



# UW Medicine

ORTHOPAEDICS  
AND SPORTS MEDICINE

## 2025-2026

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

## Program Overview

The Orthopaedic Traumatology Advanced Clinical Experience (TACE) 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 TACE 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 TACE 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 TACE rotates through five individual clinical services. The clinical rotations are approximately 2.5 months in duration. Each service or team consists of the TACE, 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.



2024-2025 Fellowship, from L to R: Dr. Daphne Beingessner, Dr. Lillia Steffenson (ACE), Dr. Zachary Rockov (ACE), Dr. David Barei, Dr. Reza Firoozabadi, Dr. Joseph Dynako (ACE), Dr. William Davis (ACE), Dr. Alexander Roszman (ACE), Dr. Erika Roddy, Dr. Stephen Benirschke, Dr. Conor Kleweno, Dr. Sean Nork, and Dr. Lisa Taitsman

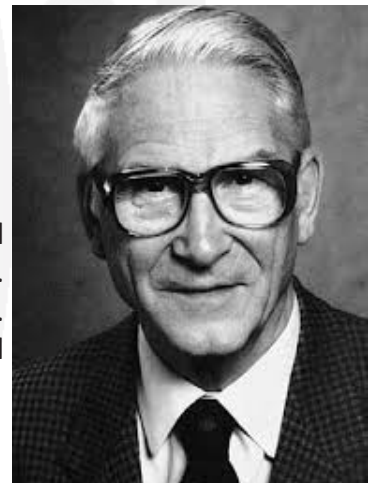
# Program History

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 nail-ing. 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.





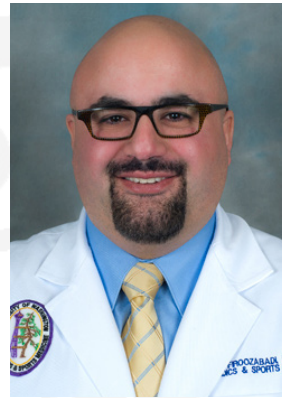
# Fellowship Faculty



**Program Director:**

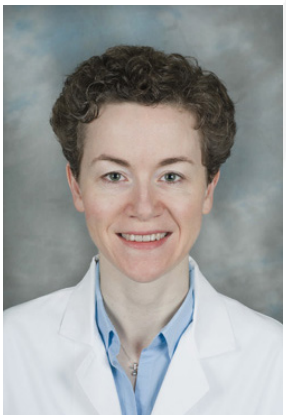
**David P. Barei, MD, FRCSC**

Professor of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine Director of University of Washington Trauma Education



**Reza Firoozabadi, MD**

Associate Professor of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine



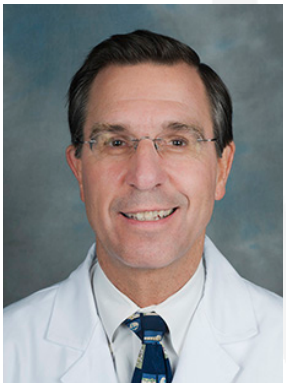
**Daphne Beingessner, MSc, MD, FRCSC**

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



**Michael Githens, MD, MS**

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



**Stephen Benirschke, MD**

Professor of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine



**Zachary Rockov, MD**

Assistant Professor of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine



**Robert P. Dunbar Jr., MD**

Associate Professor of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine

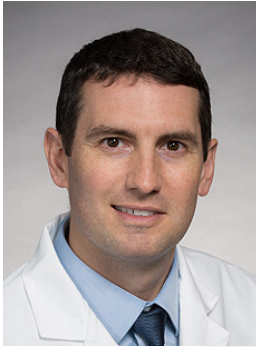


**M. Bradford Henley, MD, MBA**

Professor Emeritus of Orthopaedic Surgery & Sports Medicine, University of Washington School of Medicine



# Fellowship Faculty



**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 of Orthopaedic Trauma  
Harborview Medical Center



**Lisa Taitzman, MD, MPH**

Professor of Orthopaedics & Sports Medicine  
University of Washington School of Medicine  
Vice Chair of Education



**Erika Roddy, MD**

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

# Fellowship Specifics

The TACE 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 TACE 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 TACE works in the assigned team's orthopaedic clinic one day per week. The TACEs 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 TACEs. Similarly, almost any investigation can be developed.

## Trauma Rotation Weekly Schedule

|      | BLUE                             | GREEN                                      | RED                              | FOOT/RESEARCH                                 | PELVIS                           |
|------|----------------------------------|--------------------------------------------|----------------------------------|-----------------------------------------------|----------------------------------|
| MON  | HMC Operating Room               | HMC Operating Room (Rockov)                | HMC Operating Room               | <u>Pelvic Clinic:</u><br>1-West Trauma Clinic | HMC Operating Room               |
| TUES | 1-West Trauma Clinic             | HMC Operating Room (Kleweno/Nork/Taitsman) | HMC Operating Room (Firoozabadi) | 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



**Tyler Chavez, MD**

Dr. Chavez received his Doctor of Medicine from Harvard University in Boston, MA. He completed his Orthopedic Surgery Residency at the University of New Mexico in Albuquerque, NM



**Michael Gustin, MD**

Dr. Gustin received his Doctor of Medicine from Boston University School of Medicine in Boston, MA. He completed his Orthopedic Surgery Residency at the Harvard University in Boston, MA.



**Jaquelyn Kakalecik, MD**

Dr. Kakalecik received her Doctor of Medicine from the Lewis Katz School of Medicine in Philadelphia, PA. She completed her Orthopedic Surgery Residency at University of Florida in Gainesville, FL.



**Mihir Patel, MD**

Dr. Patel received his Doctor of Medicine from the Medical College of Georgia in Augusta, GA. He completed his Orthopedic Surgery Residency at the University of Alabama in Birmingham, AL.



**Eleanor Sato, MD**

Dr. Sato received her Doctor of Medicine from the University of Wisconsin School of Medicine in Madison, WI. She completed her Orthopaedic Surgery Residency at the University of Utah in Salt Lake City, UT

# Harborview Trauma ACE Alumni

|      |                        |                      |                         |                        |                                |
|------|------------------------|----------------------|-------------------------|------------------------|--------------------------------|
| 2025 | William Davis, MD      | Joseph Dynako, MD    | Zachary Rockov, MD      | Alexander Roszman, MD  | Lillia Steffenson, MD          |
| 2024 | Ryan Anthony, MD       | Loren Black, MD      | Abhinav Janghala, MD    | Thomas Seaver, MD      | Noelle Van Rysselberghe, MD    |
| 2023 | Alexander Athey, MD    | Daniel Bechtold, MD  | David Burns, MD         | Nicholas Danford, MD   | Erika Roddy, MD                |
| 2022 | Michael Chen, MD       | Graham DeKeyser, MD  | Mary Kate Erdman, MD    | Nathan Olszewski, MD   | Aleksey Dvorzhinskiy, MD       |
| 2021 | D' Ann Arthur, MD      | Malcolm DeBaun, MD   | Krystin Hidden, MD      | Alvin Shieh, MD        | L. Henry Goodnough, MD         |
| 2020 | Sean Campbell MD       | Iain Elliott, MD     | Erik Magnusson, MD      | Joseph Patterson, MD   | Stephen Wallace, MD            |
| 2019 | Jerad Allen, MD        | Roberts Jacobs, MD   | Kimberly Jacobsen, MD   | Robert Wojahn, MD      | Jennifer Tangtiphaibontana, MD |
| 2018 | David Donohue, MD      | Garin Hecht, MD      | Justing Lucas, MD       | Sara Putnam, MD        | Michael Talerico, MD           |
| 2017 | Joseph Cohen, MD       | Adam Hirschfeld, MD  | Kevin Murr, MD          | Motasem Refaat, MD     | Nicholas Romero, DO            |
| 2016 | Timothy Alton, MD      | Matthew Garner, MD   | Michael Githens, MD     | Justin Haller, MD      | Matthew Sullivan, MD           |
| 2015 | John Lee, MD           | Mara Schenker, MD    | David Shearer, MD       | Paul Toogood, MD       | Brandon Yuan, MD               |
| 2014 | Thomas Fishler, MD     | James Learned, MD    | Milton Little, MD       | Clay Spitler, MD       | Jonah Hebert-Davies, MD        |
| 2013 | Mitchell Bernstein, MD | Geoffrey Marecek, MD | John Scolaro, MD        | Joshua Shatsky, MD     | Edward Westrick, MD            |
| 2012 | Mark Adams, MD         | Jonathan Eastman, MD | Reza Firoozabadi, MD    | Thomas Large, MD       | Jason Schneidkraut, MD         |
| 2011 | Richard Barber, MD     | Anna Miller, MD      | John Munz, MD           | Soren Olsen, MD        | Lorra Sharp, MD                |
| 2010 | Julius Bishop, MD      | William Cross, MD    | Gregory Dikos, MD       | Donald Glasgow, MD     | Mark Steeves, MD               |
| 2009 | Leo Calafi, MD         | Medardo Maroto, MD   | Saam Morshed, MD        | Chinedu Nwosa, MD      | R. Allan Maples, MD            |
| 2008 | Michael Brennan, MD    | Andrew Evans, MD     | Jason Evans, MD         | Michael Gardner, MD    | Oldenburg, MD                  |
| 2007 | Erik Kubiak, MD        | Samir Mehta, MD      | Amer Mirza, MD          | Eric Puttler, MD       | Zachary Roberts, MD            |
| 2006 | Ginger Bryant, MD      | Matthew Graves, MD   | Craig Greene, MD        | James Howard, MD       | Hobie Summers, MD              |
| 2005 | Joseph Conflitti, MD   | Arturo Gomez, MD     | Gregory Osgood, MD      | David Weiss, MD        | Timothy O'Mara, MD             |
| 2004 | Eric Farrell, MD       | Andrew Howlett, MD   | Robert Molnar, MD       | Paul Stafford, MD      | Gregory Della Rosa, MD         |
| 2003 | Chad Coles, MD         | Robert Dunbar, MD    | David Polonet, MD       | Carla Smith, MD        | Daphne Beingessner, MD         |
| 2002 | Matthew Camuso, MD     | Patrick McNair, MD   | Lisa Taitzman, MD       | Adam Wagshul, MD       | E. Mark Hammergerg, MD         |
| 2001 | William Ertl, MD       | Coleman Fowble, MD   | James Ringler, MD       | Heather Vallier, MD    | Patrick Wiater, MD             |
| 2000 | David Barei, MD        | Robert Hymes, MD     | Alexandra Schwartz, MD  | Thomas Schildhauer, MD |                                |
| 1999 | Roderick Kuo, MD       | Anthony Sanzone, MD  | Daniel Segina, MD       | Nirmal Tejwani, MD     |                                |
| 1998 | Peter Cole, MD         | Clifford Jones, MD   | Sean Nork, MD           | George Russell, MD     |                                |
| 1997 | Susan Harding, MD      | Edward Harvey, MD    | John O'Bryne, MD        | Matthew Mormino, MD    |                                |
| 1996 | Carey Clark, MD        | Bharat Desai, MD     | James Krieg, MD         | Gregory Thomson, MD    |                                |
| 1995 | David Hubbard, MD      | John Schwappach, MD  | Bruce Twaddle, MD       | Timothy Weber, MD      |                                |
| 1994 | David Brokaw, MD       | Robert Handley, MD   | Kevin McNamara, MD      | David Teague, MD       |                                |
| 1993 | Les Grujic, MD         | Judson Ott, MD       | Hugh Selznick, MD       |                        |                                |
| 1992 | Katherine Cramer, MD   | Mark Meier, MD       | Brendan Patterson, MD   |                        |                                |
| 1991 | Jens Chapman, MD       | Robin Peter, MD      | Gregory West, MD        | Stephen Kottmeier, MD  |                                |
| 1990 | Samuel Agnew, MD       | Vincent Santoro, MD  |                         |                        |                                |
| 1989 | Gary Gruen, MD         | Hilton Mirels, MD    | Milton "Chip" Routt, MD |                        |                                |
| 1988 | Paul Benca, MD         | David Kaehr, MD      | Peter Verdin, MD        |                        |                                |
| 1987 | Charles Carr, MD       | Thomas Donovan, MD   | Bruce Sangeorzan, MD    | E. Andrew Jonassen, MD |                                |
| 1986 | James Carr, MD         | Charles Cornell, MD  | Jonathan Keeve, MD      | Daniel Moye, MD        |                                |
| 1985 | Howard Cotler, MD      | Justin LaMont, MD    | David Lhowe, MD         | John Wilbur, MD        | Stephen Benirschke, MD         |
| 1984 | Wayne Moody, MD        |                      |                         |                        |                                |
| 1983 | Lawrence Webb, MD      |                      |                         |                        |                                |
| 1982 | Tobin Gerhart, MD      | Steven Ratcliffe, MD |                         |                        |                                |
| 1981 | William Burnam, MD     | Dwight Burney, MD    | Wells Jacobson, MD      | Kenneth Johnson, MD    | James Kellam, MD               |
| 1980 | Robert Jackson, MD     | Sameer Shammas, MD   |                         |                        | Randall Marcus, MD             |
| 1979 | Joseph Stuyck, MD      | Michael Weber, MD    |                         |                        |                                |



# Contact Information

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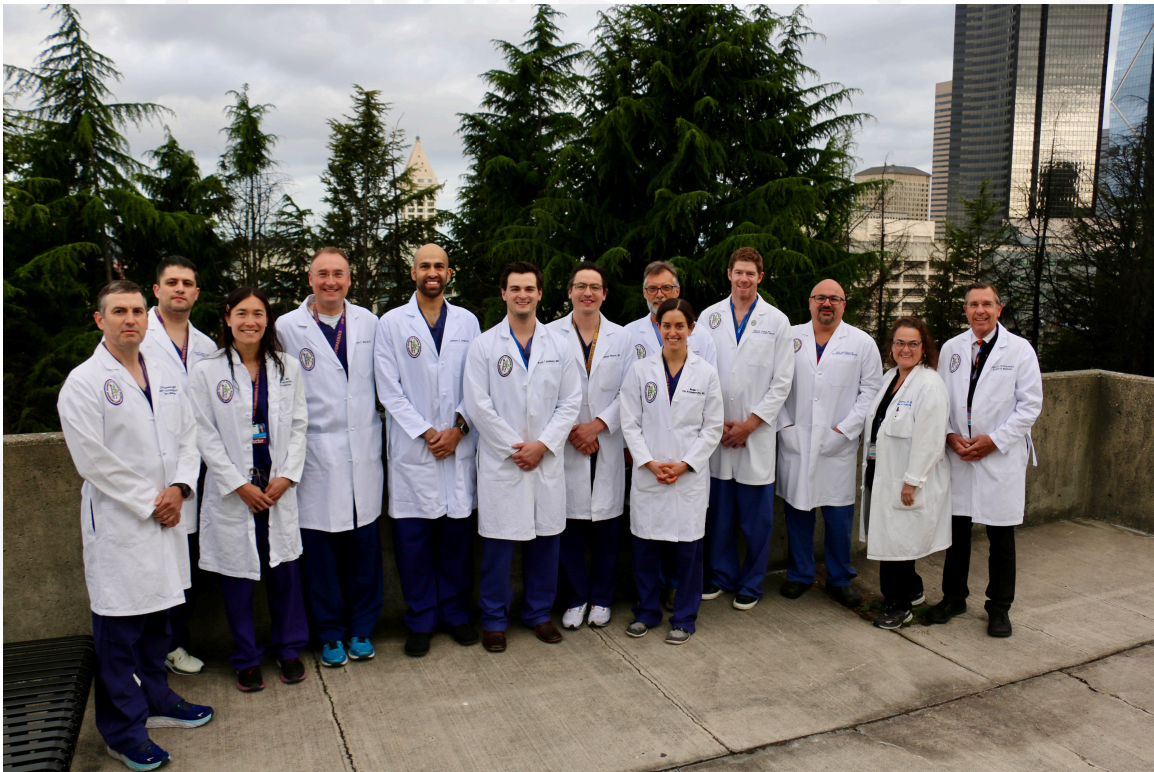
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Youtube: [www.youtube.com/user/HuskyOrthopaedics](http://www.youtube.com/user/HuskyOrthopaedics)



2023-2024 ACEs, from L to R: Dr. Conor Kleweno, Dr. Jonah Hebert-Davies, Dr. Erika Roddy, Dr. Loren Black (ACE), Dr. Abhinav Janghala (ACE), Dr. Ryan Anthony (ACE), Dr. Thomas Seaver (ACE), Dr. David Barei, Dr. Noelle Van Rysselberghe (ACE), Dr. Michael Githens, Dr. Reza Firoozabadi, Dr. Lisa Taitsman and Dr. Stephen Benirschke