



UW Medicine

ORTHOPAEDICS
AND SPORTS MEDICINE

2020-2021

Orthopaedic Traumatology Fellowship



University of Washington/Harborview Medical Center

Department of Orthopaedics & Sports Medicine

Trauma Service

Mission

The mission of the Orthopaedic Traumatology Advanced Clinical Experience (OTACE) is to facilitate the development of outstanding orthopaedic trauma surgeons. The OTACE can organize a trauma team that adequately manages problems of polytraumatized patients, in academic or non-academic settings. The OTACE possesses a solid clinical foundation, as well as advanced traumatology skills.

Program Overview

The Orthopaedic Traumatology Advanced Clinical Experience (OTACE) is a 12-month program designed for board eligible orthopaedic surgeons, after their residency training. By providing a complete experience involving patient care, teaching, and opportunities for basic and clinical research, the OTACE curriculum satisfies the developing criteria for a Certificate for Specific Expertise in Orthopaedic Traumatology and is accredited by the OTA Fellowship Committee guidelines and requirements. This experience exposes the orthopaedist to the organization and management of a Level 1 Academic Trauma Center, and to the function of the orthopaedic traumatologist in this setting. Clinical experience and teaching are profuse. The clinical component of the OTACE introduces the orthopaedist to many operative and nonoperative techniques used in polytrauma with special emphasis on stable internal fixation. Advanced and innovative techniques of internal fixation are emphasized.

The OTACE rotates through five individual clinical services. The clinical rotations are approximately 2.5 months in duration. Each service or team consists of the OTACE, a chief resident, a junior resident, and nurse practitioners. Medical students are frequently a component of the team. Nine full-time equivalent experienced faculty members are divided among the teams. Each team has sub-specialty emphasis and dedication. Trauma related team sub-specialty areas include acute foot/ankle trauma and post-traumatic reconstruction, complex periarticular fractures, pelvic/acetabular injuries, proximal humeral arthroplasty for fractures, complex elbow fractures and fracture-dislocations, nonunion and deformity reconstruction, among others.



(Program Director Dr. Barei and 2012-2013 Trauma ACE Dr. Mitchell Bernstein)



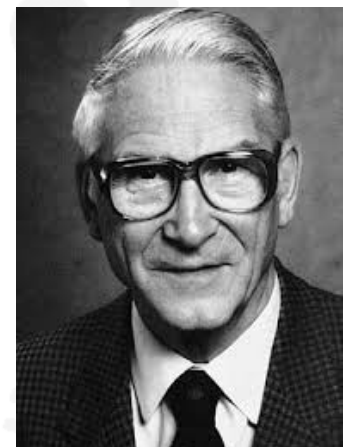
(2017-2018 Trauma ACEs, from left: Dr. Garin Hecht, Dr. Justin Lucas, Dr. Michael Talerico, Dr. Sara Putnam, and Dr. David Donohue)

Program History

The University of Washington assumed control of the King County Medical Center, now Harborview Medical Center. Donald Gunn, M.D. was the Chief of Orthopaedics at HMC in 1968-1969, Sigvard T. Hansen Jr., M.D. was the Chief Resident in Orthopaedic Surgery, and D. Kay Clawson, M.D. was the Chief of Orthopaedics for the University of Washington, of which Harborview Medical Center was a major component.



Dr. Hansen visited Gerhardt Kuntscher and learned advanced techniques of medullary nailing. He was involved in the early North American AO/ASIF development and, in particular, worked with Hans Willenegger.



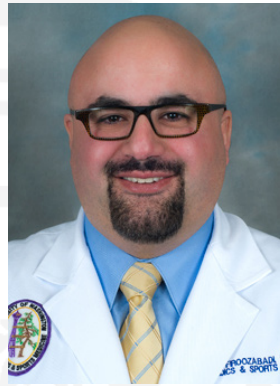
Dr. Hansen became chief of Orthopaedics at Harborview Medical Center and established the roots of aggressive management of long bone and pelvic fractures. In 1973 Drs. Clawson and Hansen attended the AO Course in Davos, Switzerland. Thereafter, stable fixation became the treatment of choice at Harborview Medical Center.



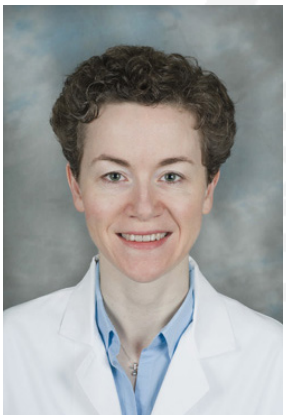
Fellowship Faculty



Program Director:
David P. Barei, MD, FRCSC
Professor of Orthopaedics & Sports Medicine,
University of Washington School of Medicine
Director of University of Washington Trauma
Education



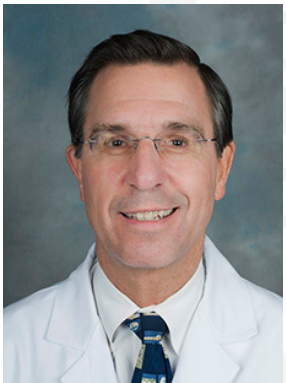
Reza Firoozabadi, MD
Associate Professor of Orthopaedics &
Sports Medicine,
University of Washington School of
Medicine



**Daphne Beingessner,
MSc, MD, FRCSC**
Professor of Orthopaedics & Sports Medicine,
University of Washington School of Medicine



Michael Githens, MD, MS
Assistant Professor of Orthopaedics &
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Stephen Benirschke, MD
Professor of Orthopaedics & Sports Medicine,
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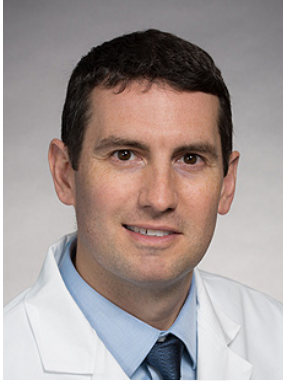


Robert P. Dunbar Jr., MD
Associate Professor of Orthopaedics &
Sports Medicine, University of Washington
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M. Bradford Henley, MD, MBA
Professor of Orthopaedics & Sports
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Fellowship Faculty (cont'd)



Conor Kleweno, MD

Associate Professor of Orthopaedics & Sports Medicine, University of Washington School of Medicine



Sean Nork, MD

Professor of Orthopaedics & Sports Medicine, University of Washington School of Medicine
Chief, Orthopaedic Trauma, Harborview Medical Center



Lisa Taitzman, MD, MPH

Professor of Orthopaedics & Sports Medicine, University of Washington School of Medicine

Fellowship Specifics

The OTACE takes approximately 6 calls per month averaged over the year. The primary on-call responsibilities in the hospital belong to the junior and senior UW HMC orthopaedic residents. Commonly, one junior resident is assigned to the ward, and one to the Emergency Department. The OTACE may take call from home, or in the hospital with the team. An attending faculty member participates on call with the team each night.

The OTACE works in the assigned team's orthopaedic clinic one day per week. The OTACEs clinical responsibilities include operative procedures as surgeon and assistant, daily ward rounds, and emergency patient care along with the chief or junior resident. The average ward census for an ACE is fifteen to twenty patients covered primarily by the junior orthopaedic resident, supervised by the chief resident. One elective operating day per attending is assigned, and other operative procedures are scheduled throughout the week.

At least one basic science or clinical project is required during the year. Ideally, a clinical project is a prospective clinical trial. A trauma data base facilitates other clinical projects. The facilities for basic science research are located in the new Research Building at Harborview. Biomechanical studies related to internal fixation of numerous fractures have been designed and implemented by former OTACEs. Similarly, almost any investigation can be developed.

Trauma Rotation Weekly Schedule

	BLUE	GREEN	RED	FOOT/RESEARCH	PELVIS
MON	HMC Operating Room	HMC Operating Room (Hebert-Davies)	HMC Operating Room	<u>Pelvic Clinic:</u> 1-West Trauma Clinic	HMC Operating Room
TUES	1-West Trauma Clinic	HMC Operating Room (Kleweno/Nork/Taitsman)	HMC Operating Room (Firoozabadi or Henley)	HMC Operating Room (Benirschke)	HMC Operating Room
WED	HMC Operating Room (Beingessner)	1-West Trauma Clinic	HMC Operating Room (Dunbar)	HMC Foot & Ankle Clinic	HMC Operating Room (50% of time)
THUR	HMC Operating Room (Barei)	HMC Operating Room (Kleweno/Nork)	1-West Trauma Clinic	HMC Operating Room (Pelvis or Benirschke)	HMC Operating Room
FRI	HMC Operating Room	HMC Operating Room	HMC Operating Room (Githens)	HMC Operating Room (Benirschke)	HMC Operating Room

Meet Our Current Trauma ACEs

Jerad Allen, MD



Dr. Allen received his Doctor of Medicine from the University of Kentucky College of Medicine in Lexington, KY. He completed his orthopedic surgery residency at the University of Kentucky College of Medicine in Lexington, KY.

Robert Jacobs, MD



Dr. Jacobs received his Doctor of Medicine from the Medical College of Wisconsin in Milwaukee, WI. He completed his orthopedic surgery residency at the University of Vermont Medical Center in Burlington, VT.

Kimberly Jacobsen, MD



Dr. Jacobsen received her Doctor of Medicine from the Wayne State University School of Medicine in Detroit, MI. She completed her orthopedic surgery residency at the St. Louis University School of Medicine.

Jennifer Tangtiphaiboonatana, MD



Dr. Tangtiphaiboonatana received her Doctor of Medicine from the University of California, San Francisco in San Francisco, CA. She completed her orthopedic surgery residency at the University of California, San Francisco in San Francisco, CA.

Robert Wojahn, MD



Dr. Wojahn received his Doctor of Medicine from Washington University in St. Louis in St. Louis, MO. He will complete his orthopedic surgery residency at Washington University in St. Louis in St. Louis, MO.

Harborview Trauma ACE Alumni

2018 - David Donohue, Garin Hecht, Justin Lucas, Sara Putnam, Michael Talerico
2017 - Joseph Cohen, Adam Hirschfeld, Kevin Murr, Motasem Refaat, Nicholas Romeo
2016 - Timothy Alton, Matthew Garner, Michael Githens, Justin Haller, Matthew Sullivan
2015 - John Lee, Mara Schenker, David Shearer, Paul Toogood, Brandon Yuan
2014 - Thomas Fishler, Jonah Hebert-Davies, James Learned, Milton Little, Clay Spitler
2013 - Mitchell Bernstein, Geoffrey Marecek, John Scolaro, Joshua Shatsky, Edward Westwick
2012 - Mark Adams, Jonathan Eastman, Reza Firoozabadi, Thomas Large, Jason Schneidkraut
2011 - Richard Barber, Anna Miller, John Munz, Soren Olson, Lorra Sharp, Mark Steeves
2010 - Julius Bishop, William Cross, Gregory Dikos, Donald Glasgow, R. Allan Maples, Christopher McAndrew
2009 - Leo Calafi, Medardo Maroto, Saam Morshed, Chinedu Nwosa, F. Parke Oldenburg, Robert Orec
2008 - Michael Brennan, Andrew Evans, Jason Evans, Michael Gardner, Zachary Roberts, Raymond Wright
2007 - Erik Kubiak, Samir Mehta, Amer Mirza, Eric Putler, Hobie Summers, Darius Viskontas
2006 - Ginger Bryant, Matthew Graves, Craig Greene, James Howard, Timothy O'Mara, Brad Yoo
2005 - Joseph Conflitti, Gregory Della Rocca, Arturo Gomez, Gregory Osgood, David Weiss
2004 - Daphne Beingessner, Eric Farrell, Andrew Howlett, Robert Molnar, Paul Stafford
2003 - Chad Coles, Robert Dunbar, E. Mark Hammerberg, David Polonet, Carla Smith
2002 - Matthew Camuso, Patrick McNair, Lisa Taitsman, Adam Wagshul, Patrick Wiater
2001 - William Ertl, Coleman Fowble, James Ringler, Heather Vallier
2000 - David Barei, Robert Hymes, Thomas Schildhauer, Alexandra Schwartz
1999 - Roderick Kuo, Anthony Sanzone, Daniel Segina, Nirmal Tejwani
1998 - Peter Cole, Clifford Jones, Sean Nork, George Russell
1997 - Susan Harding, Edward Harvey, Matthew Mormino, John O'Byrne
1996 - Carey Clark, Bharat Desai, James Krieg, Gregory Thomson
1995 - David Hubbard, John Schwappach, Bruce Twaddle, Timothy Weber
1994 - David Brokaw, Robert Handley, Kevin McNamara, David Teague
1993 - Les Grujic, Judson Ott, Hugh Selznick
1992 - Kathryn Cramer, Mark Meier, Brendan Patterson
1991 - Jens Chapman, Stephen Kottmeier, Robin Peter, Gregory West
1990 - Samuel Agnew, Vincent Santoro
1989 - Gary Gruen, Hilton Mirels, Milton "Chip" Routt
1988 - Paul Benca, David Kaehr, Peter Verdin
1987 - Charles Carr, Thomas Donovan, E. Andrew Jonassen, Bruce Sangeorzan
1986 - James Carr, Charles Cornell, Jonathan Keeve, Daniel Moyer
1985 - Stephen Benirschke, Howard Cotler, Justin LaMont, David Lhowe, John Wilber
1984 - Wayne Moody
1983 - Lawrence Webb
1982 - Tobin Gerhart, Steven Ratcliffe
1981 - William Burman, Dwight Burney, Wells Jacobson, Kenneth Johnson, James Kellam, Randall Marcus
1980 - Robert Jackson, Sameer Shammas
1979 - Jos Stuyck, Michael Weber

Contact Information

Website: www.orthop.washington.edu

Facebook: www.facebook.com/UWOrthopaedicsSportsMedicine

Twitter: www.twitter.com/UWOrthopaedics

Youtube: www.youtube.com/user/HuskyOrthopaedics

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(2017-18 Trauma ACE Dr. Justin Lucas presenting his research project)



(2018 Graduation Speaker and HMC Trauma ACE Alum Dr. Edward Harvey with Dr. Benirschke)