



2025 AAHKS Research Course

Friday, Oct. 24, 2025
10:00 a.m. - 2:15 p.m.
Gaylord Texan Resort & Convention Center
Vineyard Tower – Texoma 1-3

Agenda & Meeting Materials

William M. Mihalko, MD, PhD, Chair
Kenneth L. Urish, MD, PhD, Vice Chair

Faculty:

Derek F. Amanatullah, MD, PhD
Anna R. Cohen-Rosenblum, MD, MSc
Nicholas J. Giori, MD, PhD
James I. Huddleston III, MD
Joshua J. Jacobs, MD
Amber Jennings, PhD
Steven M. Kurtz, PhD
Michael A. Mont, MD
Philip C. Noble, PhD
Hemant G. Pandit, PhD, FRCS, DPhil
F. Johannes Plate, MD, PhD
Peter K. Sculco, MD

Agenda

Introduction (10:00 a.m.)		
10:00 a.m.	Introduction & Welcome to the Research Course	William M. Mihalko, MD, PhD Chair Kenneth L. Urish, MD, PhD Vice Chair
Session I: Funding and Infrastructure (10:00 – 10:45 a.m.) Moderator: Derek F. Amanatullah, MD, PhD		
10:00 – 10:07 a.m.	Initial Grant Opportunities: OREF	Joshua J. Jacobs, MD
10:07 – 10:14 a.m.	Pursuing NIH Funding	Kenneth L. Urish, MD, PhD
10:14 – 10:21 a.m.	Building Research Infrastructure	William M. Mihalko, MD, PhD
10:21 – 10:45 a.m.	Panel Discussion	All faculty
Session II: Conducting Research in Arthroplasty Part A: Clinical Studies and Registries (10:45 – 11:30 a.m.) Moderator: William M. Mihalko, MD, PhD		
10:45 – 10:55 a.m.	Running Randomized Clinical Studies	Hemant G. Pandit, PhD, FRCS, DPhil
10:55 – 11:02 a.m.	Research Opportunities with the AJRR	James I. Huddleston, MD
11:02 – 11:09 a.m.	Prospective and Retrospective Clinical Studies	Peter K. Sculco, MD
11:09 – 11:16 a.m.	Infrastructure for Clinical Research	F. Johannes Plate, MD, PhD
11:16 – 11:30 a.m.	Panel Discussion: Clinical Research	All faculty
Lunch Break (11:30 – 12:00 p.m.)		
11:30 – 12:00 p.m.	<i>Lunch may be picked up in the hallway outside of the Course room. Please return to your seat by 12:00 p.m.</i>	
Session II: Conducting Research in Arthroplasty Part B: Translational and Laboratory Research (12:00 – 1:00 p.m.) Moderator: F. Johannes Plate, MD, PhD		
12:00 – 12:15 p.m.	Clinically Relevant Laboratory Projects	Derek F. Amanatullah, MD, PhD
12:15 – 12:30 p.m.	Biomechanical Testing in Arthroplasty Research	Philip C. Noble, PhD
12:30 – 12:45 p.m.	ASTM Standards and Biomaterials	Amber Jennings, PhD
12:45 – 1:00 p.m.	Database Science, Modeling and Statistics in Arthroplasty	Steven M. Kurtz, PhD
Session III: Publishing and Peer Review (1:00 – 2:00 p.m.) Moderator: Kenneth L. Urish, MD, PhD		
1:00 – 1:10 p.m.	Journal of Arthroplasty (JOA)	Michael A. Mont, MD

1:10 – 1:20 p.m.	<i>Arthroplasty Today (AT)</i>	Anna R. Cohen-Rosenblum, MD, MSc
1:20 – 1:30 p.m.	<i>Journal of Bone and Joint Infection (JBJI)</i>	Derek F. Amanatullah, MD, PhD
1:30 – 1:40 p.m.	<i>Journal of Bone and Joint Surgery (JBJS)</i>	Nicholas J. Giori, MD, PhD
1:40 – 2:00 p.m.	Panel Discussion	All faculty
Closing Comments & Adjourn (2:15 p.m.) William M. Mihalko, MD, PhD, Chair and Kenneth L. Urish, MD, PhD, Vice Chair		