

DARTMOUTH ORTHOPAEDIC SURGERY SENIOR RESEARCH DAY



Saturday, October 14, 2023

**Mansfield Room
Hilton Garden Inn**



Dartmouth Orthopaedics Senior Research Day

**Saturday, October 14, 2023
8:00 am - 11:30 am**

7:30 Breakfast

8:00 Welcome—Marcus Coe, MD

8:10 **Chief Introduction:**
John-Erik Bell, MD

8:15 **Andrew J. Holte, MD**
Topic: "Association between Polyethylene Wear and Scapular Notching in Reverse Total Shoulder Arthroplasty"

8:45 **Chief Introduction:**
Adam Pearson, MD

8:50 **Kathleen A. Leinweber, MD**
Topic: "Evaluation of the Degenerative Lumbar Spondylolisthesis Instability Classification System as a Guide to Surgical Technique Selection"

9:20 **Chief Introduction:**
Leah Gitajn, MD

9:25 **Phillip T. Snodgrass, MD**
Topic: "Regional Opioid Prescription Rates in Orthopaedic Trauma Patients are Associated with Opioid Dependence using Patient and State-level Data"

9:55 **Chief Introduction:**
Alexander Orem, MD

10:00 **Anthony H. Zou, MD**
Topic: "Reclaim Stems"

10:30 **Introduction of Guest Speaker:**
Wayne Moschetti, MD

10:35 **Antonia F. Chen, MD, MBA**
Topic: "Why and How Should I Conduct Research?"

11:20 Closing remarks:
Marcus Coe, MD

Dartmouth Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Dartmouth Health designates this live activity for a maximum of 2.75 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

At the conclusion of this activity, participants will be able to discuss at least two evidence based clinical practice changes in the care of the orthopaedic surgery patient.

VISITING PROFESSOR



Antonia F. Chen, MD, MBA

Harvard Medical School

Antonia F. Chen MD/MBA is currently an Associate Professor at Harvard Medical School and the Director of Arthroplasty Research at Brigham and Women's Hospital. She was the Associate Director of Research at the Rothman Institute in Philadelphia, an Associate Professor at Sidney Kimmel Medical College, and the Director of Medical Education Curriculum, Musculoskeletal Studies at the Sidney Kimmel Medical College and Thomas Jefferson University. She received her BS from Yale University and her MD from Rutgers Medical School, where she graduated with Distinction in Research and was inducted into the Alpha Omega Alpha Medical Honor Society. Antonia received her MBA from Rutgers Business School and is a member of the Beta Gamma Sigma Honor Society. She completed her orthopaedic residency at the University of Pittsburgh and her fellowship in hip and knee arthroplasty at the Rothman Institute. She is a member of the Knee Society, and the first female surgeon in the Hip Society. She is on the editorial board of 8 journals, and was president of the Musculoskeletal Infection Society. She has authored over 300 publications, 45 book chapters, and 4 books, has won multiple research awards, and has presented all over the world.

SENIOR RESIDENT PRESENTERS

Andrew J. Holte, MD

Faculty/Research Mentor:
John-Erik Bell, MD



Biography:

Dr. Holte graduated from Butler University with a Bachelor of Science in Chemistry. He earned his Doctorate of Medicine from the University of Iowa Roy J. and Lucille A. Carver College of Medicine. Following graduation he will complete a one-year Sports Medicine fellowship at University of Virginia.

Kathleen A. Leinweber, MD

Faculty/Research Mentor:
Adam Pearson, MD



Biography:

Dr. Leinweber graduated from Northwestern University with a Bachelor of Arts in Biological Sciences, Global Health. She earned her Doctorate of Medicine from the Geisel School of Medicine at Dartmouth. Following graduation she will complete a one-year Shoulder/Elbow fellowship at New England Baptist.

Phillip T. Snodgrass, MD

Faculty/Research Mentor:
Leah Gitajn, MD



Biography:

Dr. Snodgrass graduated from the University of Oklahoma with a Bachelor of Arts in Political Science. He completed his pre-medical post-baccalaureate studies at Texas Tech University, Lubbock, TX. He earned his Doctorate of Medicine from the Texas Tech University Health Sciences Center Paul L. Foster School of Medicine. Following graduation he will complete a one-year hand fellowship at the Philadelphia Hand to Shoulder Center.

Antony H. Zou, MD

Faculty/Research Mentor:
Alexander Orem, MD



Biography:

Dr. Zou graduated from Colombia University with a Bachelor of Arts in Biological Sciences. He earned his Doctorate of Medicine from the New York University School of Medicine. Following graduation he will complete a one-year Adult Reconstruction fellowship at Columbia.

Dartmouth Orthopaedic Department Event Planning Committee

Marcus P. Coe, MD, MS, Program Director
Frances D. Faro, MD, Associate Program Director
Penny Atherton, C-TAGME, Residency Program Coordinator