

Michael S. Hayashi, MD FACS

GOV. MSG. NO. 710

Education/Training:

Surgical Critical Care Fellow
University of Hawaii
Department of Surgery

General Surgery Resident
Surgical Research Resident
University of California, Irvine
Department of Surgery

University of Hawaii at Manoa
John A. Burns School of Medicine
Kaka'ako Waterfront Campus

Degree earned: M.D.

University of Hawaii at Manoa

Degree Earned: B.A. Biology

Academic and Hospital Appointments:

Medical Director, Trauma Services
Medical Director, Acute Care Surgery
The Queen's Medical Center
Honolulu, HI 96813

October 2013 – present
February 2013 – present

Curriculum Vitae

Surgical Intensivist Trauma, General Surgery, Surgical Critical Care The Queen's Medical Group 1301 Punchbowl Street Honolulu, HI 96813	January 2012 – present
Surgical Intensivist Trauma, General Surgery, Surgical Critical Care University Clinical, Education and Research Associates Faculty Practice Organization, University of Hawaii	October 2010 – January 2012
Research Coordinator University of Hawaii, Department of Surgery	July 2010 – September 2010
Assistant Clinical Professor Core Faculty, General Surgery Residency Program Core Faculty, Surgical Critical Care Fellowship Program Department of Surgery, University of Hawaii	July 2010 – present
Trauma Rotation Coordinator Transitional Year, Orthopaedics, Otolaryngology residents Core Faculty, Transitional Year Residency Program Tripler Army Medical Center	October 2013 – present
Attending Surgeon and Intensivist The Queen's Medical Center 1301 Punchbowl Street Honolulu, HI 96813	July 2010 – present
<u>State and Regional Appointments:</u> Consultant, Trauma Systems Committee Committee on Trauma, American College of Surgeons	March 2020 - present
State of Hawaii, Chair (Region 9) Committee on Trauma, American College of Surgeons	October 2013 – March 2020
State of Hawaii, Trauma Medical Director Oahu Regional Trauma Advisory Committee, Chair Hawaii Trauma Advisory Committee, Member Emergency Medical Services and Injury Prevention Branch State of Hawaii, Department of Health	January 2017 – present October 2013 – present October 2013 – present

Curriculum Vitae

Hawaii State Councilor
Southwestern Surgical Congress April 2016 – present

Physician Representative (Governor appointed)
Emergency Medical Services Advisory Committee July 2017 – present
State of Hawaii, Boards and Commissions

Other Teaching Related:

ATLS Instructor & Director 2014 – present
ASSET Instructor & Director 2016 - present
RTTDC Instructor & Director 2018 – present
Stop the Bleed Instructor & Director 2016 - present

Core Faculty & Surgery Representative July 2011 – June 2018
Transitional Year Residency Program
Department of Surgery, University of Hawaii

Associate Program Director July 2011 – Sept 2017
Resident Rotation Development & Management July 2012 – June 2018
Joint Tripler Army Medical Center/University of Hawaii July 2011 – June 2017
Mock Surgical Oral Board Exam coordinator
General Surgery Residency Program
University of Hawaii

Problem-Based Learning Tutor
3rd year Medical Student Surgery Clerkship
University of Hawaii

ME 696 – Advanced Topics in Mechanical Engineering Spring 2012, Fall 2012
Project Advisor
Biomedical Technology Development
University of Hawaii at Manoa

Committee Involvement:

Hospital

QHS COVID Management 2020-2021
ICU & Med/Surg/Tele Surge, Triage/Scarce Resource Allocation,
Ventilator Surge, Renal Replacement Surge, Blood Bank Allocation,
Transfer Management, Surgical Service Planning

QMG Executive subcommittee 2020-present
QMC Call Committee 2017-present

Curriculum Vitae

QMC MEC Ad-hoc Committee for Surgeon Peer Review	2017
QMC Difficult Airway Response Team committee	2016-2017
QMC Surgical Hale (Quality)	2016-present
QMC Clinical Lab Utilization Committee	2015-present
QMC Trauma Executive Committee, Chair	2014-present
QMC Blood Utilization Committee	2014-present
QMC Disaster Management Committee	2014-present
QMC NSQIP committee	2013-present
Queen's Medical Group (QMG), Executive Council	2012-2020
QMC Chief of Surgery Selection Committee	2011
Hawaii Critical Care Lecture Series coordinator	2009-2010
QMC Special Care (ICU) Committee	2009-present

University

UH Transitional Year Residency Program Selection Committee	2011-2018
UH General Surgery Residency, Promotion Committee	2011-present
UH General Surgery Residency, Directors of Surgical Education	2011-present
Tripler Army Medical Center Transitional Year Residency Program Clinical Competency Committee	2013-present

Regional

State Emergency Medical Services Advisory Committee, Member	2013-present
Oahu Regional Trauma Advisory Committee, Chair	2013-present
Hawaii Trauma Advisory Committee, Member	2013-present

National

COT Trauma Systems Committee	2018-present
Rural Trauma Committee	2018-2020
COT Level III TQIP subcommittee	2018-2020
COT PIPS, TQIP Essential Elements working group	2016-2018
ACS COT PIPS Committee member	2014-2018
State of Hawaii Chair, ACS COT	2013-2020

Medical Licensure:

Hawaii Medical License:

California Medical License:

DEA:

Hawaii Certificate of Registration for Controlled Substances:

NPI

UH number:

Certification by Specialty Board:

American Board of Surgery, Surgical Critical Care (#002821)

Certified: September 20, 2010 – July 1, 2021; extended through December 31, 2021

Curriculum Vitae

American Board of Surgery, Surgery ()
Certified: February 22, 2010 – July 01, 2020
Re-Certified through: January 10, 2022

National Board of Medical Examiners
USMLE Step 1: passed June 2001
USMLE Step 2: passed July 2002
USMLE Step 3: passed April 2004

Specialty Society Involvement

American Association for the Surgery of Trauma ()	October 2015
Fellow of the American College of Surgeons ()	September 2012
Southwestern Surgical Congress	October 2011
Association for Program Directors in Surgery	December 2011
Society of Critical Care Medicine ()	August 2009

Awards & Achievements:

The Queen's Medical Center
Level I Trauma Center Verification
American College of Surgeons
2017

The Queen's Medical Center
Level II Trauma Center Verification
American College of Surgeons
2014

Chairman's Award for Outstanding Teaching
University of California, Irvine
Department of Surgery

Resident of the Year
Kaiser Permanente
Department of Surgery

University of California, Irvine School of Medicine
Office of Educational Affairs
Excellence in Teaching Award

University of Hawaii at Manoa
John A. Burns School of Medicine
4th year class Vice President

Mortar Board National College Senior Honor Society
University of Hawaii at Manoa

Golden Key National Honor Society
University of Hawaii at Manoa

United States Achievement Academy National Award
University of Hawaii at Manoa

Book Chapters:

“Venous Oximetry”

Colin Doyle, Michael Hayashi, Emanuel Rivers, Ronny Otero, A Joseph Garcia, Konrad Reinhart, Arturo Suarez, Mihae Yu

Civetta, Taylor, and Kirby’s Critical Care, 5th edition

Gabrielli, Layon, and Yu editors

Lippincott Williams and Wilkins, 2017. p228-247.

“Indications for and Management of Tracheostomy”

Judi Ramiscal, Michael Hayashi, Mihae Yu

Civetta, Taylor, and Kirby’s Critical Care, 5th edition

Gabrielli, Layon, and Yu editors

Lippincott Williams and Wilkins, 2017. e193.

“Autogenous Vein for Fistulas and Interposition Grafts”

Geoffrey H. White and Michael S. Hayashi

Vascular Access: Principles and Practice, 5th edition

Samuel Eric Wilson editor

Lippincott Williams and Wilkins, 2010. p92-98.

“Prosthetic Bridge Grafts”

Michael S. Hayashi and Samuel E. Wilson

Mastery of Surgery, 5th edition

Josef E. Fischer editor

Lippincott Williams and Wilkins, 2007. p2263-2268.

Oral/Poster Presentations:

1. "Shark-related Injuries in Hawaii Treated at a Level 1 Trauma Center."
Scala V, Hayashi MS, Kaneshige J, Haut E, Ng K, Furuta S.
American Association for the Surgery of Trauma, Virtual. Presented on September 17, 2020
2. Three Cookiecutter Shark-Related Injuries on Swimmers Crossing the Ka'iwi Channel: A Case Series.
Scala V, KaneshigeJ, Furuta S, Hayashi M
Presentation for the Resident Research Competition for the Hawaii Chapter, American College of Surgeons 2020 Meeting, Saturday, February 29, 2020 at The Queen's Medical Center, Queen's Conference Center, 2nd Floor
3. Abnormal Blood Volume with Severe Red Blood Cell Deficit as a Predictor of Mortality in the ICU.
Taitano G, Inouye D, Takanishi D, Hayashi M, Brown J, Sandokji Y, Harvey S, Yu M.
Accepted for presentation at Society of Critical Care Medicine Annual Congress 2020 in Orlando, FL. Presented on Sunday, February 16, 2020, 11:15 AM - 12:15 PM,
Resuscitation/Cardiovascular II, Research Snapshot Theater 14, Abstract #1454.
4. Impact of Initial Overresuscitation on Survival in Critically Ill Surgical Subjects.
Sandokji Y, Inouye D, Takanishi D, Hayashi M, Taitano G, Brown J, Harvey S, Yu M.
Accepted for presentation at Society of Critical Care Medicine Annual Congress 2020 in Orlando, FL. Presented on Monday, February 17, 2020, 8:45 - 9:45 AM, Resuscitation/Shock, Research Snapshot Theater 14, Abstract #1477.
5. Inferior Vena Cava Dimensions Poorly Reflect Circulating Blood Volume in the Mechanically Ventilated.
Brown J, Inouye D, Takanishi D, Hayashi M, Sandokji Y, Taitano G, Severino R, Harvey S, Yu M.
Accepted for presentation at Society of Critical Care Medicine Annual Congress 2020 in Orlando, FL. Presented on Monday, February 17, 2020, 8:45 - 9:45 AM, Resuscitation/Shock, Research Snapshot Theater 14, Abstract #1478.
6. "Injuries and Outcomes Associated with Severe head Injury in Geriatric Trauma Quality Improvement Program Patients."
Hayashi M.
2019 TQIP Annual Scientific Meeting, Dallas, TX. Presented on November 17, 2019
7. "High versus Low Energy Falls in the Elderly: Differences in Long-term Functional Outcomes"
Jimenez S, Tanabe C, Inouye D, Takanishi D, Severino R, Ng K, Hayashi M.
Southwestern Surgical Congress, Huntington Beach CA. Presented on April 14, 2019
8. "Dedicated Trauma Case Mangers, The Most Important Trauma Team Member?"
Rao K, Zhao F, Hayashi M, Vide K, Ng K, Severino R.

Region IX Committee on Trauma Resident Paper Competition, Stanford University, CA on December 1, 2018

Southwestern Surgical Congress, Huntington Beach CA. Presented on April 17, 2019

9. "Peripheral Blood Hematocrit Is an Inaccurate Index of Red Cell Volume in Critically Ill Subjects"
Lee JW, Sheikh F, Patel A, Inouye D, Takanishi D, Zhao F, Yu M, Severino R, Hayashi M. *Critical Care Medicine*: January 2019 - Volume 47 - Issue 1 - p 714
doi:10.1097/01.ccm.0000552220.90375.c2. Accepted for presentation at Society of Critical Care Medicine Annual Congress 2019 in San Diego, CA. Presented on Monday, February 18, 2019, 2:30 - 3:30 PM, Research Snapshot Theater: Resuscitation I.
10. "End Points of Resuscitation: Inaccurate Estimates of Intravascular Volume in Surgical Subjects"
Patel A, Lee JW, Sheikh F, Inouye D, Takanishi D, Severino R, Zhao F, Hayashi M, Yu M. *Critical Care Medicine*: January 2019 - Volume 47 - Issue 1 - p 736 doi: 10.1097/01.ccm.0000552263.64825.11. Accepted for presentation at Society of Critical Care Medicine Annual Congress 2019 in San Diego, CA. Presented on Monday, February 18, 2019, 12:30 - 1:30 PM, Research Snapshot Theater: Resuscitation VII.
11. "Reducing Blood Sampling for Circulating Blood Volume Determination: A Pilot Feasibility Analysis"
Sheikh F, Patel A, Lee JW, Takanishi D, Severino R, Inouye D, Zhao F, Harvey S, Hayashi M, Yu M. *Critical Care Medicine*: January 2019 - Volume 47 - Issue 1 p 714 doi: 10.1097/01.ccm.0000552220.90375.c2. Accepted for presentation at Society of Critical Care Medicine Annual Congress 2019 in San Diego, CA. Presented on Sunday, February 17, 2019, 10:00 - 11:00 AM, Research Snapshot Theater: Resuscitation I.
12. "Feasibility of Blood Volume Analysis-Directed Diuresis in Subjects with Shock Requiring Vasopressors"
Doyle C, Yan S, Inouye D, Hayashi M, Harvey S, Takanishi D, Zhao F, Yu M. *Critical Care Medicine*: Volume 46, Number 1 (Supplement). Accepted for presentation at Society of Critical Care Medicine Annual Congress 2018 in San Antonio, Texas. Presented on Tuesday, February 27, 2018, 9:00 - 10:00 AM, Exhibit Hall 3, Theater 2. Location: Henry B. Gonzalez Convention Center.
13. "Capillary Albumin Transudation Rate and Outcome in Critically-Ill Patients"
Yan S, Doyle C, Inouye D, Harvey S, Hayashi M, Severino R, Takanishi D, Zhao F, Yu M. *Critical Care Medicine*: Volume 46, Number 1 (Supplement). Accepted for presentation at Society of Critical Care Medicine Annual Congress 2018 in San Antonio, Texas. Presented on Monday, February 26, 2018, 10:15 - 11:15 AM, Exhibit Hall 3, Theater 15. Location: Henry B. Gonzalez Convention Center.

14. "Use of circulating blood volume measurements may impact mortality in early shock resuscitation"
Cohen E, Inouye D, Hayashi M, Praeger J, Harvey S, Takanishi D, Minami C, Yu M.
Society of Critical Care Medicine 46th Annual Congress
Honolulu, Hawaii. Snapshot Theater presentation by Ellie Cohen, SCC Fellow. January 22, 2017.
15. "Inferior vena cava diameter and variability are inaccurate surrogates of circulating blood volume"
Praeger J, Inouye D, Hayashi M, Cohen E, Takanishi D, Severino R, Morikawa N, Yu M.
Society of Critical Care Medicine 46th Annual Congress
Honolulu, Hawaii. Snapshot Theater presentation by Jonathan Praeger, SCC Fellow, January 22, 2017.
16. "From skin to within – A comparison of three tissue perfusion measurement techniques and identification of survival thresholds"
Inouye D, Hayashi M, Takanishi D, Yu M.
American Association for the Surgery of Trauma, 76th Annual Congress
Waikoloa, Hawaii. "Quick Shot" presentation by David Inouye. September 18, 2016
17. "Pulmonary Artery Occlusion Pressure is a Poor Predictor of Circulating Blood Volume"
Perkins T, Norby K, Spector L, Inouye D, Severino R, Hayashi M, Takanishi D, Yu M.
Society of Critical Care Medicine 45th Annual Congress
Orlando, Florida. Oral presentation by Tim Perkins, MD. February 20-24, 2016.
18. "Delayed Respiratory Failure After Blunt Chest Trauma: Is Closer Monitoring Warranted?"
Souther C, Hayashi MS, Inouye DS, Nakagawa K, Ng K, Lu N, Yu M.
ACS COT Region 9 Resident paper competition Dec 5th, 2015 Univ of Nevada
Southwest Surgical Annual Congress April 3-6, 2016
19. "Persistently High Albumin Leak is Associated with Mortality"
Harvey S, McKnight C, Musikasinthorn C, Inouye D, Hayashi M, Nakagawa K, Takanishi D and Yu M.
Society of Critical Care Medicine 44th Annual Congress
Phoenix, Arizona. Oral presentation by Scott Harvey, MD. January 18, 2015.
20. "Central Venous Pressure: Is it an Accurate Reflection of Intravascular Volume Status?"
McKnight C, Musikasinthorn C, Harvey S, Inouye D, Hayashi M, Morikawa N, Nakamura C, Yu M.
Society of Critical Care Medicine 44th Annual Congress
Phoenix, Arizona. Oral presentation by C. Lindsay McKnight, MD. January 18, 2015.
21. "Comparison of Cardiac Index from Pulmonary Artery Catheter and FloTrac in Sepsis and Cardiovascular Collapse"
Saguan N, Wildenberg S, Hayashi MS, Inouye D, Takanishi D, Kuroda J, Takiguchi S, Yu M.

- Society of Critical Care Medicine, 43rd Annual Congress
San Francisco, California. Poster presentation by Nicholas Saguan, MD. January 10, 2014
22. "Hypothyroidism and Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Subjects with Severe Sepsis/Septic Shock"
Wildenberg S, Saguan N, Inouye D, Hayashi MS, Takanishi D, Takiguchi S, Nakamura C, Yu M.
Society of Critical Care Medicine, 43rd Annual Congress
San Francisco, California. Poster presentation by Sara Wildenberg, MD. January 11, 2014
23. "Tissue perfusion measurements and mortality in the critically ill"
Inouye D, Hayashi MS, Takiguchi S, Nakamura C, Takanishi D, Yu M.
American Association for the Surgery of Trauma, 72nd Annual Congress
San Francisco, California. Poster presentation by David Inouye. September 18, 2013
24. "A comparison of non-invasive hemoglobin measurements to laboratory hemoglobin and to red blood cell volume-derived hemoglobin"
Shifflette V, Stahler P, Inouye D, Hayashi MS, Pei K, Takiguchi S, Machi R, Takanishi D, Yu M.
Society of Critical Care Medicine, 42nd Annual Congress
San Juan, Puerto Rico. Poster presentation by Vanessa Shifflette, MD. January 19, 2013
25. "A prospective observational study of three methods of measuring tissue perfusion in critically ill surgical patients"
Stahler P, Shifflette V, Hayashi MS, Inouye D, Pei K, Takiguchi S, Machi R, Takanishi D, Yu M.
Society of Critical Care Medicine, 42nd Annual Congress
San Juan, Puerto Rico. Poster presentation by Paul Stahler, MD. January 19, 2013
26. "The relationship between peripheral blood hematocrit and red blood cell volume"
Stone J, Inouye D, Hayashi MS, Pei K, Vu U, Takanishi D, Yu M.
American Association for the Surgery of Trauma, 71st Annual Congress
Kauai, Hawaii. Presented by Jeremy Stone. September 12, 2012
27. Correlation of cardiac chamber volumes and comparison of ejection fraction as measured by pulmonary artery catheter and ultrasound dilation method"
Suydam E, Furuta S, Vu U, Schmidt K, Hayashi MS, Inouye D, Ghows M, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Suydam E. February 7, 2012
28. "Perfusion index (PI) correlates to transcutaneous pressure of oxygen (Ptco2) test and may provide a noninvasive method of tissue perfusion"
HuM, VuU, Furuta S, Ghows M, Schmidt K, Suydam E, InouyeD, HayashiMS, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Hu M. February 6, 2012

Curriculum Vitae

29. "Comparison of blood volume analysis measured by ultrasound dilution method and radioisotope dilution technique"
Furuta S, Suydam E, Vu, U, Schmidt K, Hayashi, MS, Inouye D, Ghows M, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Furuta S. February 5, 2012
30. "Comparison of cardiac output by pulmonary artery thermodilution, ultrasound dilution and arterial pulse pressure methods"
Vu U, Furuta S, Suydam E, Schmidt K, Ghows M, Hayashi MS, Inouye D, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Vu U. February 5, 2012
31. "Comparison of thoracic intravascular volume and oxygenation function of the lung"
Schmidt K, Furuta S, Suydam E, Vu U, Hayashi MS, Inouye D, Ghows M, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Schmidt K. February 5, 2012
32. "Association of lactate, mixed venous oxygen saturation (SVO₂), and transcutaneous oxygen (PtCO₂) to mortality in surgical patients"
Nishiguchi B, DeFrancesch D, Furuta S, Hayashi MS, Inouye D, Pei K, Lurie F, Takanishi D, Yu M.
Society of Critical Care Medicine, 40th Annual Congress
San Diego, CA. Poster Presentation by Nishiguchi B January 15, 2011
33. "A comparative study of systolic pressure variation and blood volume measurements"
Furuta S, Pei K, DeFrancesch D, Nishiguchi B, Inouye D, Hayashi MS, Lurie F, Takanishi D, Yu M.
Society of Critical Care Medicine, 40th Annual Congress
San Diego, CA. Poster Presentation by Furuta S January 15, 2011
34. "Is there a relationship between SOFA scores and albumin leak rates as a marker of endothelial dysfunction?"
DeFrancesch D, Inouye D, Nishiguchi B, Furuta S, Hayashi MS, Pei K, Lurie F, Takanishi D, Yu M.
Society of Critical Care Medicine 40th Annual Congress
San Diego, CA. Poster Presentation by DeFrancesch D January 15, 2011
35. "Activated protein C and corticosteroids decrease the rate of albumin transudation in septic shock"
Hayashi MS, Yu M, Inouye D, Domingo S, Ghows M, Moran S, Lurie F, Takanishi D.
Society of Critical Care Medicine, 39th Annual Congress
Miami, FL. Poster Presentation January 12, 2010
36. "Elevated transcapillary albumin escape: a marker of increased mortality"

Curriculum Vitae

Inouye D, Yu M, Hayashi MS, Domingo S, Steinemann S, Lurie F, Takanishi D.
Society of Critical Care Medicine, 39th Annual Congress
Miami, FL. Poster Presentation January 10, 2010

37. "Importance of continued hepatitis B immunoglobulin to prevent re-infection after liver transplantation"
Hayashi MS, Cooke J, Imagawa DK.
Presented at the International Liver Transplant Society Meeting
Milan, Italy. May 3-6, 2006.
38. "Results of supercryoprecipitate and other hemostatic agents in a rat liver trauma model"
Hayashi MS, Owens W, Shanbrom E, Steward E, Ji P, Imagawa DK.
Presented at the First Annual Academic Surgical Congress (39th Annual Meeting of the Association for Academic Surgery & 67th Annual Meeting of the Society of University Surgeons)
San Diego, CA. February 7-11, 2006
39. "ESR/CRP: 1) Sensitivity of ESR and CRP in the Early Diagnosis of Osteomyelitis, Septic Arthritis and Acute Rheumatic Fever, 2) The Effect of Microcytic Erythrocytes of the ESR and CRP in Osteomyelitis, Septic Arthritis, and Acute Rheumatic Fever"
Lauren Yamamoto, David Park, Michael Hayashi
Kapiolani Medical Center for Women and Children
University of Hawaii at Manoa, John A. Burns School of Medicine

Publications:

1. "The Effect of Stay-at-Home Orders During the COVID-19 Pandemic on Injury Epidemiology and Resource Utilization at a Level I Trauma Center."
Hayashi MS, Eischen M, Ng K, Severino R, Slade J.
Submitted for review.
2. Unprecedented Series of Cookiecutter Shark Attacks on Live Humans: A New Threat to Swimming Across the Ka'iwi Channel"
Scala V, Kaneshige J, Furuta S, Ng K, Hayashi M.
Presentation for the Resident Research Competition for the Hawaii Chapter, American College of Surgeons 2020 Meeting, Saturday, February 29, 2020 at The Queen's Medical Center, Queen's Conference Center, 2nd Floor
Submitted for review.
3. "Shark-related Injuries in Hawaii Treated at a Level 1 Trauma Center."
Scala V, Hayashi MS, Kaneshige J, Haut E, Ng K, Furuta S.
American Association for the Surgery of Trauma, Virtual. Presented on September 17, 2020
Trauma Surg Acute Care Open. 2020 Oct 20;5(1):e000567. doi: 10.1136/tsaco-2020-000567.
eCollection 2020.
PMID: 33094169
4. "Delayed Respiratory Failure After Blunt Chest Trauma"
Martin CS, Lu N, Inouye DS, Nakagawa K, Ng K, Yu M, Hayashi MS.
Am Surg 2020 Dec 27;3134820966278. doi: 10.1177/0003134820966278. Online ahead of print.
PubMed PMID: 33356435
5. "The why and how our trauma patients die: A prospective Multicenter Western Trauma Association study."
Callcut RA, Kornblith LZ, Conroy AS, Robles AJ, Meizoso JP, Namias N, Meyer DE, Haymaker A, Truitt MS, Agrawal V, Haan JM, Lightwine KL, Porter JM, San Roman JL, Biffi WL, Hayashi MS, Sise MJ, Badiie J, Recinos G, Inaba K, Schroepel TJ, Callaghan E, Dunn JA, Godin S, McIntyre RC Jr, Peltz ED, O'Neill PJ, Diven CF, Scifres AM, Switzer EE, West MA, Storrs S, Cullinane DC, Cordova JF, Moore EE, Moore HB, Privette AR, Eriksson EA, Cohen MJ.
J Trauma Acute Care Surg. 2019 May;86(5):864-870. doi: 10.1097/TA.0000000000002205.
PubMed PMID: 30633095.
6. "Blood volume measured by ultrasound and radioisotope dilution in critically ill subjects."
Furuta S, Inouye DS, Hayashi MS, Takanishi DM Jr, Yu M.
J Surg Res. 2017 Jan;207:77-84. doi: 10.1016/j.jss.2016.08.077.
PubMed PMID: 27979492
7. "Derivation of a Predictive Score for Hemorrhagic Progression of Cerebral Contusions in Moderate and Severe Traumatic Brain Injury"
Allison RZ, Nakagawa K, Hayashi MS, Donovan DJ, Koenig MA.
Neurocrit Care. 2016 Jul 29.
PMID: 27473209 Doi: 10.1007/s12028-016-0303-5
8. "Brain-type natriuretic peptide and right ventricular end-diastolic volume index measurements are imprecise estimates of circulating blood volume in critically ill subjects."

Takahashi E, Moran S, Hayashi MS, Inouye D, Takanishi D, Yu M.
J Trauma Acute Care Surg. 2013 Nov;75(5):813-8.
PMID: 24158199

9. "Is there a current role for preoperative non-absorbable oral antimicrobial agents for prophylaxis of infection after colorectal surgery?"
Hayashi MS, Wilson SE.
Surg Infect (Larchmt). 2009 Jun;10(3):285-8. Review.
PMID: 19485781 [PubMed - indexed for MEDLINE]
10. "Use of seamguard to prevent pancreatic leak following distal pancreatectomy"
Yamamoto M, Hayashi MS, Nguyen NT, Nguyen TD, McCloud S, Imagawa DK.
Arch Surg. 2009 Oct;144(10):894-9.
PMID: 19841355 [PubMed - indexed for MEDLINE]
Presented at the Annual Scientific Meeting of the Southern California Chapter American College of Surgeons, Santa Barbara, CA January 20-22, 2006
11. "Comparison of laparoscopic and open gastrectomy for gastric cancer"
Varela JE, Hiyashi (sp) M, Nguyen T, Sabio A, Wilson SE, Nguyen NT.
Am J Surg. 2006 Dec;192(6):837-42.
PMID: 17161104 [PubMed - indexed for MEDLINE]
Presented at the 58th Annual Meeting of the Southwestern Surgical Congress, Kauai, Hawaii, April 3-7, 2006
12. Laparoscopic esophagectomy
Nguyen NT, Gelfand D, Chang K, Varela JE, Nguyen TT, Hayashi M, Wilson SE, Luketich JD.
Minerva Chir. 2005 Oct;60(5):327-38.

Speaking Engagements:

"Gaps in Care for Trauma Patients with Self-harm"
Psychiatry Department Conference
University of Hawaii Department of Psychiatry
August 27, 2019

"Benefits of Cohorting Trauma Patients and Multidisciplinary Rounds"
Hawaiian Islands Trauma Symposium 2019
Hilton Hawaiian Village Beach Resort & Spa
Honolulu, Hawaii
August 10, 2019

"Stop the Bleed"
With Christina "TJ" Donayri
KHON Evening News (television spot)
May 30, 2019

"Stop the Bleed Program"
Queen's Management Meeting
The Queen's Health System
Honolulu, Hawaii

January 17, 2019

“Venous Thromboembolism (VTE) in Trauma”
Nursing Education Fair
The Queen’s Medical Center
September 5th & 12th, 2018

“Trauma Unit Orientation/Overview”
Nursing Education Fair
The Queen’s Medical Center
September 4th & 11th, 2018

The Body Show: Emergency Treatment in Hawaii
Host Dr. Kathy Kozak, with EMS Chief Dean Nakano
Hawaii Public Radio
May 21, 2018

“Ask a Specialist: Emergency Medical Services”
With Chief Dean Nakano
KHON Morning News (television spot)
May 21, 2018

“Intro to the QMC Trauma Program”
Queen Emma Tower 7D Nursing Unit Council
May 8, 2018

“Safety Story – The Trauma System”
Queen’s Management Meeting
The Queen’s Health System
Honolulu, Hawaii
August 16, 2018

“Stop the Bleed and Beyond”
EMS Week Education
The Queen’s Medical Center
May 17, 2018

“Evidence Behind Current Controversies in Trauma and Critical Care”
University of Hawaii Grand Rounds
November 29, 2017

“Hawaii Trauma System”
2017 AMA Surgical Caucus
Emalani Theater, Hawaii Convention Center
Honolulu, HI
November 13, 2017

“Overview of Trauma Centers”
EMSAC Quarterly meeting
State of Hawaii, Department of Health
November 1, 2017

“Trauma Performance Improvement”

EMS Week Education
The Queen’s Medical Center
May 26, 2017

Blunt Myocardial Injury and Management of Cardiovascular Collapse

Hawaii Critical Care Meeting
The Queen’s Medical Center
October 27, 2016

“Trauma Triage Guidelines and Transport Decisions”

EMS Week Education
The Queen’s Medical Center
May 23, 2016

“Venous Thromboembolism Events in Trauma Patients”

Resident Didactics, Univ. of Hawaii Department of Surgery
Hawaii Critical Care Meeting, The Queen’s Medical Center
April 2016

“Speaking on Health: Street Smart – Tips Every Senior Should Know”

Trauma Outreach & Injury Prevention
The Queen’s Conference Center Auditorium
The Queen’s Medical Center
March 30, 2016

“Trauma in Hawaii”

Grand Rounds
University of Hawaii Department of Surgery
November 18, 2015
Honolulu, HI

“Perioperative Management of the Surgical Patient”

Resident Didactics
University of Hawaii Department of Surgery
September 11, 2013

“Updates in the Management of Blunt Chest Trauma”

Resident Didactics
University of Hawaii Department of Surgery
October 25, 2012

“Preoperative Cardiac Assessment”

Resident Didactics
University of Hawaii Department of Surgery
September 19, 2012

“Updates in the Management of Blunt Chest Trauma”

Hawaiian Islands Trauma Symposium 2012
Hilton Hawaiian Village Beach Resort & Spa

Honolulu, Hawaii
July 6-7, 2012

“Perioperative Management of Surgical Drains and Tubes”
Resident Didactics
University of Hawaii Department of Surgery
August 24, 2011

“Non-Trauma Spleen Pathology”
Resident Didactics
University of Hawaii Department of Surgery
April 2011

Pulmonary Insufficiency”
Resident Didactics
University of Hawaii Department of Surgery
August 11, 2010

“Blunt Cardiac Injury”
Hawaiian Islands Trauma Symposium 2010
Hilton Hawaiian Village Beach Resort & Spa
Honolulu, Hawaii
July 23, 2010

“Biomarkers of Sepsis”
Grand Rounds
University of Hawaii Department of Surgery
June 9, 2010

Hawaiian Islands Trauma Symposium Speaker, Chair, and Coordinator
Hilton Hawaiian Village Beach Resort & Spa

August 9-10, 2019
Deborah Kuhls, MD, FACS, FCCM
Michael Lekawa, MD, FACS
Glenn Asaeda, MD, FACEP, FAAEM, DABEMS
Jeffrey Beeson, DO, FACEP, FAEMS
Jonah Thompson, NRP, CP-C
Kristina Anderson, VA Tech shooting survivor

August 10-11, 2018
Col (ret) Mark Bowyer, MD, FACS, DMCC
Karen Johnson, RN, PhD
Steven Johnson, MD, FACS, FCCM
David Miramontes, MD, FACEP, FAAEMS, NREMT-B
Mike Taigman, MA

July 28-29, 2017
Kristan Staudenmayer, MD, MS, FACS
Daniel Michael, MD, PhD, FACS, FAANS
Kenneth Scheppke, MD, FAAEM

Curriculum Vitae

Marc Steurer, MD, DESA
Tracy Cotner-Pouncy, RN, TCRN

August 12-13, 2016
Marc de Moya, MD FACS
Heidi Hotz, RN
Craig Manifold, DO
Cyril Mauffrey, MD FACS FRCS
David Partrick, MD FACS FAAP

July 10-11, 2015
D. Ross Brown, MD, FRCSC, FACS
Randall M. Chestnut, MD, FCCM, FACS
Jorie Klein, RN
Michael K. Levy, MD, FACEP, FAAEM, FACP
Nicholas Namais, MD, MBA, FACS, FCCM

Gregory J. (Jerry) Jurkovich, MD, FACS
Robert C. Mackersie, MD, FACS
Tammy Morgan, BS
Melanie L. Neal, MS
Daniel R. Schlatterer, DO, MS
Marc M. Sedwitz, MD, FACS
Corey M. Slovis, MD, FACP, FACEP, FAAEM

Surgical Residency Advisor:

Categorical	General Surgery, Hawaii
Categorical	General Surgery, Hawaii
Categorical	General Surgery, Hawaii
Categorical	General Surgery, Hawaii
Categorical	General Surgery, Hawaii
Preliminary	General Surgery, Hawaii
Preliminary	Anesthesiology – Tennessee

Volunteer Experience:

State of Hawaii Stop the Bleed Day
University of Hawaii, Medical School Campus
May 15, 2019

Trauma and Stop the Bleed
Honolulu EMS Junior Paramedic Program
Summer 2018

E Ola Pono Health Fair
Kamehameha Middle School
January 15, 2016
Representing The Queen's Medical Center with Les Chun, David Inouye, and Diane Paloma

Curriculum Vitae

Career Fair Participant
Aiea High School
November 2011

Introduction to Surgery for High school students
June 2010

Suturing Lab for 3rd year medical students
University of California, Irvine School of Medicine
June 2005

Peer Educator
“Creating Effective Teaching Learning Issues in Problem Based Learning”
Introduction to PBL for first-year medical students
University of Hawaii at Manoa
John A. Burns School of Medicine

Leader
“Sun Safe for Kids” - Importance of sunscreen use and the various effects of exposure to the ultraviolet rays in sunlight
4th and 5th graders, Iolani School
March 2000

Volunteer
Legislative Health Fair, Hawaii State Capital
University of Hawaii at Manoa, John A. Burns School of Medicine

Mortar Board National College Senior Honor Society
University of Hawaii at Manoa

Hospital Volunteer
Queen’s Medical Center
Honolulu, Hawaii
Oct 1997-April 1998

Kiwanis Club Member
Aiea High School
Aiea, Hawaii

Other Work-related Experience:

“Advanced Techniques and Materials for Abdominal Wall Reconstruction”
David Iannitti, MD FACS
Bioskills Lab: Complex open abdominal wall repair and open ventral hernia repair
Sponsored by Bard
May 18, 2016
The Pacific Forum (Hale Pawa’a)

Curriculum Vitae

MGT-348 Medical Preparedness and Response to Bombing Incidents
FEMA/Texas A&M Engineering Extension Service
April 14-15, 2016
Charles H. Thurston Fire Training Center

Problem Based Learning Tutor
“Sung Kung Kwan Korean Medical School Summer Experience”
University of Hawaii at Manoa
John A. Burns School of Medicine

Cartoonist
Ka Leo O Hawaii (University Newspaper)
University of Hawaii at Manoa

Student Office Assistant
East-West Center, Alumni Office
University of Hawaii at Manoa

Office Assistant – various positions
Manpower Temporary Services
737 Bishop Street, Suite 1880
Honolulu, Hawaii 96813
(

Employment: June 1997-Nov 1998

Dental Assistant
12th Avenue Dental Centre
1144 12th Avenue
Honolulu, Hawaii 96816

Dates of Employment: July 1996-Jan 1997

Group Leader - Kindergarten
A+ After School Program
Alvah A. Scott Elementary School
98-1230 Moanalua Road
Aiea, Hawaii 96701

Dates of Employment: Aug 1994-June 1995