graduate Students Association Faculty Mentorship Award**
Award given annually since 1999 to "recognize and show appreciation for faculty members who consistently provide exceptional support, both professionally and personally, to graduate students at UCSF"
- 1978-1982 Yale Women's Basketball
4-year Varsity Letter Winner
Most Improved Player (1979)
- 1979 -1982 Yale Women's Track
2-year Varsity Letter Winner
Yale Women's High Jump Record - Indoor (1979)
Yale Women's High Jump Record - Outdoor (1979)
- 1981 -1982 Yale Women's Softball
2-year Varsity Letter Winner

ADMINISTRATIVE EXPERIENCE

1992 -2006 **University of California, San Francisco, Department of Anesthesia and Perioperative Care (Trainee Related)**
1992 - 1994 Resident Selection Committee
2000 - 2006 Resident Selection Committee
1993 - 2006 Resident Advisor
1996 - 2006 Resident Evaluation Committee
1997 - 2001 Moderator: Fellow's Conference
2001 - 2002 Faculty Co-Director, Anesthesia Interest Group
2005 - 2006 Resident Medical Student Teaching Award Selection Committee

1992 -2006 **University of California, San Francisco, Department of Anesthesia and Perioperative Care (Faculty Related)**
1997, 2001, 2003 Merit and Promotions Committee, Chair, 2003
2004 - 2006 Co-Director, Faculty Development Lecture Series
2005 - 2006 Chair, E1 (non-specialty call) Faculty Committee

1992 -2006 **University of California, San Francisco (Campus Wide)**
1998 - 2001 Chair, Acute and Chronic Wound Care Practice Guideline Development Group, Office of Clinical Resource Management
1999 - 2006 General Clinical Research Center Advisory Committee
2000 - 2003 Doris Dukes Medical Student Clinical Research Fellowship Advisory Committee
2003 - 2005 Chancellor's Advisory Committee on the Status of Women Website Subcommittee, 2003-2004
Faculty Subcommittee, 2004-2006
2004 - 2006 The Haile T. Debas Academy of Medical Educators
2004 - 2006 Perioperative Quality Improvement Advisory Committee
2005-2006 Organizing Committee, Career Mentoring Workshop for Junior Faculty

1996 -1997 **San Francisco General Hospital**
1996 - 1997 Pain Management Committee
1996 - 1997 Director, Anesthesia Pain Service

2006 - Present **University of Utah (School of Medicine)**
2006 - 2009 University of Utah Center of Excellence in Women's Health
Demonstration Project Leadership Committee
2008-2012 School of Medicine Mentoring for "U" Workshop
Chair, Organizing Committee
2009 - 2012 Director, Women in Medicine and Science Program
2009 - 2012 Director of Faculty Mentoring, Office of Faculty Administration
2009 - 2013 Mission Based Management Advisory Committee
School of Medicine Budget Oversight Committee
2009 - Present CME Advisory Committee
2010 Clinical Faculty & Recruitment Task Force
2010 - 2013 AMWA Faculty Advisor
2012 - 2014 Chair, RPT Criteria Revisions Committee

2020 – Present Co-Director, Utah Coaching & Advancement Network (U-CAN)
<https://medicine.utah.edu/faculty-dev/programs/coaching-program>

2008 - Present **University of Utah (Campus Wide)**

2008 – 2011 Academic Senator

2020 - 2023

2009 – 2013 Presidential Commission on the Status of Women

2010 – 2012 Curriculum and Event Planning Committee

2010 – 2013 Women’s Week Planning Committee

2011 – Present Edie Kochenour Memorial Lecture Planning Committee

2011 – 2012 Search Committee: Health Sciences Associate Vice
 President for Inclusion

2011 – 2016 Athletics Advisory Council Member
 Gender and Equity Subcommittee 2011-2014,
 Chair, 2013-14
 Chair, 2014-2016

2012 – 2016, 2018 - 2019 Academic Senate, Ex Officio member

2012 – 2016,
 2018 - 2019 Academic Senate Executive Committee, Ex Officio

2012 – 2013 Ad Hoc Committee on Auxiliary Faculty

2013 – 2015 Academic Policy Advisory Committee

2013 – 2017 Ad Hoc Committee on Career-line Faculty

2014 – 2016 Ad Hoc Committee on Tenured Faculty Review

2014 – Present Academy of Health Sciences Educators

2014 – 2017 Research Committee

2017 – Present Mentoring Committee
 Chair, 2017-2018

2017 – 2018 Executive Committee

2014 – 2015 Ad Hoc Committee on Career-line Appeals Process

2015 –2017 Women’s Basketball Committee

2015 – 2016 Athletic Sportsmanship Committee
<https://fanup.utah.edu/>

2015 -2016 Search Committee: School of Dentistry Dean

2017 Chair, New Sport Working Group
<https://www.uteslacrosse.com/2017/06/utes-begin-ncaa-division-i-play-2019/>

2018 – 2020 Ad Hoc committee on Centers, Institutes, and Bureaus

2018 – 2020, 2022 Linda K. Amos Award Selection Committee

2018 – 2019 Ad Hoc Committee on Career-Line Eligibility to
 Serve as Academic Senate President

2018 – 2019 Retention, Promotion, and Review (RPT) Policy
 Analysis Committee

2019 – Present Chair, Surveillance System Administrators Committee
*Committee oversees door access and video
 surveillance under Policy 3-234*
<https://regulations.utah.edu/administration/3-234.php>

2019 One Utah For Utah (1U4U) Seed Funding Planning
 Committee

	2020 - 2021	Co-Chair, Library Futures Task Force
	2020 – 2023	SOM Representative, University Promotion and Tenure Advisory Committee
	2020 – 2023	Academic Senate Executive Committee
	2021 – 2022	Engagement and Communications Campaign Working Group, Office of Advancement
	2021	Academic Senate Honorary Degree Task Force
	2022 – Present	Senate Advisory Committee on University Strategic Planning
	2022 – Present	Senate Personnel and Elections Committee
2009 – Present		University of Utah Hospitals and Clinics
	2009 – 2015	Chair, Perioperative Infection Control Committee
	2009 – 2022	Hospital Infection Control Committee
	2013 – 2015	Chair, Surgical Care Improvement Project Committee
	2015 – 2022	UUHSC Surgical Site Infection Collaborative
	2015 – 2023	Chair, Surgical Antibiotic Prophylaxis Oversight Committee
2006 - Present		University of Utah (Department of Anesthesiology)
	2006-2009	Director of Translational Research
	2006 - 2012	Research Committee
	2007 - 2018	Resident Selection Committee
	2007 – 2016, 20	Resident Advisor
	2008 - 2018	Director of Resident Research Training
	2010 - 2015	Education Committee
	2010 – 2012 &	Co-Director, Faculty Development Series
	2017 - Present	
	2011 – 2012	Staffing Task Force
	2011 – 2012	CME Committee
	2011 - 2018	Vice Chair for Faculty Development
	2012 - 2013	Centricity Clinical Documentation and Compliance Committee
	2012 – Present	Research Council
	2015 – Present	Education Council
	2016 – 2017	Chair, Task Force on Research Faculty Recruitment
	2017 – 2018	Task Force on Research Faculty Compensation
	2017 – 2018	Chair, Task Force on Salary Equity
	2019 – 2020	Scholarly Activity Incentives Task Force
	2019 – Present	Classic Articles Luncheon Organizing Committee
	2020 – 2022	Michael K. Cahalan Lecture organizing Committee
	2021 – 2022	Director of Faculty Development and Mentoring
	2022 – Present.	Executive Director, Faculty Development & Academic Affairs
	2022 – Present	Departmental Advisory Committee (DAC) Chair <i>Oversight of Faculty Review and Advancement (Promotion & Tenure)process</i>
	2022 – Present	Dr. Harriet W. Hopf Rising Stars Symposium and Virtual Lecture Series Organizing Committee

2006 - 2008 **Intermountain Healthcare**
 2006 - 2008 Wound and Skin Team
 2006 - 2008 LDS Hospital Skin and Wound Action Team

Professional Organization & Scientific Activities

1998 - Present **Wound Healing Society (Committees)**
 1998-2008 Government Relations Committee
 2000-2009 Education Committee
 Chair, 2001-2004
 2004-2008 Scientific Liaison Committee
 Chair, 2004-2008
 2005-7, 2011-14 Nominations Committee
 Chair, 2012-2013
 2010 - 2019 Website / Communication Committee
 1996-98, 2001-2014, Program Committee
 2016-Present Chair, 2003-2004, 2017-18
 2009-2013 Finance Committee
 Chair, 2010-2011
 1998-2001 Chair, WOCN and WHS Consensus Panel for Wound
 Care of Arterial Ischemic Ulcers
 2005-2009 Chair, Committee to Develop Guidelines for the
 Diagnosis & Treatment of Arterial Ischemic Ulcers
 2012 – 2014 Arterial Ulcers Guidelines Revision Committee

2001 - Present **Wound Healing Society (Elected Officer)**
 2001 – 2004 Board of Directors
 2006 - 2010 Secretary
 2009 - 2010 Vice President
 2010 - 2011 President Elect
 2011 - 2012 President
 2012 - 2013 Past President
 2015 – 2018 Board of Directors
 2019 – 2022 Past Presidents Council

2003 – 2005 American Health Quality Association, California Surgical Site Infection Prevention
 Collaborative, Expert Panel

2006 - 2007 Co-Chair, American Health Quality Association, California Surgical Care
 Improvement Program Collaborative

2010 – Present **American Society of Anesthesiologists (ASA)**
 2010 – 2015 Infection Control Task Force
 2011 – 2021 Equipment and Facilities Subcommittee on Environmental
 Sustainability
 2018 – 2019 Ad Hoc Committee on Women in Anesthesia
 2018 Ad Hoc Committee on Social Media
 2019 – Present Committee on Professional Diversity
 2019 – 2022 Committee on Equipment and Facilities
 2019 – Present Committee on Women Anesthesiologists
 2020 – Present Social Media Ambassador
 2020 – Present Committee on Occupational Health
 2021 – 2022 Ad Hoc Committee on Environmental Health

2010 - 2013	2022 – Present	Committee on Academic Anesthesiology
		ELAM Alumnae Advisory Board
		Co-Chair Community Building Committee
		Program Committee
2012 – 2018		AAMC Group on Faculty Affairs
	2012 – 2013	Program Planning and Professional Development Sub-Committee
	2013 – 2018	Professional Development Sub-Committee Chair, 2015-16
	2013 – 2018	Communications Sub-Committee
	2014 – 2018	Steering Committee
	2014 – 2015	Co-Chair, GFA Toolkit Publication Task Force
2013 – Present		Foundation for Anesthesia Education and Research (FAER)
	2011 – Present	Academy of Research Mentors in Anesthesiology (ARMA)
	2013 – 2021.	Board of Directors Chair-Elect, 2018 – 2019 Chair, 2019 - 2021
	2013 – 2016	Research in Education Study Section
	2016 – 2018	Programs Committee
	2017	Chair, Medical Student Anesthesia Research Fellowship Sub-Committee
	2018 – 2019	Task Force on Medical Student Summer Research Program
	2018 – Present	Nominations Committee Chair, 2021-2023
	2019 – 2021	Grants Committee
	2019 – 2021	Finance Committee
	2019 – 2021	Development Committee
	2019 -2020	Task Force on Diversity, Equity, and Inclusion
	2020	Director, Virtual Medical Student Anesthesia Research Fellowship
	2021 – 2022	Chair, Diversity, Equity, and Inclusion Working Group
2015 – Present		Women in Anesthesiology
	2015 – 2018	Board of Advisors
	2019 – Present	Board of Directors
	2020 – 2022	Program Planning Committee
	2021 – Present.	Awards Committee
2016 - Present		Executive Leadership in Academic Medicine (ELAM) Program
	2016 – 2018,	
	2019 - 2020	Learning Community Advisor (LCA)
	2019 – Present	LCA Advisory Committee
	2020 – Present	Co-Director, Building Your Career Infrastructure Curriculum
	2020 – Present	ELAM Coaching Learning Community

Grant Review Committee/Study Section

1997 -2007, 2010-15, 2018, 2021-22	Member, NIH National Institute of General Medical Sciences, Special Emphasis Panels for the Review of Research Training Grant Applications (T32)
	Chair, 2005
	Site Visit Chair, 2012-2014
1997 - Present	Outside Consultant/Reviewer, National Institutes of Health

2000 - 2003, 2005, 2006 2001 - 2004	Member, NIH National Institute of General Medical Sciences, Special Emphasis Panels for the Review of Research Center Grant Applications Member, Veterans Administration, VA Medical Research Program, Review of Grant Applications
2002 - 2004, 2010 - 2020 2002 2003 - 2006	Member, NIH National Institute of General Medical Sciences, Special Emphasis Panels for the Review of Postdoctoral Loan Repayment Applications Member, U.S. Navy, Office of Naval Review, Review of Grant Applications Member, UCSF, Departmental Scientific Review Committee for Committee on Animal Research and Committee on Human Research proposals
2004, 2013	Outside reviewer, NIH Musculoskeletal Rehabilitation Sciences (MRS) Study Section
2005, 2009 2013 2020 2021 2021	Member, NIH National Cancer Institute Special Review Panel Reviewer, KY Science & Engineering Foundation R&D Excellence Awards NIH, NIDDK, Special Emphasis Review Panel for U34 proposals NIH, NIDDK, Special Emphasis Review Panel for U34 proposals ANZCA Grant Review

Symposium/Meeting Chair/Coordinator

2001 -2003	Wound Healing Society Educational Symposium Director
2003 -2004	Co-Chair, Wound Healing Society Annual Meeting Program Committee
2017 - 2018	
2007 - 2013	Co-Chair, University of Utah, Department of Anesthesiology Annual Postgraduate Course in Anesthesiology
2008, 2010	Chair, Organizing Committee for Undersea and Hyperbaric Medical Society Annual Meeting Pre-course: Wound Healing Workshop
2010 - 2011	Dartmouth Medical School: 50 Years of at DMS Opening Celebration, Planning Committee
2011 - 2012	Dartmouth Women in Medicine and Science Conference: Pioneers, Leaders, Innovators, Planning Committee
2008 – 2014	Hyperbaric Medicine & Wound Care Winter Symposium Planning Committee
2017 - 2018	Advisory Board and Planning Committee, Workshop on Environmental Sustainability in Clinical Care, Yale School of Medicine.
2022 - Present	Women's Leadership Day Planning Committee, University of Utah.

PROFESSIONAL COMMUNITY ACTIVITIES

1993	Lecturer, Lowell High School, Lowell High School Red Cross Club, San Francisco, CA. Lecture " Why Do We Have Pain?"
1994	Physician Lecturer, Christchurch Hospital, Tissue Oxygen ICU Seminar, Christchurch, New Zealand
1994, 1997, 1999	Mentor, Oakland High School, Mentor for Senior Projects
1994	Physician Lecturer, Sanglah Hospital, "Blood and Body Fluid Precautions as Practiced at UCSF/SFGH", Denpasar, Bali, Indonesia
1996	Physician Lecturer, Augustine Medical, Inc., "Non-Healing Lower Extremity Ulcers", Eden Prairie, MN
1997 -1999	Mentor, San Mateo County Regional Occupational Program
1998 -2000	Member, Sechrist Industries, Clinical Services Advisory Panel

2000 -2002 External Consultant & Reviewer, US Department of Health and Human Services, HCFA, Review of indications for hyperbaric oxygen therapy.
 2003 -2004 Member, Blue Cross Blue Shield, U.S Agency for Health Care Research and Quality Expert Panel, Evidence-Based Practice Center Technical Expert Panel for Wound Healing Evidence Report
 2014 YWCA Utah Outstanding Achievement Award Selection Committee
 2018, 2019 High School Health Sciences Career Day, University of Utah

UNIVERSITY COMMUNITY ACTIVITIES

University Level

2006 - 2009 Faculty Mentor, University of Utah Alumni Mentor Program, School of Medicine
 2006 - Present Faculty Mentor for Premedical Student Shadowing
 2017 - Present Crimson Club Utes With Wings Advisory Board, University of Utah
Provides support for Women's Varsity Athletics Programs
 2022: Utes With Wings Title IX 50th Anniversary Celebration Planning Committee
 2019 - Present Crimson Club Board of Directors, University of Utah
 2019 - Present University Relations Subcommittee

SERVICE AT PREVIOUS INSTITUTIONS

1997 -2006 Faculty Mentor, UCSF Women in Life Sciences Mentoring Program
 1998 -2002 Member, UCSF School of Medicine Family Network Program
 1999 -2006 Faculty Mentor, UCSF Women Medical Students Association Mentoring Program
 2000 -2004 Leader, UCSF Take Our Daughters to Work Day " Scar Wars" Program

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Society of Anesthesiologists
 International Anesthesia Research Society
 Wound Healing Society
 International Society on Oxygen Transport to Tissue
 Undersea & Hyperbaric Medical Society
 Association of University Anesthesiologists
 American Association for the Advancement of Science
 American Medical Association
 Utah Medical Association
 Utah Society of Anesthesiologists
 AAMC Group on Women in Medicine and Science
 AAMC Group on Faculty Affairs
 AAMC Group on Diversity and Inclusion
 Women in Anesthesiology
 Society for Advancement of Chicanos & Native Americans in Science (SACNAS)
 World Professional Association for Transgender Health (WPATH)

FUNDING

Current

07/01/21 - Present **The BASIC trial: Improving implementation of evidence-based approaches and surveillance to prevent bacterial transmission and infections (R01)**

Co-PIs: Brown, Loftus, O'Malley
National Institutes of Health (NIH)
Role: Site PI

02/08/20 – 02/07/22 **Factors Influencing the Choice of Anesthesiology as a Career by Women and
(no cost extension) Individuals from Underrepresented Groups. 2020-2022**
PI: Megha Vipani, MD Total Direct Costs: \$2500
ASA Committee on Professional Diversity Mentoring Grant
Role: Mentor

Past Grants

01/01/89 - 12/31/94 **A Study of Wound Healing and Wound Infection (GM P50 27345)**
NIH National Institute of General Medical Sciences (NIGMS)
Role: Co-Investigator

01/01/95 - 12/31/05 **A Study of Wound Healing, Infection and Inflammation (GM RCG P50
GM27345-24)**
Center PI: Thomas K. Hunt, MD; Annual Direct Costs: \$906,642
Center Associate Director: Harriet W. Hopf, MD
Project 4 PI: Harriet W. Hopf, MD Annual Direct Costs \$110,890
Oxygen in the Clinical Management of Wounds
NIH National Institute of General Medical Sciences (NIGMS)
Role: Associate Director; Project 4 Principal Investigator

07/04 – 7/06 **Comprehensive Anesthesia Research Training (5T32 GM08258)**
Role: Faculty Mentor

01/01/96 - 12/31/05 **Tissue Oxygen During Anemia and Red Blood Cell Transfusion (SCOR
P50HL54476)**
Direct Costs: \$1,264,507 Total Costs: \$1,264,507
NIH National Heart, Lung and Blood Institute (NHLBI)
Role: Co-Investigator

07/01/92 - 10/01/06 **Academic Training in Trauma and Burns (5T32 GM08258)**
Role: Faculty Mentor (1992-2006); Executive Committee (1996-2006)

07/01/98 - 06/30/00 **The Effect of Supplemental Fluid on Tissue Oxygenation in Patients with
Pressure Ulcers: A Pilot Study**
Direct Costs: \$15,127 Total Costs: \$15,127
National Institute of Nursing Research
Role: Co-Investigator

07/01/00 - 09/07/01 **Mentored Medical Student Clinical Research Grant (1 R25 RR015409)**
National Institutes of Health (NIH)
Role: Principal Investigator/Mentor

07/01/00 - 06/30/04 **Human Neurophysiology of Nicotine Analgesia: Sex Differences**
Direct Costs: \$199,938 Total Costs: \$199,938
University of California
Role: Co-Investigator

- 02/15/03 - 11/30/07 **The Placebo effects in distant healing (DH) of wounds (R21 AT001437)**
NIH National Center for Complementary and Alternative Medicine (NCCAM)
Role: Co-Investigator
- 07/01/03 - 06/30/07 **The Effect of Supplemental Fluid on Tissue Oxygenation in Patients with Pressure Ulcers**
Direct Costs: \$204,000 Total Costs: \$204,000
National Institute of Nursing Research
Role: Co-Investigator
- 01/01/06 - 12/31/08 **A Comparison of Tissue Oxygen Levels in Multiple Organs During Isovolemic Hemodilution with Right and Left-shifted Hemoglobin Based Blood Substitutes**
Foundation for Anesthesia Education and Research (FAER) Mentored Research Training Grant
Role: Mentor
- 04/01/05 - 03/30/07 **Acupuncture and surgical site complications in patients undergoing CABG**
Direct Costs: \$115,000 Total Costs: \$115,000
Samueli Institute for Information Biology
Role: Principal Investigator
- 05/01/07 - 12/31/08 **Does Cleansing Increase Perfusion and Oxygen in Venous Insufficiency Ulcers?**
Deseret Foundation
Role: Principal Investigator
- 05/09 – 11/09 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$5,000 Total Costs: \$5,000
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator
- 05/09 – 11/10 **Non-Invasive management of Chronic Venous Insufficiency**
NIH SBIR 1 R43 HL092673
Role: Clinical Site Principal Investigator
- 05/10 - 11/10 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$4,000 Total Costs: \$4,000
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator
- 06/11 - 11/11 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$4,200 Total Costs: \$4,200
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator
- 06/12 - 11/12 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$4,200 Total Costs: \$4,200
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator
- 06/13 - 11/13 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$4,200 Total Costs: \$4,200
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator
- 05/14 - 11/15 **FAER Medical Student Anesthesia Research Fellowship**
Direct Costs: \$3,200 Total Costs: \$3,200
Foundation for Anesthesia Education and Research (FAER)
Role: Principal Investigator

- 05/16 - 11/16 **FAER Medical Student Anesthesia Research Fellowship**
 Direct Costs: \$5,200 Total Costs: \$5,200
 Foundation for Anesthesia Education and Research (FAER)
 Role: Student Education Faculty Member
- 05/17 - 11/17 **FAER Medical Student Anesthesia Research Fellowship**
 Direct Costs: \$5,200 Total Costs: \$5,200
 Foundation for Anesthesia Education and Research (FAER)
 Role: Student Education Faculty Member
- 05/18 - 11/18 **FAER Medical Student Anesthesia Research Fellowship**
 Direct Costs: \$5,200 Total Costs: \$5,200
 Foundation for Anesthesia Education and Research (FAER)
 Role: Student Education Faculty Member

Past Contracts

- 05/01/08 - 12/31/08 **An open label extension study (to study DK143WS) evaluating the safety and long-term safety follow-up of Biatain Ibu in painful chronic venous leg ulcers**
 Coloplast A/S, Humlebaek, Denmark
 Role: Site Principal Investigator
- 05/01/08 -12/31/08 **A randomised, controlled and double-blind clinical Investigation on the effectiveness and Safety of a foam dressing Biatain Ibu non-adhesive vs. Biatain non-adhesive, in painful chronic venous leg ulcers.**
 Coloplast A/S, Humlebaek, Denmark
 Role: Site Principal Investigator
- 07/01/05 - 06/01/06 **Topical Oxygen and Split Thickness Skin Graft Donor Site Healing**
 Direct Costs: \$65,583 Total Costs: \$65,583
 OxyBand Technologies Inc.
 Investigator initiated
 Role: Principal Investigator
- 01/01/96 - 12/31/97 **Effect of a Radiant-Heat Bandage on Wound Healing Variables**
 Augustine Medical Inc.
 Investigator initiated
 Role: Principal Investigator
- 01/01/94 - 12/31/96 **The Effect of a Sequential Alternating Pressure Mattress on Tissue Oxygenation in Volunteers and Patients with Full-Thickness Pressure Ulcers**
 Pegasus Research Foundation
 Investigator initiated
 Role: Principal Investigator

TEACHING RESPONSIBILITIES / ASSIGNMENTS

Most of my teaching involves small groups of residents and/or students: 1 or 2 during clinical teaching and 6-10 for small group lectures and seminars, although I also give lectures for larger groups of 20 or more. My philosophy is to promote active learning in a comfortable, non-judgmental environment. My goal is to push learners to be aware of the full range of their capabilities and knowledge, and to build on what they already know.

Course and Curriculum Development

- 2020 FAER Virtual Medical Student Anesthesia Research Fellowship (V-MSARF)
 2020 Department of Anesthesiology QI Rotation One-on-One Journal Club

2020 - 2021 ELAM Building Your Career Infrastructure Year Long Curriculum
 2021 U-CAN Career Mentoring Training Program
 2021 Introduction to Developmental Relationships. U Health Master's in Health Education Program (1 credit/15 hours)
 2020 - 2022 U-CAN Coaching Skills Training Program

Courses Directed

1999 -2006 Director, Wound Clinic elective rotation for Family Practice and Internal Medicine Residents from UCSF and St. Mary's Hospital residency programs
 2008 – 2018 Director, Anesthesia Resident Research Rotation

Clinical Teaching

UCSF

1992 -2006 Anesthesia 110 Clinical Clerkship in Anesthesia
 1992 -2006 Clinical Anesthesia: Taught anesthetic management (one on one with Anesthesia residents) 1.5 days per week, including general anesthesia cases of all types, 1 day per month in the PACU teaching postoperative management, and 2-3 days per month in Labor and Delivery teaching Obstetrical Anesthesia
 1992 -2006 Anesthesia 111 Advanced Cardiac Life Support

University of Utah

2006 - Present Department of Anesthesiology Medical Student Clerkship
 2006 – Present Department of Anesthesiology Clinical Resident Teaching
 2008 - 2018 Department of Anesthesiology Resident Teaching Elective
 2013 - 2018 Department of Anesthesiology Anesthesia Assistant Rotation

Small Group Teaching

UCSF

Medical Students

Physiology	100	Discussion Section	1993-94, 1996-97, 1999-2001
Surgery Core Clerkship	110	Perioperative Evaluation and Postoperative Complications 2-hour seminar given 9 times a year	1999-2006
Anesthesia Core Clerkship	110	Sedation Evidence Based Medicine 1-hour lectures given 4-6 times a year	2004-2006

Educational Lectures

1991 -2000 Instructor: Fiberoptic Airway Management Workshop, UCSF Annual CME Meeting
 1992 Tissue Oxygen and Wound Healing Surgery Resident's Conference, VA Hospital, Palo Alto, CA
 1993 -1999 Graduate Program in Physical Therapy UCSF/SFSU
 Wound Healing: Lecture to 1st Year Students
 1994 -1995 Wound Healing Surgery Clerkship conference, USUHS, Bethesda, MD

1999 -2006	Obstetrics & Gynecology, Family Practice, Internal Medicine, Primary Care Residents: Basics of Wound Care
2000 -2006	Anesthesia Residents Epidurals and the Progress of Labor (monthly) Complications of Neuraxial Blockade (monthly) Anesthetic Management and Wound Outcomes Anemia
2001 -2003	Surgery Residents Basics of Pain Management
2002 -2006	Anesthesia Residents Malignant Hyperthermia / Thermoregulation Diving and Hyperbaric Medicine
2005	Antibiotic Prophylaxis and the Anesthesiologist UCSF Department of Anesthesia and Perioperative Care Faculty Development Series, San Francisco, CA
2005	The Educator's Portfolio UCSF Department of Anesthesia and Perioperative Care Faculty Development Series, San Francisco, CA

University of Utah Department of Anesthesiology Resident Lectures:

Anemia (CA-1, CA-3, and Medical Students)	2006
Epidurals and Labor Outcomes (CA-3)	2006
Hyperbaric Medicine (CA-3)	2007
Anemia (CA-3)	2007 - 2016
Allergy and Immunity / Surgical Site Infection Prevention (CA-1)	2011 – 2015
Infection Control (CA-1)	2013 – Present
Leadership (CA-3)	2020 - 2021

LDS Hospital Wound Care Services Lectures

Basics of Wound Care	2006
Wound Debridement	2006
Wound Dressings	2006
Wound Care Protocols	2006
Diagnosis and Treatment of Wound Infections	2007
Pain Management	2007

Intermountain Medical Center Hyperbaric Oxygen Training Course

Transcutaneous Oximetry	2008 - 2018
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University Health and Huntsman Cancer Hospital Short Stay and PACU Nursing Inservice

Perioperative Normothermia (every 2 years)	2009 – Present
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University of Utah Department of Anesthesiology Biomedical Technology in Anesthesia and Critical Care Course (for Bioengineering upper level and graduate students)

Warming devices, oxygen delivery, and infection prevention	2011-13, 2016, 2018, 2020
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University of Utah School of Medicine Lectures:

Wound Management: Beyond Wet to Dry	2014 - 2020
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Transition to Internship Course
 One-hour lecture annually
 Recorded as virtual content in 2020

University of Utah

UC 1020 (Intro to Pre-Med) lecture 2014 – 2019
 One-hour presentation twice a semester

University of Utah Office of Academic Affairs and Faculty Development

Understanding Faculty Review and Advancement 2012 - 2016
 Writing an Effective Self-Assessment 2013 – 2016
 Preparing for the Faculty Review and Advancement Process 2013 – 2016
Met annually with faculty members from each of the 22 SOM departments who were scheduled for faculty review and advancement (retention, promotion, and tenure) actions
 Understanding the New Faculty Review and Advancement 2014
 Policies
Presentation for each of the SOM departments on the new faculty review and advancement policies

University of Utah Department of Anesthesiology Faculty Development Series

Providing Constructive Feedback to Residents 2017
 Career Development & Strategies For Getting Promoted 2018
 Tuning the Mentoring Soundboard: Providing Constructive Feedback in Complex Situations 2019
 Preparing for Promotion: FARA Criteria and curating your CV 2020
 FARA Self-Assessment: Developing a Strategy for *Noticing*, *Documenting*, and *Sharing* Achievements 2022
 Fine Tuning Your CV 2022

University of Utah Department of Obstetrics and Gynecology

Giving Constructive Feedback to Residents 2019

University of Utah College of Nursing

Soundboard Feedback Mini-Workshop, Student Services Staff Retreat 2019

University of Utah SOM Core Educators Retreat

Tuning the Mentoring Soundboard: Providing Constructive Feedback in Complex Situations 2019

University of Utah Department of Anesthesiology Resident Education

Interpreting the Medical Literature 2020 – Present
 One-on-one journal club with residents on the QI Rotation
 One to two hours per month

U-CAN Workshops

Monthly one-hour (repeated 3 times) Coaching Skills Workshops 2020 – Present
 Career Mentor Training Workshops (two ½ day workshops or a series of four monthly one-hour workshops) 2022- Present

Mentoring and Coaching

Faculty Mentor

1999 - Present	Ludwig Lin, MD. Medical Director for Pharmacovigilance, Gilead Sciences
2005 - 2018	Mark Rollins, MD, PhD. Professor of Anesthesiology, Mayo Clinic, Rochester, MN.
2007 - 2018	Mark Harris, MD. Associate Professor (Clinical), Department of Anesthesiology, Associate Dean for Graduate Medical Education, University of Utah School of Medicine, Salt Lake City, UT
2007 - Present	Elizabeth Thackeray, MD. Professor (Clinical), Program Director, and Simulation Center Co-Director, University of Utah Department of Anesthesiology
2009 - Present	Jodi Sherman, MD, LMT. Associate Clinical Professor and Director of Sustainability, Yale University School of Medicine Department of Anesthesiology, New Haven, CT
2011 - 2018	Deborah Axelrod, MD. Private practice, Oregon.
2014 - 2015	Charlie Hicks-Little, PhD. Adjunct Associate Professor, Department of Exercise and Sports Science, College of Health, University of Utah. [Academy of Health Sciences Educators Mentoring Program].
2015 - 2020	Natalie Silvertson, MD. Associate Professor (Clinical) University of Utah Department of Anesthesiology, Salt Lake City, UT.
2015 – 2018	Ami Stuart, PhD, Senior Clinical Research Specialist, Medtronic, Boise ,ID
2016 -2017	Teresa L. Such-Neibar, D.O. Associate Professor, Department of Physical Medicine & Rehabilitation, Director of Pediatric Rehabilitation, Penn State Health
2016 – 2020	Emily Hagn, MD, Associate Professor (Clinical), University of Utah Department of Anesthesiology, Salt Lake City, UT.
2018 - 2019	Lauren Knecht, MD, Assistant Professor (Clinical), University of Utah Department of Anesthesiology, Salt Lake City, UT.
2018 – Present	Smitha Warriar, MD, Associate Professor (Clinical), University of Utah Department of Anesthesiology; Medical Director of Environmental and Social Sustainability, Chief Surgical Operations Officer, U Health, Salt Lake City, UT.

Coaching (Internal) (Names redacted for confidentiality)

2019 – 2020	Assistant Professor [Early Career Coaching Program, U-CAN]
2020 – 2021	Assistant Professor [Early Career Coaching Program, U-CAN]
2020 - 2021t	Assistant Professor [Early Career Coaching Program, U-CAN]
2020 – 2021	Associate Professor [Mid-Career Coaching Program, U-CAN]
2021	Professor [Mid-Career Coaching Program, U-CAN]
2021-- 2022	Associate Professor [U-CAN]

Research Fellow Mentor

1991 - 1992	Clark Sheffield, M.D. General Surgeon, private practice, American Fork Hospital, American Fork, UT
1992 - 1994	Dan Allen, M.D. Plastic Surgeon, private practice, Castro Valley, CA
1992 - 1994	David Zabel, M.D. Plastic Surgeon, private practice, Christiana Care Wound Care Center, Wilmington, DE.
1994 - 1998	Christine Doyle, M.D. Assistant Medical Director, Informatics & Analytics at Vituity; Past President, California Society of Anesthesiologists
1994 - 1996	Mark Suski, M.D. Plastic surgeon, private practice, Thousand Oaks, CA
1995 - 1997	Adam Angeles, M.D. Plastic surgeon, private practice, Bend, OR

1996 - 1998 John Feng, M.D. Medical Director of Bariatric Surgery Services at Sequoia Hospital, Redwood City, CA.

1996 - 1998 Jeff Gibson, M.D. Plastic surgeon, private practice, Miami, FL.

1997 Venkatesh Balasubramanian, M.D., PhD. University of Queensland, Australia, Anesthesia and Critical Care Medicine

1997 - 1999 Geoffrey Manley, M.D., PhD. Professor in Residence, Department of Neurosurgery, UCSF; Chief of Neurosurgery, ZSFGH, San Francisco, CA

1998 - 1999 Nancy Szaflarski, RN, PhD, FCCM. Program Director, Clinical Effectiveness Innovation, Stanford Hospitals and Clinics, Palo Alto, CA (retired)

1998 - 2001 Nancy Puzziferi, M.D. Assistant Professor of Surgery, OHSU, Portland, OR

1998 - 1999 Ludwig Lin, M.D. Medical Director for Pharmacovigilance, Gilead Sciences, San Francisco, CA

2000 - 2002 Lisa Humphrey Collins, M.D. Private practice anesthesia, San Pablo, CA

2001 Noah Rosen, M.D. Vascular surgeon, private practice, Boston, MA

2002 - 2006 Rummana Aslam, MBBS. Assistant Professor, Yale University School of Medicine Department of Orthopaedics and Rehabilitation, New Haven, CT; Medical Director, Lawrence Memorial Hospital Wound Center, New London, CT.

2003 - 2006 Jodi Sherman, MD, LMT. Associate Clinical Professor and Director of Sustainability, Yale University School of Medicine Department of Anesthesiology, New Haven, CT

2003 - 2005 Danagra Ikossi, MD. Minimally invasive surgeon, private practice, CA

2004 - 2005 Mark Rollins, M.D., PhD. Professor Anesthesiology, Mayo Clinic, Rochester, MN

2004 - 2006 Eri Fukaya, M.D. Clinical Associate Professor of Surgery and Medicine, Stanford University

2005 - 2006 Christian Ueno, M.D. Plastic Surgery, Kaiser Permanente, Tacoma, WA.

2005 - 2006 Dag Shapshak, M.D. Associate Professor of Emergency Medicine, University of Alabama, Birmingham, AL

2007 - 2008 Vanessa Hadley, MD. Private practice anesthesia.

2006 - 2007 Cristina Sullivan, MD. Private practice anesthesia.

2009 Emily Hagn, MD. Associate Professor (Clinical), University of Utah

2010 - 2015 Tyler Call, MD. Associate Professor (Clinical), University of Utah, Ramp Grant Recipient

2014 – 2016 Eric Coon, MD. Associate Professor (Clinical) of Pediatrics, University of Utah. [Academy of Health Sciences Educators Mentoring Program].

2014 – 2015 Sapna Kaul, PhD. (deceased) formerly Associate Professor, Preventive Medicine & Community Health, University of Texas Medical Branch, Galveston, TX. [Academy of Health Sciences Educators Mentoring Program].

2016 – 2017 Rebecca Desso, MD, Private practice anesthesia.

2018 – 2020 Landon Woolf, MD, Private practice anesthesia, Spokane, WA.

2018 – 2019 Jacob Pollard, MD, Assistant Professor (Clinical), Department of Anesthesiology, University of Utah, Salt Lake City, UT

Resident Advisor

2000 - 2002 Theresa Sloma, MD. Private practice anesthesia, San Diego, CA.

2001 - 2004 Jeremy Nussbaumer, MD. Private practice anesthesia, Denver, CO.

2001 - 2004 Mark Rollins, MD, PhD. Professor of Anesthesiology, Mayo Clinic, Rochester, MN

2002 - 2005 Lisa Humphrey Collins, MD. Private practice anesthesia, San Pablo, CA

2003 - 2006 Susan Wetstone, MD. Private practice anesthesia, Bellevue, WA

2003 - 2006 Amy Hansen, MD. Private practice, Fairbanks Memorial Hospital Pain Treatment Center, Fairbanks, AK

2004 - 2007 Gerard Dang, MD. Private practice anesthesia, Walnut Creek, CA

2004 - 2007 Rebecca Krisman, MD, MPH. Hospice and Palliative Care, Sacramento, CA

2007 - 2010 Diane Gordon, MD. Associate Professor, Children's Hospital of Colorado Department of Anesthesiology

2008 - 2011 Dawn Baker, MD. Private practice anesthesia.

2011-2014 Cynthia Newberry, MD. Assistant Professor (Clinical), Department of Anesthesiology, University of Utah, Salt Lake City, UT

2013 - 2016 Sarah McConville, MD. Assistant Professor of Anesthesiology and Perioperative Medicine, OHSU, Portland, OR

2020 - Present Michelle Bamgartner, MD. Anesthesia Resident, University of Utah.

PhD Mentor

1990 - 1994 Judith M. West RN, DNS. University of California San Francisco, School of Nursing, Department of Physiological Nursing, San Francisco, CA. Retired. Previously Research Coordinator, Wound Healing Laboratory, UCSF, San Francisco, CA

1991 - 1994 Nancy Szaflarski, RN, PhD, CCNP, FCCM. UCSF School of Nursing, San Francisco, CA. Qualifying Exam Committee 1992, Dissertation Committee 1992-1994. Program Director, Clinical Effectiveness Innovation, Stanford Hospitals and Clinics, Palo Alto, CA (retired)

1996 - 1999 Mark Rollins, MD, PhD. UCSF/UCB Bioengineering, San Francisco, CA. Qualifying Exam Committee, 1997, Chair, Dissertation Committee, 1997-1999. Professor of Anesthesiology, Mayo Clinic, Rochester, MN

1997 - 2002 Leslie Kenna, PhD. UCSF Department of Biopharmaceutical Sciences, San Francisco, CA. University of California San Francisco, Women in Life Sciences Mentoring Program. FDA Scientist.

2003 - 2005 Vivian Wong, RN, PhD. UCSF School of Nursing, Department of Physiological Nursing, San Francisco, CA. Qualifying Exam Committee 2003-2004, Dissertation committee 2004-2005. Associate Professor, San Jose State University College of Nursing, San Jose, CA

2005 Azucena Rodriguez, PhD. Qualifying Exam Committee 2005. Argonne National Laboratory, University of California, Berkeley

2007 - 2010 Russell Condie, BS. Co-mentor, Dissertation Committee.

Medical Student Research Mentor

1992 - 1993 Dax Swanson, MD. Private practice, Family Medicine, Quincy, CA.

1993 Ludwig Lin, MD. Medical Director for Pharmacovigilance, Gilead Sciences, San Francisco, CA

1996 - 1998 John Feng, MD. Medical Director of Bariatric Surgery Services, Sequoia Hospital, Redwood City, CA.

1997 - 1999 Ahmad Sheikh, MD. Cardiothoracic Surgeon, private practice, CA

1998 Miles Conrad, MD. Clinical Professor of Radiology, UCSF, San Francisco, CA

1999 - 2003 Melinda Bass Burnett, University of California San Francisco. Women Medical Students Association Mentoring Program. Department of Neurology, Mayo Clinic, Rochester, MN

2000 - 2001 Rebecca Krisman, MD. Private practice anesthesia, Walnut Creek, CA

2000 - 2004 Lisa Tibor, MD. Orthopedic surgeon, Kaiser Permanente, Seattle, WA

2002 - 2005 Danton Char, MD. Associates Professor, Department of Anesthesia, Stanford University School of Medicine, Palo Alto, CA

2004 Paul Afrooz, MD. Private practice, Miami, FL

2006 Joseph Tonna, MD. Associate Professor, Department of Surgery, University of Utah, Salt Lake City, UT

2007 - 2008 Nate Kofford, MD. Private practice, anesthesia Park City, UT

2007 – 2011 Natalie Mackintosh, MD. Private practice anesthesia, Austin, TX

2009 - 2012 Matt Gertsch, MD. Private practice anesthesia, UT (FAER MSARF)

2008 - 2012 Elise Mecham, MD. Private practice plastic surgery, Lehi, UT.

2009 - 2012 James Lee, MD. Associate Professor (Clinical), Department of Anesthesiology, University of Utah, Salt Lake City, UT

2010 Morgan Brgoch, MD. Assistant Professor, Division of Plastic and Reconstructive Surgery, University of Kentucky (FAER MSARF)

2010 - 2012 Eileen Super, MD. Private practice wound care, FL

2011 - 2013 Brian Ebert, DO. Private practice, Arizona (FAER MSARF)

2012 - 2015 Steven Vanhoy, MD, Acting Assistant Professor, University of Washington (FAER MSARF)

2011 – 2014 Derek Bradley, MD. Military anesthesiologist.

2014 - 2015 Kandice Olson, MD. Private practice anesthesia, UT (FAER MSARF)

2016 Maziar Nourian, MD. Anesthesia resident, Vanderbilt, TN (FAER MSARF)

2016 Ravi Patel, MD, Anesthesia resident, University of Utah (FAER MSARF)

2016 - 2019 Khaled Zaza, Medical Student, King Faisal Hospital, Saudi Arabia

2020 Varina Clark, MD, Anesthesia Resident, UCLA

Medical Student Advisor

2010 - 2011 Natalie Mackintosh, MD, Private practice anesthesia, Austin, TX

2011 -2012 Sandhya Ravichandran, MD, Private practice anesthesia, Walnut Creek, CA

2017 - 2018 Rebecca Morris, MD, Pediatric Anesthesia Fellow, Stanford, Palo Alto, CA

2014 – 2018 Michele Bamgartner, MD, Anesthesia Resident, University of Utah

2021 - 2022 Jordan Jones, Medical Student, Rocky Vista University College of Osteopathic Medicine, St. George, UT

2022 – Present Dylan Cincotta, Medical Student, University of Utah

2022 – Present Mercede Erickson, Medical Student, University of Utah

2022 - Present Nakita Ellis, Medical Student, University of Utah

2022 – Present Tricia Pendergrast, Medical Student, Feinberg School of Medicine, Chicago, IL

Masters Student Mentor

1999 - 2000 Katrin Johanesson, MS. Industry, Sweden.

2013 - 2013 Leigh Snell, BSN, RN, WOCN, ANP; Acute Care Nurse Practitioner Program. Thesis advisor; Wound, Ostomy, and Continence Nurse at Ogden Regional Medical Center, Ogden, UT

2019 Richard Gurgel, MD, MSCI. Master of Science in Clinical Investigation dissertation committee. Associate Professor of Surgery, University of Utah

High School

2004 Anna Beavis, MD, MPH. Assistant Professor, Department of Obstetrics and Gynecology, Johns Hopkins, Baltimore, MD

PEER-REVIEWED JOURNAL ARTICLES

(*Trainee Author)

(ORCID: 0000-0002-3603-5569; Google Scholar h-index 43; Scopus h-index 33)

<https://www.ncbi.nlm.nih.gov/myncbi/1rCIjMA91NIAP/bibliography/public/>

1. **Hopf HW**, Jensen JA, Hunt TK. (1988). Calculation of Subcutaneous Tissue Blood Flow. *Surgical Forum*, (39), 33-36. [Cited by 24]
2. Jensen JA, Goodson WH, **Hopf HW**, Hunt TK. (1991). Cigarette smoking decreases tissue oxygen. *Arch Surg*, 126(9), 1131-4. [Cited by 632]
3. Jonsson K, Jensen JA, Goodson WH 3rd, Scheuenstuhl H, West J, **Hopf HW**, Hunt TK. (1991). Tissue oxygenation, anemia, and perfusion in relation to wound healing in surgical patients. *Ann Surg*, 214(5), 605-13. [Cited by 572]
4. **Hopf HW**, Hunt TK. (1992). Does- and if so, to what extent- normovolemic dilutional anemia influence post-operative wound healing? *Chirurgische Gastroenterologie* 8:148-150.
5. **Hopf HW**. (1993). New Pharmacologic Approaches to Postoperative Pain Control. *Audio-Digest Anesthesiology*, 35(9).
6. **Hopf HW**, Hunt TK. (1994). Comparison of Clark electrode and optode for measurement of tissue oxygen tension. *Adv Exp Med Biol*, 345, 841-7. [Cited by 34]
7. Byl NN, McKenzie AL, West JM, Whitney JD, Hunt TK, **Hopf HW**, Scheuenstuhl H. (1994). Pulsed microamperage stimulation: a controlled study of healing of surgically induced wounds in Yucatan pigs. *Phys Ther*, 74(3), 201-13; discussion 213-8. [Cited by 94]
8. **Hopf HW**, Weitz S. (1994). Postoperative pain management. *Arch Surg*, 129(2), 128-32. [Cited by 122]
9. Zabel DD*, **Hopf HW**, Hunt TK. (1995). Transmural gut oxygen gradients in shocked rats resuscitated with heparan. *Arch Surg*, 130(1), 59-63. Cited by [39]
10. Kurz A, Sessler DI, Lenhardt R, for the Study of Wound Infection and Temperature Group [**Hopf HW**, et al.] (1996). Perioperative normothermia to reduce the incidence of wound infection and duration of hospitalization. *N Engl J Med*, 334(19), 1209-1215. [Cited by 3238]
11. Drucker W, Pearce F, Glass-Heidenreich L, **Hopf H**, Powell C, Ochsner MG, Frankel H, Murray D, Nelson M, Champion H, Rozycki G, Silva J, Malcolm D, DeNobile J, Harviel D, Rich N, Hunt TK. (1996). Subcutaneous tissue oxygen pressure: a reliable index of peripheral perfusion in humans after injury. *J Trauma*, 40(3 Suppl), S116-22.[Cited by 56]
12. Zabel DD*, **Hopf HW**, Hunt TK. (1996). The role of nitric oxide in subcutaneous and transmural gut tissue oxygenation. *Shock*, 5(5), 341-3.
13. Sheffield CW*, Sessler DI, **Hopf HW**, Schroeder M, Moayeri A, Hunt TK, West JM. (1996). Centrally and locally mediated thermoregulatory responses alter subcutaneous oxygen tension. *Wound Repair Regen*, 4(3), 339-45. [Cited by 141]
14. Knudson MM, Bermudez KM*, Doyle CA*, Mackersie RC, **Hopf HW**, Morabito D. (1997). Use of tissue oxygen tension measurements during resuscitation from hemorrhagic shock. *J Trauma*, 42(4), 608-14; discussion 614-6. [Cited by 32]
15. Allen DB*, Maguire JJ, Mahdavian M, Wicke C*, Marcocci L, Scheuenstuhl H, Chang M*, Le AX*, **Hopf HW**, Hunt TK. (1997). Wound hypoxia and acidosis limit neutrophil bacterial killing mechanisms. *Arch Surg*, 132(9), 991-6. [Cited by 603]
16. **Hopf HW**, Hunt TK, West JM, Blomquist P, Goodson WH 3rd, Jensen JA, Jonsson K, Paty PB, Rabkin JM, Upton RA, von Smitten K, Whitney JD. (1997). Wound tissue oxygen tension predicts

- the risk of wound infection in surgical patients. *Arch Surg*, 132(9), 997-1004; discussion 1005. [Cited by 813]
17. Hunt TK, **Hopf HW**. (1997). Wound healing and wound infection. What surgeons and anesthesiologists can do. *Surg Clin North Am*, 77(3), 587-606. [Cited by 319]
 18. Sheikh AY*, Gibson JJ*, Rollins M*, **Hopf HW**, Hunt TK. (1998). Increased Oxygen Tension and Wound Fluid VEGF Levels. *Surgical Forum*, (69), 607-610.
 19. Ikeda T*, Tayefeh F, Sessler DI, Kurz A, Plattner O, Petschnigg B, **Hopf HW**, West J. (1998). Local radiant heating increases subcutaneous oxygen tension. *Am J Surg*, 175(1), 33-7. [Cited by 86]
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 22. Hunt TK, **Hopf H**, Hussain Z. (2000). Physiology of wound healing. *Adv Skin Wound Care*, 13(2 Suppl), 6-11. [Cited by 448]
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 24. Weiskopf RB, Kramer JH, Viele M, Neumann M, Feiner JR, Watson JJ, **Hopf HW**, Toy P. (2000). Acute severe isovolemic anemia impairs cognitive function and memory in humans. *Anesthesiology*, 92(6), 1646-52. [Cited by 324]
 25. Plattner O, Akca O, Herbst F, Arkilic CF, Fugger R, Barlan M, Kurz A, **Hopf H**, Werba A, Sessler DI. (2000). The influence of 2 surgical bandage systems on wound tissue oxygen tension. *Arch Surg*, 135(7), 818-22. [Cited by 44]
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 27. Sheikh AY*, Gibson JJ*, Rollins MD*, **Hopf HW**, Hussain Z, Hunt TK. (2000). Effect of hyperoxia on vascular endothelial growth factor levels in a wound model. *Arch Surg*, 135(11), 1293-7. [Cited by 373]
 28. **Hopf HW**, Viele M, Watson JJ, Feiner J, Weiskopf R, Hunt TK, Noorani M, Yeap H, Ho R, Toy P. (2000). Subcutaneous perfusion and oxygen during acute severe isovolemic hemodilution in healthy volunteers. *Arch Surg*, 135(12), 1443-9. [Cited by 65]
 29. **Hopf HW**, Humphrey LM*, Puzifferri N*, West JM, Attinger CE, Hunt TK. (2001). Adjuncts to preparing wounds for closure: hyperbaric oxygen, growth factors, skin substitutes, negative pressure wound therapy (vacuum-assisted closure). *Foot Ankle Clin*, 6(4), 661-82. [Cited by 107]
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 31. Weiskopf RB, Feiner J, **Hopf HW**, Viele MK, Watson JJ, Kramer JH, Ho R, Toy P. (2002). Oxygen reverses deficits of cognitive function and memory and increased heart rate induced by acute severe isovolemic anemia. *Anesthesiology*, 96(4), 871-7. [Cited by 206]
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 34. Barbul A, **Hopf HW**. (2003). Healing Responses in Critical Illness. *Crit Care Med*, 31:493-589.

35. **Hopf HW**, Hunt TK, Scheuenstuhl H, West JM, Humphrey LM, Rollins MD. (2003). Methods of measuring oxygen in wounds. *Methods Mol Med*, 78, 389-416.
36. Weiskopf RB, Feiner J, **Hopf H**, Viele MK, Watson JJ, Lieberman J, Kelley S, Toy P. (2003). Heart rate increases linearly in response to acute isovolemic anemia. *Transfusion*, 43(2), 235-40. [Cited by 105]
37. Stotts NA, **Hopf HW**. (2003). The link between tissue oxygen and hydration in nursing home residents with pressure ulcers: preliminary data. *J Wound Ostomy Continence Nurs*, 30(4), 184-90. [Cited by 35]
38. Weiskopf RB, Aminoff MJ, **Hopf HW**, Feiner J, Viele MK, Watson JJ, Ho R, Songster C, Toy P. (2003). Acute isovolemic anemia does not impair peripheral or central nerve conduction. *Anesthesiology*, 99(3), 546-51. [Cited by 34]
39. **Hopf HW**. (2003). Development of subcutaneous wound oxygen measurement in humans: contributions of Thomas K Hunt, MD. *Wound Repair Regen*, 11:424-30. [Cited by 24]
40. **Hopf HW**. (2003). Molecular diagnostics of injury and repair responses in critical illness: what is the future of "monitoring" in the intensive care unit? *Crit Care Med*, 31(8 Suppl), S518-23. [Cited by 30]
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42. **Hopf HW**, Hunt TK, Scheuenstuhl H, West JM, Humphrey LM, Rollins MD. (2004). Measuring oxygen in wounds. *Methods Enzymol*, 381, 539-64.
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47. NA, **Hopf HW**. (2005). Facilitating positive outcomes in older adults with wounds. *Nurs Clin North Am*, 40(2), 267-79. [Cited by 22]
48. **Hopf HW**, Gibson JJ*, Angeles AP*, Constant JS*, Feng JJ*, Rollins MD*, Zamirul Hussain M, Hunt TK. (2005). Hyperoxia and angiogenesis. *Wound Repair Regen*, 13(6), 558-64. [Cited by 246]
49. Weiskopf RB, Feiner J, **Hopf H**, Lieberman J, Finlay H, Quah C, Kramer JH, Bostrom A, Toy P. (2006). Fresh blood and aged stored blood are equally efficacious in immediately reversing anemia-induced brain oxygenation deficits in humans. *Anesthesiology*, (104), 911-20. [Cited by 188]
50. Rosen NA*, **Hopf HW**, Hunt TK. (2006). Perflubron Emulsion Increases Subcutaneous Tissue Oxygen Tension in Rats. *Wound Repair Regen*, 14(1), 55-60.
51. Ueno C*, Hunt TK, **Hopf HW**. (2006). Using Physiology to Improve Surgical Wound Outcomes. *Plast Reconstr Surg* 117:59S-71S. [Cited by 134]
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LETTERS

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VIDEO/FILM/CD/WEB/RESOURCES

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10. **Hopf HW**, Liu H. (2017) Resources and Tips to Leverage the Impact of your Faculty Affairs Office on Twitter <https://www.aamc.org/download/482540/data/resources-tips-faculty-affairs-office-twitter.pdf>
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13. **Hopf HW**. Calling People Out: Staying true to you to keep your energy up. The Brave Enough Show (podcast).(2022) <https://braveenoughshow.libsyn.com/calling-people-out-staying-true-to-you-to-keep-your-energy-up>
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NEWSLETTERS

1. **Hopf HW.** (2011) Why I Give My Time and Money to FAER. 75(10):56-57.
2. **Hopf HW**, Diegelmann, B. (2012) Blast from the Past. Wound Healing Society Newsletter, 3(2):9.
3. **Hopf HW.** (2013) Blast from the Past: 1997 Annual Meeting. Wound Healing Society Newsletter, 4(3):16, 2013.
4. **Hopf HW.** (2014) Mentorship and Sponsorship: Helping Define and Navigate a Successful Career. ASA Newsletter 78(1):60-62.
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7. Warrier S, **Hopf HW.** (2018) Reusable vs. Disposable equipment: Procurement Considerations. ASA Monitor 82:22-24.
8. Beers R, **Hopf, HW.** (2020) Infection Prevention Policies Should Consider Environmental Harms and Population Health. ASA Monitor; 84:26–28.
9. **Hopf HW**, Chesebro BB, Sherman JD. (2020) Healthcare Sustainability Science: The Next Frontier for Clinician Scientists in Anesthesiology. ASA Monitor, 84:54–55.
10. **Hopf HW**, Dew LI. (2020) Diversity: Value, Barriers, Solutions. ASA Monitor; 84:28–29.
11. **Hopf HW.** (2020) Advancing Diversity in Research. ASA Monitor; 84:41.
12. **Hopf HW.** (2020) Adapting the Medical Student Anesthesia Research Fellowship Program to a Virtual Environment. ASA Monitor; 84:45.
13. **Hopf H**, Tawfik, V. (2021) The Power of Mentorship. Dartmouth Medicine, Fall 2021.
14. Swerdlow B, **Hopf HW.** (2022) Practical Approaches to Reducing Cross-Contamination. ASA Monitor, 86:23.

PRESENTATIONS

Keynote/Plenary Lectures

International

- | | |
|------|---|
| 1999 | "Provisional Guidelines for Chronic Wound Care: Arterial Ischemic Ulcers". Joint Annual Meeting, Wound Healing Society and Wound, Ostomy, and Continence Nurses Society Minneapolis, MN |
| 1999 | "Critical Illness and The Healing Wound". Society of Critical Care Medicine 28th Educational & Scientific Symposium San Francisco, CA |
| 2000 | "Practical Guidelines for Arterial Ulcer Care". Wound Healing Society and Wound, Ostomy, and Continence Nurses Society Annual Meeting Toronto, Ontario, Canada |
| 2002 | "Oxygen, Infection, and Wound Healing". Wound Healing, Oxygen and Emerging Therapeutics, Columbus, OH |
| 2003 | "Measuring Oxygen in Human Wounds". Scientific Symposium Honoring Thomas K. Hunt, MD San Francisco, CA |
| 2004 | "The Potential Value of in vivo EPR for Measurements in Anesthesia". International Workshop on in vivo EPR, Dartmouth Medical School, Hanover, NH |

- 2005 "Measurement of Organ Tissue Oxygen Levels During Hyperoxia Using Electron Spin Resonance". Electron Paramagnetic Resonance. Columbus, OH
- 2006 "Arterial Insufficiency Ulcers Guidelines." Wound Healing Society Annual Meeting, Phoenix, AZ
- National
- 1994 "New Pharmacologic Agents in the Treatment of Postoperative Pain". The Changing Practice of Anesthesia, UCSF, San Francisco, CA
- 1994 "Ketorolac for Postoperative Pain Relief". The Changing Practice of Anesthesia, UCSF, San Francisco, CA
- 1996 "Oxygen and Wound Healing". Winter Symposium on Baromedicine, Snowbird, UT
- 1997 "Oxygen and Infection". Dow Hickam Pharmaceuticals Fellowship Award Symposium, Berkeley, CA
- 1998 "Principles of Wound Healing". Society for Cardiovascular & Interventional Radiology Annual Meeting, San Francisco, CA
- 1999 "Practical Pain Management In Patients With Wounds". Symposium On Advanced Wound Care Management Anaheim, CA
- 1999 "What the Practitioner Can Do To Improve Wound Outcomes". Changing Practice of Anesthesia, UCSF UCSF, San Francisco, CA
- 2000 "Hyperbaric Oxygen and Wound Healing". Pacific Coast Chapter UHMS Annual Scientific Meeting San Francisco, CA
- 2001 Oxygen and Wound Healing Symposium on Advanced Wound Care Las Vegas, NV
- 2002 "Point-Counterpoint: HBO does not contribute to clinical wound healing (con)". Wound Healing Society Annual Meeting, Baltimore, MD
- 2002 "Overcoming Obstacles to Oxygen Delivery in Wounds". Symposium on Advanced Wound Care Baltimore, MD
- 2003 "Wound Healing and Oxygen". American Academy of Dermatology Annual Meeting, San Francisco, CA
- 2003 "Wound Healing and Oxygen". Symposium on Advanced Wound Care, Las Vegas, NV
- 2004 "Wound Healing: Can We Help?". Epidural Analgesia and Maternal Temperature Obstetrical Anesthesia 2004, San Francisco, CA
- 2004 "New Approaches to Difficult Wound Healing Challenges: Heat and Oxygen". American Society of Plastic Surgeons, Philadelphia, PA
- 2004 "Soft Tissue Radionecrosis II: Bladder, Rectum, Colon Chronic Refractory Osteomyelitis". Hyperbaric Medicine 2004, *Columbia*, SC
- 2005 "Optimizing Wound Healing". Antepartum and Intrapartum Management 2005, San Francisco, CA
- 2005 "Wound Healing and Oxygen Iatrogenic Gas Embolism: Diagnosis and Treatment" Winter Symposium on Hyperbaric Medicine and Wound Management Breckenridge, CO
- 2005 "Molecular Diagnosis of Injury and Repair Responses in Critical Illness". Society of Critical Care Medicine Annual Meeting, Phoenix, AZ
- 2005 "Oxygen and Wound Healing Panel. Wound Healing: What Works and What Doesn't" American College of Surgeons Annual Meeting San Francisco, CA
- 2006 "Hyperbaric Medicine: an Overview." Wound Healing Society Annual Meeting, Phoenix, AZ

- 2006 "Update on Oxygen and Wound Healing". Wound Care in the 21st Century: Genomics and Wound Healing Winter Symposium on Hyperbaric Medicine and Wound Management Copper Mountain, CO
- 2006 "Introduction to Arterial Ulcers Guidelines". Wound Healing Society Guidelines Consensus Conference NIH, Bethesda, MD
- 2006 "Is There Value in Sea Level Oxygen?". Symposium on Advanced Wound Care, San Antonio, TX
- 2006 "Wound Care Advances for the Coming Decade." Hyperbaric Medicine 2006, Columbia, SC
- 2006 "Comprehensive Wound Healing Center." Hyperbaric Medicine 2006, Columbia, SC
- 2010 "Advances in Hyperbaric Medicine: Wound Healing Mechanisms." Hyperbaric Medicine 2010, Columbia, SC
- 2011 "Managing Mentoring Relationships." 50 Years of Women at Dartmouth Medical School: Stories of Yesterday, Conversations on our Future. Dartmouth Medical School, Hanover, NH
- 2012 "Do You Want a Mentor or A Sponsor? And What's the Difference Anyway?" Meet the Mentors Workshop, WHS Annual Meeting, Atlanta, GA
- 2014 "Personalized Medicine: What Does the HBO/WC Practitioner Need to Know?" Winter Symposium on Hyperbaric Medicine, Breckenridge, CO.
- 2014 "Common Mechanisms for the Effectiveness of Hyperbaric Oxygen." Winter Symposium on Hyperbaric Medicine, Breckenridge, CO.
- 2014 "Clinical Cases." Winter Symposium on Hyperbaric Medicine, Breckenridge, CO.
- 2014 "Optimizing Pain in Chronic Wounds." Winter Symposium on Hyperbaric Medicine, Breckenridge, CO.
- 2016 "Wound Management: Beyond Wet to Dry." Winter Symposium on Hyperbaric Medicine, Snowbird, UT.
- 2022 "The Value of an Internal Coaching Program for Early Career Faculty Members." Leadership Advisory Board Panel I: Developing the Academic Anesthesiologists of the Future: Diversity, Mentoring, and Coaching. AUA Annual Meeting, Virtual.
- 2022 "Infection Prevention and Control Can Become Environmentally Sustainable." Society of Healthcare Epidemiologists of America (SHEA) Annual Meeting, Colorado Springs, CO
- 2022 "Using STARS to Create Your Elevator Pitch." Second Annual FAER Mentored Research Training Grant Recipient Workshop, Washington, DC.
- 2023 **Hopf HW**, Pollart SP. "Building Your Career Infrastructure." Workshop. Yale School of Medicine Office of Women in Medicine and Science. New Haven, CT.

Local/Regional

- 1996 "Treatment of Hypoxic Non-Healing Lower Extremity Ulcers". Undersea and Hyperbaric Medical Society, Pacific Chapter Annual Meeting, San Francisco, CA
- 2000 "It's Not What You Think: Anesthesia Influence on Surgical Outcomes". 14th Annual Kaiser Permanente Anesthesia Symposium, San Francisco, CA
- 2001 "Obstacles to Wound Repair". Basics of Wound Care Symposium, Wound Healing Society Annual Meeting, Albuquerque, NM
- 2002 "Venous Insufficiency Ulcers and Cellulitis". UCSF Department of Nursing Annual Skin and Wound Class, San Francisco, CA
- 2002 "Pain Management: The Basics of Wound Care Symposium". Wound Healing Society Annual Meeting, Baltimore, MD

- 2003 "Tissue Perfusion and Oxygenation". California Surgical Site Infection Prevention Collaborative, Sacramento, CA
- 2003 "Adjuncts in Wound Care: Creating the Proper Environment". Basics of Wound Care Symposium, WHS Annual Meeting, Seattle, WA
- 2003 "Tissue Perfusion, Oxygenation, and Surgical Site Infection". Orange County Association for Professionals in Infection Control, Santa Ana, CA
- 2003 "Engaging the Hospital's Anesthesiologists in Decreasing Surgical Site Infections". California Surgical Site Infection Prevention Collaborative, Sacramento, CA
- 2003 "Optimizing Tissue Perfusion and Oxygenation: Nuts and Bolts". California Surgical Site Infection Prevention Collaborative, Sacramento, CA
- 2004 "Report of SIP Guidelines Work Group Optimizing Tissue Perfusion and Oxygenation." California Surgical Site Infection Prevention Collaborative, Sacramento, CA
- 2004 "Tissue Perfusion". Lumetra Fast Track to Quality Workshop, Pasadena, CA
- 2004 "The Prevention of Surgical Site Infections and Ventilator Associated Pneumonia". Surgical Care Improvement Collaborative Learning Session 1, Newport Beach, CA
- 2004 "SIP Collaborative Experience". Lumetra Hospital Advisory Group, San Francisco, CA
- 2011 "Mentoring Workshop" Dartmouth Medical School: 50 Years of Women at DMS Opening Celebration, Hanover, NH
- 2012 "Mentors and Sponsors: How to Find Them and Keep Them." North Carolina State ADVANCE Statewide Conference: Advancing Strategic Partnerships: Women and Minorities in STEM, Raleigh, NC (also conference co-organizer)
- 2014 "Education: A Pathway for Career Advancement." Academy of Health Sciences Educators Education Symposium, University of Utah
- 2014 "Staying on the Faculty Track: Navigating Career and Life in Academia." College of Nursing, University of Utah, Salt Lake City, UT
- 2016 "Developing a Community of Mentorship and Sponsorship", Academy of Health Sciences Educators Education Symposium, University of Utah
- 2017 Mentor Development Workshop: Being a Better Mentor by Engaging in Difficult Conversations and Providing Constructive Feedback," Academy of Health Sciences Educators Education Symposium, University of Utah
- 2018 "Mentoring Committee Workshop: Providing Constructive Feedback in Complex Situations," Academy of Health Sciences Educators Education Symposium, University of Utah

Meeting Presentations (Not Published Abstracts and Not Unpublished Posters)

International

- 1997 "Discussant: Local Anesthesia/Pain Session". International Anesthesia Research Society Annual Meeting, San Francisco, CA
- 2011 "Use of a Newsletter to Facilitate Communication and Increase Participation and Sense of Belonging in WiMS." Hopf HW, Allie JL, DeMar K. GWIMS Poster Session, Association of American Medical Colleges Annual Meeting, Denver, CO

- 2012 “Re-Thinking the Structure of Tenure: A Case Analysis of the Adoption of a Part-Time Tenure Policy” Allie JL, Hopf HW, Olson S. GWIMS Poster Session, Association of American Medical Colleges Annual Meeting, San Francisco, CA
- 2012 “Using a Liberating Structure to Identify Avenues to Inclusion.” Rao SN*, Ahmad S*, Kratochvil H*, Woodbury K*, Hopf HW. GWIMS Poster Session, Association of American Medical Colleges Annual Meeting, San Francisco, CA
- 2014 Hopf HW, Byington CL. Engaging School of Medicine Faculty in the Revision of Promotion and Tenure Criteria. Poster Session, Association of American Medical Colleges Annual Meeting, Chicago, IL
- 2014 Akimseu P, Hopf H, Cundey J, Garvin J, Mauger J, Peacock P. Poster Session, Streamlining the SOM Appointment Process. Group on Faculty Affairs Annual Professional Development Conference, Boston, MA

Invited / Visiting Professor Presentations

International

- 1998 “Tissue Healing & Immune Enhancement: Researching the Health Actions of Advanced Meditation.” Tibet House New York and Beth Israel Healthcare Systems Institute of Neurology & Neurosurgery, New York, NY
- 1999 “The Role of Warming and Oxygen Tension In Wounds”. A Symposium on Thermoregulation In Wound Care, St. Anne’s College and Green College, University of Oxford England, United Kingdom
- 2001 “Is There a Role for Local Warming in the Treatment of Arterial Insufficiency Ulcers?” Symposium on Wound Healing and Thermoregulation Freiburg, Germany
- 2010 “Pharmaceutical Waste and Anesthesia.” American Society of Anesthesiologists Annual Meeting, San Diego, CA
- 2011 “Pharmaceutical Waste and Anesthesia- Management Strategies.” American Society of Anesthesiologists Annual Meeting, Chicago, IL
- 2012 “Green Practice And Infection Control: Is Green Patient Safety A Reality?” American Society of Anesthesiologists Annual Meeting, Washington, DC.
- 2012 “Personalized Medicine: What Does That Mean for Wound Healing?” World Union of Wound Healing Societies Meeting, Yokohama, Japan
- 2012 “Surgical Site Infection Prevention: What is the Evidence?” European Tissue Repair Society Annual Meeting, Athens, Greece
- 2013 “Prefilled Syringes - Are They Worth It?” American Society of Anesthesiologists Annual Meeting, San Diego, CA.
- 2013 “Intravenous Anesthetics, Anesthetic Pharmacology: Planning for Recycling and Reuse.” American Society of Anesthesiologists Annual Meeting, Washington, DC.
- 2014 “Effective Preparation and Contamination Minimization.” American Society of Anesthesiologists Annual Meeting, New Orleans, LA.
- 2015 Ebola, MRSA, and Prions, Oh My! Equipment, Supplies and Trash. American Society of Anesthesiologists Annual Meeting, San Diego, CA.
- 2017 “Anesthesia and Wound Healing.” Symposium on Advanced Wound Care, San Diego, CA.
- 2017 “Anesthesiology Education Research: How to Design, Support, and Publish Your Educational Research Projects.” FAER Research and Education Mentors Academy Panel, American Society of Anesthesiologists Annual Meeting, Boston, MA.
- 2017 “MRSA, and Prions, and Trash, Oh, My! Equipment, Supplies and Infection Control.” American Society of Anesthesiologists Annual Meeting, Boston, MA.

- 2018 “Balancing Sustainability and Infection Control.” Workshop on Environmental Sustainability in Clinical Care, New Haven, CT.
- 2019 “Saying No By Finding Your Yes.” Emerging Leaders Conference, Australian and New Zealand College of Anaesthetists, Kuala Lumpur, Malaysia.
- 2019 “Mentoring: Finding Your Guru.” Australian and New Zealand College of Anaesthetists Annual Scientific Meeting Pre-Course, Kuala Lumpur, Malaysia.
- 2019 “Leadership in My World.” Panel, Australian and New Zealand College of Anaesthetists Annual Scientific Meeting, Kuala Lumpur, Malaysia.
- 2019 “Greening Anesthesia: Environmental Impact as a Patient Safety Issue.” Australian and New Zealand College of Anaesthetists Annual Scientific Meeting, Kuala Lumpur, Malaysia.
- 2019 “Saying No By Finding Your Yes.” International Anesthesia Research Society, Montreal, Quebec, Canada.
- 2019 “Impact of incivility in the workplace.” International Anesthesia Research Society, Montreal, Quebec, Canada.
- 2020 “Creating Your Individual Development Plan.” International Anesthesia Research Society, San Francisco, CA. (Canceled due to COVID-19)
- 2021 “Safe and Sustainable: Toward a Circular Economy in Perioperative Healthcare.” CARE Webinar: The Future of Sustainability in Healthcare, Fisher & Paykel (virtual).
- 2021 “How Do Harassment, Mistreatment, and Discrimination Contribute to Burnout in Clinical Medicine. Panel on Burnout, ASA Annual Meeting, San Diego, CA

National

- 1992 "Mechanisms of Wound Repair". Workshop on Musculoskeletal Infection, Dallas, TX
- 1992 "The Effect of Perioperative Clonidine on Wound Healing". Transdermal Clonidine: A Forum for Current Findings, Laguna Niguel, CA
- 1998 "Wound Healing and Oxygen". Wound Management & Hyperbaric Therapy Conference
Western Medical Center, Santa Ana, CA
- 1998 "Wound Management and Hyperbaric Therapy". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 1998 "General Principles of Wound Care". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 1998 "Assessment and Treatment of Wound Hypoxia". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 1998 "Chronic Wounds". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 1998 "Normal Wound Healing". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 1998 "The Role of Oxygen in Wound Healing". University of Pennsylvania Medical Center and School of Medicine Philadelphia, PA
- 2011 Organization of Student Representatives Breakout: Creating a Career in Academic Medicine. Panelist. Association of American Medical Colleges Annual Meeting, Denver, CO
- 2011 “Best Practices for Treatment and Prevention of Arterial Ulcers.” Hyperbaric Technicians & Nurses Association (HTNA) Conference, Sydney, Australia
- 2011 “Wound Healing and Oxygen.” Hyperbaric Technicians & Nurses Association (HTNA) Conference, Sydney, Australia

- 2012 Sakai T, Hopf HW, Metro DG, Emerick TD. "How to Improve Resident Scholarly Activity in Your Department" Workshop at the Society for Education in Anesthesia 27th Annual Meeting, Milwaukee, WI
- 2012 "Common Mechanisms for the Effectiveness of Hyperbaric Oxygen." 4th Annual T2C Wound Care Conference, Columbus, OH.
- 2013 Sakai T, Hopf HW, Beaman, S, Emerick TD. "How to Improve Resident Scholarly Activity in Your Department" Workshop at the Society for Education in Anesthesia 28th Annual Meeting, Salt Lake City, Utah
- 2013 "Empiric Evidence for a Genetic Contribution to Predisposition to Surgical Site Infection." Collaborative Research Forum, Phoenix, AZ.
- 2014 "Have Faculty Tracks Gone Off the Tracks?" Group on Faculty Affairs Professional Development Conference, Boston, MA.
- 2014 "Compensation and Tenure: Flexibility in a Traditional Environment." Panel. Association of American Medical Colleges Annual Meeting, Chicago, IL.
- 2015 "SCIP: Don't Throw Out the Baby With the Bathwater." University of Utah 60th Annual Update in Anesthesiology, Park City, UT.
- 2015 "Pollution vs. Infection Prevention: How Much Trash Do We Need?" CleanMed 2015, Portland, OR.
- 2016 "Perioperative Temperature Management: Time for a New Standard of Care?" University of Utah 60th Annual Update in Anesthesiology, Park City, UT.
- 2017 "Environmental Impact of Anesthesia." University of Utah 61st Annual Update in Anesthesiology, Park City, UT.
- 2017 "The Wound Microenvironment: Acute versus Chronic." Wound, Ostomy and Continence Nurses Society Annual Conference, Salt Lake City, UT
- 2017 "Diversity in Leadership: Leaning Together." Women in Anesthesiology Annual Conference Keynote Address. Boston, MA
- 2020 "How Diversity Provides a Competitive Advantage to Your Organization." ASA Practice Management 2020, Las Vegas, NV.
- 2020 "Differentiating Diversity and Inclusion." ASA Committees on Women in Anesthesia, Professional Diversity, and Young Physicians Round Table on Diversity, virtual.
- 2020 "Differentiating Diversity and Inclusion." ASA Board of Directors Meeting, virtual.
- 2022 Pollart S, **Hopf HW**. "A Faculty Development Curriculum Focused on Building Your Career Infrastructure" AAMC Group on Faculty Affairs Professional Development Conference Ignite Session (Virtual).
- 2022 **Hopf HW**, Fix M, Anderson K, Glasgow T. "Utah Coaching and Advancement Network: Building a Grassroots Coaching Culture." AAMC Group on Faculty Affairs Professional Development Conference Ignite Session (Virtual).
- 2022 **Hopf HW, Pollart S**. "Building your Advancement Portfolio: Creating a Database of Accomplishments." AAMC Group on Faculty Affairs Professional Development Conference, Skills-Based Workshop (Virtual).
- 2022 Launiere B, Hopf L, Osborn A, **Hopf H**. "Minds, hearts and wallets: secrets to engaging donors." American Volleyball Coaches Association (AVCA) Annual Convention, Omaha, NE
- 2022 **Hopf HW**, Shillcutt S, Launiere B, Patterson C. How Women Win: A Conversation on Parallels Between Medicine & Coaching. AVCA Annual Convention, Omaha, NE

Local/Regional

- 1992 "Wound Healing and Oxygen". Podiatry Department, Stanford University, Palo Alto, CA
- 1992 "A Young Woman Doctor's Perspective on a Medical Career". Women and Science, Wake Forest University, Winston-Salem, NC
- 1997 "Tissue Oxygenation as a Measure of Resuscitation in Trauma Patients". Selected Topics in Intensive Respiratory Care, SFGH, San Francisco, CA
- 1998 "Wound Healing and Oxygen". Comprehensive Wound Healing Center Open House, Mercy Wellness Center, Philadelphia, PA
- 2001 "Hyperbaric Oxygen and Wound Healing". Symposium on Wound Care and Hyperbaric Oxygen, London, England
- 2002 "Measurement of Tissue Oxygen in vivo". Conference on Right-shifted Red Cells, Maxcyte, Inc., Gaithersburg, MD
- 2002 "The Use of Warm-Up in Wound Care: Creating a Proper Environment". San Francisco-San Mateo County Podiatric Medical Society
- 2002 "New Advances in Wound Care: Creating the Proper Environment". Wound Care 2002: Advances and Technology, Stanford Center for Education, Palo Alto, CA
- 2004 "Wound Management: Preventing Complications and Optimizing Healing". Department of Obstetrics and Gynecology Santa Clara Valley Medical Center, Santa Clara, CA
- 2004 "Current Concepts in Wound Healing". UCSF Department of Physical Therapy Doctoral Colloquium, San Francisco, CA
- 2005 "Wound Care: The Basics and a Little Bit More". Saint Francis Memorial Hospital Women Physicians Group, San Francisco, CA
- 2007 "Who Gets What Out of Mentoring?" Mentoring for U Workshop, University of Utah, Salt Lake City, UT
- 2007-2017 Annual Lecture: "Mentoring." Master of Science in Clinical Investigation program, University of Utah, Salt Lake City, UT
- 2009 "Setting the Women in Medicine and Science Agenda." WiMS Tools for Success Seminar Series, University of Utah, Salt Lake City, UT
- 2010 "Mentoring." American Medical Women's Association seminar, University of Utah, Salt Lake City, UT
- 2010 "Leadership Skills: Where Do I Go From Here?" Transition to Practice Series, Department of Psychiatry, University of Utah, Salt Lake City, UT
- 2010 "Promotion and Mentoring: What Can the Office of Faculty Administration Do For You?" Faculty Meeting, Department of Psychiatry, University of Utah, Salt Lake City, UT
- 2010 "Aspire." University of Utah Pre-Medical Conference, Salt Lake City, UT
- 2010 "PowerPoint Presentations." Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2010 "Changing the Face of Medicine: Across Generations, Across Disciplines." Panel Moderator. Eccles Health Sciences Library Changing Faces of Medicine National Library of Medicine Exhibit.
- 2012 "Mentors and Sponsors: How to Find Them and Keep Them." Department of Pediatrics Career Day, University of Utah, Salt Lake City, UT
- 2013 "PowerPoint Presentations." Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2013 Creative Solutions: Shaping a Woman's Place in the World, Honors College Panel, University of Utah, Salt Lake City, UT

- 2013 Panel for Premedical Students, Westminster College Honors Program, Salt Lake City Utah
- 2014 “PowerPoint Presentations.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2014 “Understanding the New Faculty Review and Advancement Criteria.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2015 “Understanding the New Faculty Review and Advancement Criteria.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2015 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2016 “Understanding the New Faculty Review and Advancement Criteria.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2016 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2017 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2018 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2018 “Developing Your Mentoring Team.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2019 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2020 “Creating an Effective Presentation.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2020 “Creating an Individual Development Plan, UCSF Department of Anesthesia and Perioperative Care Faculty Development Series (virtual)
- 2021 “Tell Less, Know More: Effective Presentations.” Department of Pediatrics Fellows Conference, University of Utah, Salt Lake City, UT
- 2021 “Safe and Sustainable: Toward a Circular Economy in Perioperative Healthcare” Epstein Lecture. Woods Hole, MA.
- 2022 “Developing the Next Generation of Physician Investigators.” California Society of Anesthesiologists Annual Meeting. San Diego, CA.
- 2022 “Why Leaders Must Create a Culture of Diversity.” California Society of Anesthesiologists Annual Meeting. San Diego, CA.
- 2022 Hopf HW, Warrier S. Graceful Self-Promotion Workshop. Women’s Leadership Day for women faculty on the health campus. University of Utah, Salt Lake City, UT.

Visiting Professor

- 2000 Washington University, Department of Anesthesia, St. Louis, MO
- 2004 Dartmouth Medical School, Department of Anesthesia, Lebanon, NH
- 2006 University of Pennsylvania, Department of Anesthesia, Philadelphia, PA
- 2009 Stony Brook University, Department of Anesthesia, Stony Brook, NY
- 2011 NYU School of Medicine, Department of Anesthesia, New York, NY
- 2012 Hackensack University Medical Center, Department of Surgery, Hackensack, NJ
- 2013 Yale University, Department of Anesthesia, New Haven, CT
- 2014 Boston University, Departments of Anesthesia and Surgery, Boston, MA

- 2016 University of New Mexico, Department of Anesthesiology, Albuquerque, NM
 2018 Columbia University Irving Medical Center, Department of Anesthesiology, New York, NY
 2019 Beth Israel Deaconess Medical Center, Department of Anesthesia, Critical Care, and Pain Medicine
 2019 University of Iowa Carver College of Medicine, Department of Anesthesia, Iowa City, IA
 2022 Patricia Kapur Visiting Professor, UCLA Department of Anesthesiology and Perioperative Medicine, Los Angeles, CA
 2023 Visiting Professor, University of Vermont Department of Anesthesiology, Burlington, VT

Grand Rounds Presentations

- 1994 Anesthesia and Wound Healing Resident Lecture, Royal Melbourne Hospital, Melbourne, Australia
 1994 Wound Healing and Nutrition Department of Pediatric Gastroenterology Hepatology and Nutrition UCSF, San Francisco, CA
 1994 Wound Healing and Tissue Oxygenation Grand Rounds, Mills Hospital, San Mateo, CA
 1996 Wound Healing and Oxygen SFGH Surgery/Anesthesia Research Conference, San Francisco, CA
 1997 Diabetic Foot Ulcers: New Approaches to Treatment Grand Rounds, Akron General Hospital, Akron, OH
 1997 Hyperbaric Oxygen in the Treatment of the Traumatic Wound; Pain Management in the Trauma Patient. Trauma, The Challenge. Washoe Medical Center Reno, NV
 1997 Tissue Oxygenation as a Measure of Resuscitation in Trauma Patients SFGH Anesthesia/Surgery Trauma Dinner, San Francisco, CA
 1997 Treatment of Non-Healing Wounds Neurosciences Grand Rounds Santa Clara Valley Medical Center, San Jose, CA
 1998 Chronic Wounds Grand Rounds, University of California, Davis-East Bay, Department of Surgery, Oakland, CA
 1998 Pressure Ulcers St. Helena Hospital Community Hospital Outreach Program, UCSF Clinical Conference Deer Park, CA
 2001 Current Concepts in Pain Management Grand Rounds, UCSF-East Bay Department of Surgery Oakland, CA
 2001 Wound Healing and Oxygen UCSF Department of Surgery Grand Rounds, San Francisco, CA
 2002 Can Anesthetic Technique Promote Wound Healing? Grand Rounds, Department of Anesthesia Hospital for Special Surgery, New York, NY
 2003 Oxygen and Wound Healing Grand Rounds, UCSF Department of Obstetrics, Gynecology and Reproductive Sciences, San Francisco, CA
 2004 Body Heat UCSF Department of Surgery Grand Rounds, San Francisco, CA
 2004 Management of Wound Infections Grand Rounds, UCSF Department of Obstetrics, Gynecology, and Reproductive Services, San Francisco, CA
 2005 "Wound Management: Preventing Complications and Optimizing Healing". Department of Obstetrics and Gynecology, El Camino Hospital, Mountain View, CA
 2005 Basic Wound Care: Creating the Proper Environment Grand Rounds, St. Mary's Medical Center San Francisco, CA

- 2005 Best Practices in Surgical Site Infection Prevention Grand Rounds, Dominican Hospital Santa Cruz, CA
- 2005 Best Practices in Surgical Site Infection Prevention Grand Rounds, Watsonville Community Hospital Watsonville, CA
- 2016 “Career Development” Plastic Surgery Grand Rounds, University of Utah
- 2020 “Implementing Infection Control Strategies,” Department of Anesthesiology and Perioperative Medicine, Mayo Clinic, Rochester, MN (virtual)
- 2022 “Safe and Sustainable: Balancing Infection Control and Environmental Health. University of Nebraska Department of Pediatrics, Omaha, NE

Outreach Presentations

- 1994 Mercy Hospital. Epidural Analgesia Nursing Seminar, Auckland, New Zealand
- 1995 Mercy Hospital. Assessment and Treatment of Postoperative Pain Nursing Seminar, Auckland, New Zealand

OTHER SCHOLARLY ACTIVITY

Other Scholarly Activities: Courses/Training

- 1991 Statistics Course
Department of Anesthesia, University of California San Francisco (one year)
- 1991 Training in Clinical Research
Department of Epidemiology and Biostatistics, University of California San Francisco. (3 month)
- 2000 Primary Training in Hyperbaric Medicine (40 hrs)
National Baromedical Services, Palmetto Richland Memorial Hospital, Columbia, SC
- 2003 NOAA/UHMS/USRF Physicians Training in Diving Medicine Course (80 hrs)
National Oceanic and Atmospheric Administration Dive Center, Seattle, WA
- 2008 - 2009 Executive Leadership in Academic Medicine Fellowship, Drexel University, Philadelphia, PA (one year)
- 2011 - 2012 APEL Scholar (Academy of Pediatric Education and Leadership); Department of Pediatrics, University of Utah, Salt Lake City, UT (one year)
- 2019 Center for Creative Leadership, Benchmarks 360 Assessment Certification Workshop, San Diego, CA (3 days)
- 2020 Center for Creative Leadership, Better Conversations and Coaching Workshop I, Colorado Springs, CO. (3 days)
- 2020 MBTI Strong Interest Inventory Certification, online (40 hours)
- 2020 MBTI Step I Certification, online (48 hours)
- 2020 Center for Creative Leadership, Better Conversations and Coaching Workshop II, virtual (20 hours)