



AAHKS 2022 ANNUAL MEETING

Research Course

2022 AAHKS Annual Meeting – 9:30 a.m. to 2:45 p.m.
Gaylord Texan Resort and Convention Center
Texoma 1-3
Grapevine, Texas, USA

Course Co-Chairs:

Susan M. Odum, PhD
Ran Schwarzkopf, MD, MSc
Bryan D. Springer, MD

Course Faculty:

Nicholas A. Bedard, MD
Daniel J. Berry, MD
Brenna E. Blackburn, PhD
Mita De, PhD
Richard L. Illgen II, MD
Amethia Joseph, CCRP
Alison K. Klika, MS
Hilal M. Kremers, MD
Dirk Larson, MS
David G. Lewallen, MD
Allina A. Nocon, PhD
Daniel Waren, MS
Cody C. Wyles, MD
Isabella Zaniletti, PhD

Course Facilitators:

Chiara Rodgers, MPH, CRCC
Christina Stenzel



AAHKS Research Course Agenda

Introduction

9:30 – 9:35 a.m.

9:30 – 9:35 a.m.

Welcome to the 2022 Research Course!

Susan M. Odum, PhD, Ran Schwarzkopf, MD, MSc and Bryan D. Springer, MD

Session I: Study Design & Statistical Analysis in TJA Research

9:35 – 10:42 a.m.

Moderator: *Susan M. Odum, PhD*

9:35 – 9:38 a.m.

Study Design and Statistical Analysis: Primer for MDs

Susan M. Odum, PhD

9:38 – 9:46 a.m.

Observational Study Design

Isabella Zaniletti, PhD

9:46 – 9:54 a.m.

Randomized Clinical Trial Study Design

Brenna E. Blackburn, PhD

9:54 – 10:02 a.m.

Statistical Approaches for Different Study Designs

Brenna E. Blackburn, PhD

10:02 – 10:10 a.m.

Causation and Correlation

Isabella Zaniletti, PhD

10:10 – 10:18 a.m.

Overview of Regression Models

Dirk Larson, MS

10:18 – 10:26 a.m.

Survivorship and Competing Risk Models

Dirk Larson, MS

10:26 – 10:34 a.m.

Applications of AI with EHR-Based Research

Cody C. Wyles, MD

10:34 – 10:42 a.m.

Panel Discussion and Q/A

Susan M. Odum, PhD

10:42 – 10:50 a.m.

Break

Session II: Successful Administration of a TJA Clinical Research Program

10:50 – 11:46 a.m.

Moderator: *Ran Schwarzkopf, MD, MSc*

10:50 – 10:58 a.m.

Investigator Initiated Study: Conception to Publication

Allina A. Nocon, PhD

10:58 – 11:06 a.m.

Building a Team That Lasts

Alison K. Klika, MS

11:06 – 11:14 a.m.

Budget Projection and Managing Finances

Christina Stenzel

11:14 – 11:22 a.m.

Legal, Regulatory Considerations and the IRB

Daniel Waren, MS

11:22 – 11:30 a.m.

Managing Multicenter Studies

Amethia Joseph, CCRP

11:30 – 11:38 a.m.

Funding Opportunities: What's Out There?

Hilal M. Kremers, MD

11:38 – 11:46 a.m.

Panel Discussion and Q/A

Ran Schwarzkopf, MD, MSc

Lunch Break

11:46 a.m. – 12:15 p.m.

11:46 a.m.

Pick up Lunch – served outside of the Course Room.



– 12:15 p.m.



Session III: Big Data in Joint Arthroplasty Research

12:15 – 1:05 p.m.

Moderator: *Bryan D. Springer, MD*

12:15 – 12:23 p.m.	Big Data: How to Choose: Pros and Cons	Daniel J. Berry, MD
12:23 – 12:31 p.m.	AJRR: What’s in It and What Can I Do with It?	Richard L. Illgen II, MD
12:31 – 12:39 p.m.	The AJRR Data Analytics: How It Works	Mita De, PhD
12:39 – 12:48 p.m.	Validation of Registry Data	Nicholas A. Bedard, MD
12:48 – 12:56 p.m.	The AJRR-C P30 Grant: How Can It Help You?	David G. Lewallen, MD
12:56 – 1:05 p.m.	Panel Discussion and Q/A	Bryan D. Springer, MD

Session IV: PROMS in Total Joint Arthroplasty Research

1:05 – 1:45 p.m.

Moderator: *Ran Schwarzkopf, MD, MSc*

1:05 – 1:13 p.m.	Overview of Common Validated PROMs: General Health, Hip, Knee, Condition Specific	Nicholas A. Bedard, MD
1:13 – 1:21 p.m.	Methods to Determine MCID and Analysis of PROMs	Isabella Zaniletti, PhD
1:21 – 1:29 p.m.	Planning & Implementing Arthroplasty PROMs Registry	Allina A. Nocon, PhD
1:29 – 1:37 p.m.	Managing a Successful Arthroplasty PROMs Registry	Alison K. Klika, MS
1:37 – 1:45 p.m.	Panel Discussion and Q/A	Ran Schwarzkopf, MD, MSc

Adjournment

1:45 – 1:50 p.m.

1:45 – 1:50 p.m. Course Wrap-up and Adjourn

Susan M. Odum, PhD, Ran Schwarzkopf, MD, MSc and Bryan D. Springer, MD

****OPTIONAL ADD-ON: Register Separately****

Writing Winning Grants: Small Group Session

1:50 – 2:45 p.m.

This will be an interactive peer-review and critique of grant proposals, including specific aims and SAP.

To register:

Please send proposals to meeting@aaahks.org by October 21, 2022,
with *Research Course* in the subject line.

Faculty:

Hilal M. Kremers, MD, Isabella Zaniletti, PhD, Dirk Larson, MS, Brenna E. Blackburn, PhD,
Susan M. Odum, PhD, Allina A. Nocon, PhD, Nicholas A. Bedard, MD, Cody C. Wyles, MD