

DARREN TRAVIS HERZOG, M.D.
Board Certified Orthopaedic Surgeon
Fellowship trained in Adult Reconstruction and Joint Replacement

SUB-SPECIALTY FOCUS

Primary total knee and total hip Arthroplasty
Direct Anterior Approach total hip arthroplasty
Complex and revision total knee and total hip arthroplasty
Unicondylar (partial) knee arthroplasty
Evaluation and management of the painful or failed prosthetic hip and knee
Management of prosthetic joint infection
General orthopaedics pediatric to adult, fracture care, sports related injuries

EDUCATION

Doctor of Medicine, May 2006

University of Hawaii John A. Burns School of Medicine, Honolulu, Hawai'i

Bachelor of Arts with High Honors in Cell and Molecular Biology, May 1999

University of Montana, Missoula, Montana

EMPLOYMENT AND TRAINING

Summit Orthopedics at Panorama Orthopedics & Spine Center, Orthopedic Surgeon, 2019 – Present
Silverthorne, Colorado

Kaiser Permanente, Orthopaedic Surgeon Staff, 2018 – 2019

Seattle, Washington

The Billings Clinic, Orthopaedic Surgeon Staff, 2016 – 2017

Billings, MT

Locum Tenens, CompHealth, Salt Lake City, UT 2016

Sterling Regional Medical Center, Sterling CO

Boulder Medical Center, Orthopaedic Surgeon Staff, 2015 - 2016

Boulder, CO,

Wayne State University Physician Group, 2013 - 2015

Orthopaedic Surgeon, Title of Assistant Professor

Troy, Michigan

Fellowship in Adult Reconstruction, Primary and Revision Arthroplasty of the Hip and Knee, 2012-13

University of California San Francisco, Department of Orthopaedic Surgery

Orthopaedic Surgery Residency, 2008 – 2012

Detroit Medical Center/ Wayne State University/Providence Orthopaedic Surgery Residency, Detroit, Michigan

Orthopaedic Research, 2007 – 2008

Oregon Health and Sciences University, Department of Orthopaedics, Portland, Oregon

Orthopaedic/General Surgery Internship, 2006 - 2007

University of California San Francisco

MEDICAL LICENSURE

State of Washington Dept. of Health, Current MD 60805699, Exp. 1/25/2019

State of Montana, Board of Medical Examiners, Current (Med-Phys-Lic-50222)

State of Colorado, Colorado Medical Board, 10/15/2015-current (DR.0055950)

State of Michigan Board of Medicine Physician License- Current (4301092372)

State of California Medical Board Physician and Surgeon License 5/16/2012- Inactive (A121368)

HOSPITAL AFFILIATIONS

St. Anthony Summit Medical Center, Frisco CO, 2019
Swedish Medical Center, Seattle WA, 2018
The Billings Clinic, Billings MT, 2016
Sterling Regional Medical Center, Sterling CO, 2016
Avista Adventist Hospital, Louisville, CO, 2015-16, Inactive
Boulder Community Health, Boulder, CO, 2015-16, Inactive
Oakwood/Beaumont Hospitals, Southeast MI 2013-2015
UCSF Medical Center, 2012-2013

CERTIFICATIONS

American Board of Orthopaedic Surgery step 1 Passed July 12, 2012
American Board of Orthopaedic Surgery: step 2 Passed July 23, 2015
USMLE
STEP 1: Passed June 2004
STEP 2 CK: Passed September 2005
STEP 2 CS: Passed December 2005
STEP 3: Passed September 2008

Advanced Cardiac Life Support, Recertified, Oct. 7 2018
Advanced Trauma Life Support Certification, December 2009
Detroit Receiving Hospital, Detroit, MI
Certification of Training in Basic Microsurgery, July 2008
Institute for Craniofacial and Reconstructive Surgery, St. John Providence Hospital, Southfield, MI
Certified EMT-Basic and Wilderness EMT, 2000
Missoula EMS and National Outdoor Leadership School. Missoula, Montana

MEMBERSHIPS AND LEADERSHIP

The American Academy of Orthopaedic Surgeons, Current Member in good standing
Resident Liaison to The American Academy of Orthopaedic Surgeons, 2008-2012
American Academy of Orthopaedic Surgeons, Resident Member 2008 - 2012
Interviewer for Residency, DMC/Providence Orthopaedic Surgery Residency Training Program. 2008 - 2009
President & Co-Founder, UH JABSOM Surgery Interest Group, 2005 to 2006
American College of Surgeons, 2005 to 2008
Interviewer for U of Hawai'i School of Medicine Dept. of Admissions, 2006
Yearbook Committee, University of Hawaii JABSOM 2004 to 2006
UH JABSOM Gunners Basketball Team Co-Captain, 2002 to 2006
1st Year/2nd Year Medical Student Mentoring Program, 2003 to 2004
Na Kauka o neia Wa Hikina Medical Student Mentorship Program, 2002 to 2006
Class Social Chair, Class of 2006, University of Hawaii JABSOM, 2002 to 2003
American College of Physicians, 2002 to 2008
American Medical Student Association, 2002 to 2006
American Medical Association, 2002 to 2010
Hawaii Medical Association, 2002 to 2006
Public Relations Officer, UM chapter of Mortar Board National Honor Society, 1997-1999
President and Co-founder, UM Backcountry ski/board club 1997-2000

HONORS AND AWARDS

E.E. Black Scholarship, University of Hawaii JABSOM, 2002 to 2004
Mortar Board National Honor Society, University of Montana, 1998-1999
Golden Key National Honor Society, University of Montana, 1997 to 1999
Alpha Lambda Delta Freshman Honor Society, University of Montana 1996

Health Professions Undergraduate Scholarship, University of Montana 1996 to 1999

RESEARCH EXPERIENCE/PUBLICATIONS

Zarling BJ, Yokhana SS, Herzog DT, Markel DC. **Preoperative and Postoperative Opiate Use by the Arthroplasty Patient.** *The Journal of Arthroplasty (in Publication)* 2016

Vigdorchik JM, Jin X, Sethi A, Herzog DT, Oliphant BW, Yang KH, Vaidya R. **A Biomechanical Study of Standard Posterior Pelvic Ring Fixation Versus a Posterior Pedicle Screw Construct.** *Injury.* 2015 Aug;46(8):1491-6

Herzog DT, Blasier RB. Chapter 50: **Spine and Joint Disorders**, in **High Risk Pregnancy, Management Options 4th ed.** Elsevier 2010. David K. James, MA, MD, FRCOG, DCH, Philip J. Steer, BS, MD, FRCOG, Carl P. Weiner, MD, MBA, FACOG and Bernard Gonik, MD, FACOG, **Posters/Presentations**

Jonathan Vigdorchik; Amanda O. Esquivel; Xin Jin; King H. Yang; Darren T. Herzog; Bryant W. Oliphant; Rahul Vaidya. **Biomechanical Evaluation of a Percutaneous Fixation System for the Treatment of Unstable Posterior Pelvic Ring Injuries.** Scientific Poster #69 Pelvis/Acetabulum OTA-2012

Herzog D, Carp J, Khoury B, Markel D. **Patterns and Duration of Peri-Operative Narcotic Prescribing in Total Joint Arthroplasty Patients.** Poster Presentation Michigan Orthopaedic Society, Mackinac island, Michigan 6/12. Mid-America Orthopaedic Association (Accepted) 4/13

Vigdorchik J, Oliphant B, Herzog D, Vaidya, R. **Biomechanical Comparison of a Novel Pelvic Internal-fixator versus one and two Screw Iliosacral Fixation or Posterior Pelvic Plating in unstable Pelvic Ring Fractures.** Michigan Orthopaedic Society, Mackinac island, Michigan 6/12.

Mancini E, Herzog D, Phandi N, Michaelson J. **Surgical Reconstruction of a Chronically Irreducible Knee at 11 Months. A Case Report.** Submitted to Journal of Orthopaedic Trauma. 2010.

Herzog D, Walker D, Ozgur S, Johnstone B, Yoo J. **Posterolateral Lumbar Spine Fusion using Variants of Demineralized Bone Matrix.** Poster Presentation 55th Annual Meeting ORS, Las Vegas NV, 2/09.

LaFleur B, Walker D, Ozgur S, Herzog D, Hart R, Ching A, Johnstone B, Yoo J. **Predicting Mesenchymal Stem Cell Performance In Vitro.** Poster Presentation 55th Annual Meeting ORS, Las Vegas NV, 2/09.

Afra R, Carino B, Burger M, Herzog D, Brown J, Kane T. **Use of Mechanical Ischemic Preconditioning To Attenuate Tourniquet Induced Soft Tissue Injury in Total Knee Arthroplasty.** 2005 Hawaii Orthopaedic Association Conference.

Okino B, Chong T, Herzog D, Fukuda M, Naguwa G. **School Health Education Program: A program designed to teach high school students while promoting the civic values of social responsibility to first year medical students.** U. of Hawaii School of Medicine MSII Research Symposium 10/03

Basic Science Research

Herzog D, Flynn J, Markel D. **Inflammatory Effects of Calcium Phosphate Bone Void Fillers Using a Murine Air Pouch Model.**

Herzog D, Walker D, Johnstone B, Yoo J. **Effect of Mechanical Bone marrow Stimulation on Mesenchymal Stem Cell Proliferation.**

Presentations

Herzog D. **Congenital Pseudarthrosis of the Tibia. A Case report and Treatment options.** Pediatric Orthopaedic Grand Rounds. Childrens Hospital of Michigan, 9/10.

Herzog D. **Proximal Humerus Fractures, ORIF vs. Arthroplasty.** DMC Orthopaedic Grand Rounds. 6/10

Herzog D. **Periprosthetic Fractures of the Femur.** Orthopaedic Trauma Conference. Detroit Receiving Hospital 5/10

Herzog D. **The Unstable Total Hip.** Orthopaedic Trauma Conference. Detroit Receiving Hospital 5/10.

Herzog D. **Basics and Biomechanics of Femoral Intramedullary Nailing.** Orthopaedic Trauma Conference. Detroit Receiving Hospital 4/10

Herzog D. **Osteochondral Fractures of the Talus: Evaluation and Management.** DMC Sports Medicine Conference. 3/10

Herzog D. **Compression Neuropathies of the Upper Extremity.** Hand Surgery Conference, Michigan Orthopaedic Specialists. Southfield MI. 10/09

Herzog D. **Posterior Cervical Fracture Fixation in Ankylosing Spondylitis.** DMC Orthopaedic Surgery Grand Rounds. 5/09

Herzog D. **Perioperative Complications in Anterior Cervical Discectomy and Fusion.** DMC Orthopaedic Surgery Grand Rounds. 4/09

Herzog D. **Principles of Revision Total Knee Arthroplasty.** Arthroplasty Case Conference. St. Johns Providence Hospital, Southfield MI. 2/09

Herzog D. **Treatment and Outcomes of High Energy Tibial Plateau Fractures.** General Ortho Service Academic Conference. Moffit-Long Hospitals. UCSF. San Francisco, CA 9/06

Herzog D. **Current Trends in Graft Choices for Primary ACL Reconstruction: A Literature Review.** Presentation: U. of Hawaii School of Medicine Sports Med. Conference. Honolulu, HI 4/06

EXTRA-CURRICULAR ACTIVITIES AND INTERESTS

Make-A-Wish Foundation, 2002 to 2006

MS2 Orientation Volunteer, 2005

Hawaii Medical Basketball League Runner's Up 2004&2006: Gunners Co-captain

Intramural Basketball, Volleyball, University of Hawaii, 2002-2004

Big Brothers and Sisters, 2002 to 2003

Keiki Asthma Fair, Straub Foundation, 2002

Expert Level Competitive Downhill racing, 2000-2002