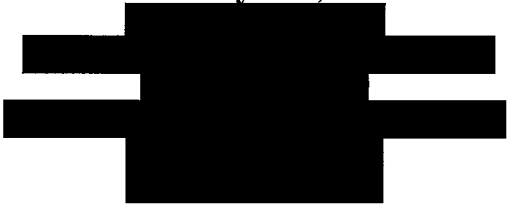


Michael S. Hayashi, MD FACS

GOV. MSG. NO.590



Current Appointments:

Trauma Medical Director
The Queen's Medical Center
Honolulu, HI 96813



Surgical Intensivist
Trauma, General Surgery, Surgical Critical Care
The Queen's Medical Center
1301 Punchbowl Street
Honolulu, HI 96813
(808) 538-9011 phone (808) 547-4646 fax



Associate Program Director
Surgical Residency Program
University of Hawaii
1356 Lusitana Street, 6th floor
Honolulu, HI, 96813
(808) 586-2920 phone (808) 586-3022 fax



Assistant Clinical Professor
Core faculty, General Surgery Residency program
Core faculty, Surgical Critical Care Fellowship program
Department of Surgery, University of Hawaii



State of Hawaii, Chair (Region 9)
Committee on Trauma
American College of Surgeons



Oahu Regional Trauma Advisory Committee, Chair



Hawaii Trauma Advisory Committee, Member



Hawaii State Councilor
Southwest Surgical Congress



Previous Work Experience:

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



Curriculum Vitae

Surgical Intensivist
Trauma, General Surgery, Surgical Critical Care
University Clinical, Education and Research Associates
Faculty Practice Organization, University of Hawaii

[REDACTED]

Research Coordinator
University of Hawaii
Department of Surgery

[REDACTED]

Other Teaching Related:

Surgery Representative, UH Transitional Year Residency Program July 2011 - present

Tripler Army Medical Center- University of Hawaii July 2011- present
Joint Mock Surgical Oral Board Exam coordinator

General Surgery Residency rotation schedule development/management July 2012 – present

Trauma Rotation Coordinator, Tripler TY Residency Program October 2013-present

Problem-Based Learning Tutor July 2010 – 2013
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

Hospital Appointments:

Attending Surgeon and Intensivist July 8, 2010 – present
The Queen's Medical Center
1301 Punchbowl Street
Honolulu, HI 96813
(808) 538-9011 Main line, (808) 691-4484 B. Scott (Med Staff)

Education/Training:

Surgical Critical Care Fellow
University of Hawaii
Department of Surgery
1356 Lusitana Street, 6th floor
Honolulu, HI, 96813

[REDACTED]

General Surgery Resident
University of California, Irvine
Department of Surgery
333 City Blvd. West, Suite 700
Orange, CA 92868
(714) 456-6262

[REDACTED]

Curriculum Vitae

Surgical Research Resident
University of California, Irvine
Department of Surgery
333 City Blvd. West, Suite 700
Orange, CA 92868
(714) 456-6262







University of Hawaii at Manoa
John A. Burns School of Medicine
Kaka'ako Waterfront Campus
651 Ilalo Street, MEB
Honolulu, HI 96813
(808) 692-1000 (Office)
(808) 692-1251 (Fax)
Degree earned: M.D.



University of Hawaii at Manoa
2500 Campus Road
Hawaii Hall 202
Honolulu, HI 96822
(808) 956-8111 (Office)
Dates of Attendance:
Degree Earned: B.A. Biology



Medical Licensure:

Hawaii Medical License: 15572, exp 01/31/2018
California Medical License: A89323, exp 08/31/2018
DEA: 
Hawaii Certificate of Registration for Controlled Substances: 
ACLS, exp 01/2017
ATLS, instructor & course director
PALS, exp 12/2017
NPI 
UH number: 

Certification by Specialty Board:

American Board of Surgery, Surgical Critical Care (#002821)
Certified: September 20, 2010 – July 1, 2021

American Board of Surgery, Surgery (#055052)
Certified: February 22, 2010 – July 01, 2020

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 (#18369)	October 2015
Fellow of the American College of Surgeons (#3179414)	September 2012
Southwestern Surgical Congress	October 2011
Association for Program Directors in Surgery	December 2011
Society of Critical Care Medicine (#148921)	August 2009

Awards & Achievements:

University of California, Irvine
Department of Surgery
Chairman's Award for Outstanding Teaching
2009

Resident of the Year
Kaiser Permanente
Department of Surgery
2009

University of California, Irvine School of Medicine
Office of Educational Affairs
Excellence in Teaching Award
May 28th, 2009

University of Hawaii at Manoa
John A. Burns School of Medicine
4th year class Vice President
June 2002-May 2003

Mortar Board National College Senior Honor Society
University of Hawaii at Manoa
July 1998-June 1999

Golden Key National Honor Society
University of Hawaii at Manoa
July 1998-June 1999

United States Achievement Academy National Award
University of Hawaii at Manoa
1999

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. **pending**

“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. **pending**

“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.

Poster Presentations:

“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

“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.

“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.

“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

“Hypothyroidism and Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Subjects with Severe Sepsis/Septic Shock”

Curriculum Vitae

Wildenberg S, Sagan 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

“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

“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

“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

“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

“Correlation of cardiac chamber volumes and comparison of ejection fraction as measured by pulmonary artery catheter and ultrasound dilution 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

“Perfusion index (PI) correlates to transcutaneous pressure of oxygen (Ptco2) test and may provide a noninvasive method of tissue perfusion”
Hu M, Vu U, Furuta S, Ghows M, Schmidt K, Suydam E, Inouye D, Hayashi MS, Takanishi D, Yu M.
Society of Critical Care Medicine, 41st Annual Congress
Houston, TX. Poster Presentation by Hu M. February 6, 2012

“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

“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

“Comparison of thoracic intravascular volume and oxygenation function of the lung”

Curriculum Vitae

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

“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

“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

“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

“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

“Elevated transcapillary albumin escape: a marker of increased mortality”

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

“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.

“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

“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:

“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.

Am J of Surg. Not yet submitted.

“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. Accepted for publication. Doi: 10.1007/s12028-016-0303-5

“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

“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]

“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

“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

Speaking Engagements:

Hawaiian Islands Trauma Symposium Speaker and Coordinator

Hilton Hawaiian Village Beach Resort & Spa

August 12-13, 2016

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

July 18-19, 2014
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

“Speaking on Health: Street Smart – Tips Every Senior Should Know”
Trauma Outreach & Injury Prevention
The Queen’s Conference Center Auditorium
March 30, 2016
The Queen’s Medical Center
Honolulu, HI

“Trauma in Hawaii”
Grand Rounds
University of Hawaii Department of Surgery
November 18, 2015
Honolulu, HI

“Blunt Cardiac Injury”
Hawaiian Islands Trauma Symposium 2010
July 23-24, 2010
Hilton Hawaiian Village Beach Resort & Spa
Honolulu, Hawaii

“Updates in the Management of Blunt Chest Trauma”
Hawaiian Islands Trauma Symposium 2012
July 6-7, 2012
Hilton Hawaiian Village Beach Resort & Spa
Honolulu, Hawaii

Committee Involvement:

Hospital

QMC Surgical Hale	2016-present
QMC Clinical Lab Utilization Committee	2015-present
QMC Trauma Executive Committee, Chair	2014-present
QMC Blood Utilization Committee	2014-present
QMC NSQIP committee	2013-present
Queen’s Medical Group (QMG), Executive Council	2012-present
QMC Chief of Surgery Selection Committee	2011
Hawaii Critical Care Lecture Series coordinator	2009-2010
QMC Special Care Committee	2009-present

University

UH Transitional Year Residency Program Selection Committee	2011-present
UH General Surgery Residency, Promotion Committee	2011-present
UH General Surgery Residency, Directors of Surgical Education	2011-present

Curriculum Vitae

Regional

Oahu Regional Trauma Advisory Committee, Chair 2013-present
Hawaii Trauma Advisory Committee, Member 2013-present

National

State of Hawaii ACS COT Chair 2013-present
ACS COT PIPS Committee member 2014-present
COT PIPS, TQIP Essential Elements working group 2016-present

Surgical Residency Advisor:

2016-present	Michael Hu	Categorical	General Surgery, Hawaii
2012-2016	Shreyas Makwana	Categorical	General Surgery, Hawaii
2012-2016	Pouya Benyamini	Categorical	General Surgery, Hawaii
2012-2013	Sho Furuta	Preliminary	General Surgery, Hawaii
2010-2011	Zachary Rose	Preliminary	Anesthesiology – Tennessee

Volunteer Experience:

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

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
September 2000

Group 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

Curriculum Vitae

University of Hawaii at Manoa, John A. Burns School of Medicine
January 2000

Mortar Board National College Senior Honor Society
University of Hawaii at Manoa
July 1998-June 1999

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

Kiwanis Club Member
Aiea High School
Aiea, Hawaii
Sept 1992-May 1995

Other Work Experience:

Advanced Surgical Skills for Exposure in Trauma (ASSET)
American College of Surgeons, Committee on Trauma
Friday, June 10, 2016
Univ California, San Diego

“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)

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
Dates of Employment: Aug 2003

Cartoonist
Ka Leo O Hawaii (University Newspaper)
University of Hawaii at Manoa
Dates of Employment: Sept 1997-April 1998

Student Office Assistant
East-West Center, Alumni Office
University of Hawaii at Manoa
Dates of Employment: Aug 1997-May 1999

Curriculum Vitae

Office Assistant – various positions
Manpower Temporary Services
737 Bishop Street, Suite 1880
Honolulu, Hawaii 96813
(808) 524-3630 (office)
(808) 521-5446 (fax)
Dates of Employment: June 1997-Nov 1998

Dental Assistant
12th Avenue Dental Centre
1144 12th Avenue
Honolulu, Hawaii 96816
(808) 737-3311 (Office)
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
(808) 483-7220
Dates of Employment: Aug 1994-June 1995