UW Fall Visiting Professor Lectureship
Orthopedic Surgery – Spine Surgery

Friday, October 10, 2025

HSLC 1335 | School of Medicine and Public Health | Madison, WI



Sigurd Berven, MD

Professor, Orthopaedic Surgery, University of California, San Francisco School of Medicine
Spine Service Chief, University of California, San Francisco

Agenda

7:15 **Breakfast**

8:00 **Welcome, Introductions and Overview**
Seth Williams, MD

Orthopedic Surgery Perioperative Optimization

8:05 **"Optimizing Care Along the Continuum of Care – Preoperative Optimization, Intra-Operative Standardization, Post-Operative Accountability"**
Sigurd Berven, MD

8:50 **"Iron Deficiency Anemia – Why Should We Care?"**
Mark Stram, MD

9:15 **"Pain Plan"**
Miranda Bice, MD

9:35 **Break/Blitz Talk**
Brian Grogan, MD – Skillet Surface Technology: Principles, Techniques, Controversies

Innovations in Orthopedic Surgery

9:45 **"So You Think You Have a Good Idea – How to Bring It to Market"**
Clifford Tribus, MD

10:00 **"Innovations in Orthopedics – Measuring the Value of New Technologies"**
Sigurd Berven, MD

10:30 **"Surgical Duration Prediction"**
Seth Williams, MD

10:45 **Break/Blitz Talk**
Timothy Carlson – Maple Syrup Basics

Spine Meets Sports

11:00 **"Return to Sport After L5/S1 ALIF for Isthmic Spondylolisthesis"**
James Bernatz, MD

11:30 **"Return to Sport After Lumbar Disk Herniation"**
Sarah Ryan, MD

11:45 **"ACDA in the Collision Athlete"**
Luke Momper, MD

12:00 **Lunch**

Spinal Deformity

12:45 **"An Evidence-Based Approach to the Management of Adult Spinal Deformity: Principles of Appropriate Use of Care "**
Sigurd Berven, MD

1:30 **"T10-Pelvis Epidemic"**
Clifford Tribus, MD

1:45 **"Pelvic Fixation: When, Why and How?"**
James Bernatz, MD

2:00 **"Spinal Endoscopy"**
Nathaniel Brooks, MD

2:15 **Break**

Degenerative Spondylolisthesis

2:30 **Spine Surgery Case Presentations** – Moderator: Seth Williams, MD
Panelists: Sigurd Berven, MD, UW Orthopedic and Neurosurgery Spine Teams
Case Presenters: Kevin Condit, MD, Matthew Hoffa, MD, Drashti Upadhyay, MD, Kyle Wagner, MD

3:45 **Final Comments and Adjourn**

VISITING PROFESSOR



Sigurd Berven, MD, is the chief of the Spine Service at UC San Francisco. He holds a joint appointment in Orthopaedic Surgery and Neurosurgery, and his work involves complex spinal reconstruction in the adult and pediatric spine. Dr. Berven studied Human Biology and Economics at Stanford University. He studied Philosophy, Politics and Economics (PPE) as a graduate student at Oxford University. He then studied medicine at Harvard Medical School, followed by residency in the Harvard Combined Orthopaedic Program. His post-graduate surgical training included a chief residency at the Boston Children's Hospital, and Spine Fellowship at UC San Francisco where he has been on the faculty since August, 2000. Dr. Berven has been a leader in developing an evidence-based approach to disorders of the spine. He is the co-founder of the UCSF Clinical Outcomes Research Program. His research focus has been on appropriate use of surgery, alignment goals in spinal deformity, and predictive modeling of complications and outcomes. His research has been funded by the NIH, NIAMS, NSF, NASA, CDMI, NASS, SRS, OREF, and AO Spine.

Sig and Za Berven met in Oxford as graduate students, and as national team rowers, representing the US and Britain respectively. They have 3 sons. Alistair Berven graduated from Princeton University with a degree in Civil and Environmental Engineering and Oxford reading Environmental Science. He is a managing partner in Energy Solutions with Madison Energy Infrastructure. Christopher Berven graduated from Berkeley where he studied environmental science, and Harvard Law School. He is an associate Lawyer at Evergreen Law. Ben Berven is a graduate of Lehigh University where he studied Mechanical Engineering, and he works with Clark Construction as an engineer and project manager.