



2024 AAHKS Research Course

Friday, November 8, 2024

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

Brenna E. Blackburn, PhD, MPH, Co-Chair

Faculty:

Kevin J. Bozic, MD, MBA

Antonia F. Chen, MD, MBA

Ayushmita De, PhD

Jeremy M. Gililand, MD

Christopher T. Holland, MD, MS

James I. Huddleston III, MD

William A. Jiranek, MD, FACS

Margaret C. Knack, RN, BSN, MS, CCRP

Steven M. Kurtz, PhD

Javad Parvizi, MD, FRCS

Nicolas S. Piuze, MD

Khaled J. Saleh, MD, MPH, MHCM (Harv), FRCSC, CPE

Bryan D. Springer, MD

Kenneth L. Urish, MD, PhD

Agenda

Opening Comments (10:00 – 10:05 a.m.)		
10:00 a.m.	Welcome	William M. Mihalko, MD, PhD
Session I: Clinical Research: Study Design and Analysis (10:05 – 11:10 a.m.) Moderator: Brenna E. Blackburn, PhD, MPH		
10:05 a.m.	What Infrastructure Is Needed to Succeed in Clinical Research	Javad Parvizi, MD, FRCS
10:15 a.m.	Using Population Health to Research and Improve Outcomes	Khaled J. Saleh, MD, MPH, MHCM (Harv), FRCS, CPE
10:25 a.m.	Building a Clinical Outcome and PROMs Database	Jeremy M. Gililland, MD
10:35 a.m.	How to Design, Initiate and Succeed in Multicenter	Nicolas S. Piuze, MD
10:45 a.m.	Application of AI in Hip and Knee Arthroplasty Research	Kenneth L. Urish, MD, PhD
10:55 a.m.	Panel Discussion and Q&A	All faculty
Break (11:10 – 11:20 a.m.)		
11:10 a.m.	Coffee break	Hall outside meeting room
Session II: Clinical Research: Administration and IRB (11:10 a.m. – 12:25 p.m.) Moderator: Brenna E. Blackburn, PhD, MPH		
11:10 a.m.	Building a Team to Succeed	Christopher T. Holland, MD, MS
11:30 a.m.	IRB Pearls and Pitfalls	Brenna E. Blackburn, PhD, MPH
11:40 a.m.	Legal and Regulatory Considerations with the IRB	Margaret C. Knack, RN, BSN, MS, CCRP
11:50 a.m.	Approval and Managing Multicenter Studies	Steven M. Kurtz, PhD
12:00 p.m.	Panel Discussion and Q&A	All faculty

Lunch

(12:20 – 12:50 p.m.)

12:25 p.m.	Lunch may be picked up in the hallway outside of the meeting room. Please return to your seat by 12:50 p.m.	Hall outside Texoma 1-3
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Session III: Big Data Analysis and Opportunities

(12:50 – 2:15 p.m.)

Moderator: William M. Mihalko, MD, PhD

12:50 p.m.	Big Data Research Opportunities	Kevin J. Bozic, MD, MBA
1:00 p.m.	What Registry and Study Databases are available for mining?	Bryan D. Springer, MD
1:10 p.m.	Validation of Registry Data	Antonia F. Chen, MD, MBA
1:20 p.m.	Using the AJRR for Multicenter Controlled Trials	William A. Jiraneck, MD, FACS
1:30 p.m.	AJRR Update and Analytics	James I. Huddleston III, MD
1:50 p.m.	The AJRR Research Fellowship Report	Ayushmita De, PhD
2:00 p.m.	Panel Discussion and Q&A	All faculty

Adjourn

(2:15 p.m.)