



Pittsburgh Spine Summit

Allegheny General Hospital
August 11-13, 2022



Conference Overview

The Pittsburgh Spine Summit is an annual meeting devoted to advancing the field of spine surgery through the exposition of relevant spine surgical skills, advanced technologies and complications from master spine surgeons. The program is designed for senior-level residents and early-career spine surgeons from both Neurosurgery and Orthopedic Surgery backgrounds. Physician assistants, nurse practitioners, nurses and other physicians involved in the care of patients with spinal disease are also encouraged to attend.

This will be an in-person hands-on laboratory and didactic event, with the option for attendees to participate in the didactic portion virtually.

The course will consist of:

- Lectures from world-renowned invited faculty discussing their most complicated cases
- Presentation of standard and advanced approaches for the thoracolumbar and cervical spine
- Hands-on cadaver dissection sessions which will expose attendees to and reinforce their knowledge in the latest technology in minimally invasive surgical techniques
- Interactive case review sessions with invited faculty

Every year a host of preeminent surgeons take the stage to discuss their most thought provoking lessons gained from their surgical experience. Past keynote speakers have included Volker Sonntag, MD; Hansen Yuan, MD; Arthur Steffe, MD; Edward Benzel, MD; and Hamilton Hall, MD.

Intended Audience: neurosurgeons, orthopaedic spine surgeons, residents, medical students, basic science researchers, physician assistants, nurse practitioners, nurses and others interested in the latest advances in spine surgery.

Course Directors

Boyle Cheng, PhD

Director of Translational Research
AHN Neuroscience Institute

Alexander Yu, MD

Vice Chairman
AHN Neuroscience Institute

Hamilton Hall, MD

Professor of Surgery
University of Toronto

Jonathan Karnes, MD

Assistant Professor of Clinical Orthopaedics
Wexner Medical Center

Larry Khoo, MD

The Spine Clinics of Los Angeles
Los Angeles, California

Invited Faculty

Neel Anand, MD

Professor of Orthopaedic Surgery
Cedars-Sinai Spine Center

Paul A. Anderson, MD, MS

Professor, Orthopedics & Rehabilitation
University of Wisconsin

James Billys, MD

University of South Florida

Scott Blumenthal, MD

Clinical Assistant Professor
Orthopaedic Surgery
Texas Back Institute

Joseph Cheng, MD, MS

Frank H. Mayfield Professor and Chair
University of Cincinnati School of Medicine

Jerome Connor, PhD

Vice President, Research and Development
CeraPedics

John France, MD

Professor and Vice Chair Orthopaedics
West Virginia University

Doug Orr, MD

Center for Spine Health
Cleveland Clinic

Stephen Pirris, MD

St. Vincent Brain and Spine Institute

James Ryaby, PhD

Sr. Vice President
Kuros Bioscience

Robert C. Spiro, PhD

Senior Vice President
Biologics Development
Aesculap, Inc.

Bobby Tay, MD

Professor of Orthopaedic Surgery
UCSF Medical Center

William Welch, MD

Professor of Neurosurgery and
Orthopaedic Surgery
Pennsylvania Hospital

Jon J.W. Yoon, MD, MSc

Assistant Professor of Clinical Neurosurgery
University of Pennsylvania School of Medicine

Allegheny Health Network Faculty

Daniel Altman, MD

Department of Orthopaedic Surgery
Professor of Orthopaedic Surgery
Drexel University College of Medicine

Justin Davanzo, MD

Department of Neurosurgery
Allegheny Health Network

Jody Leonardo, MD

Director, Residency Program
Department of Neurosurgery
Assistant Professor of Neurosurgery
Drexel University College of Medicine

Lara Massie, MD

Department of Neurosurgery

Michael Patterson, MD

Anesthesiology PainManagement

Richard Prostko, MD

Vice Chairman
Department of Neurosurgery

Ryan Sauber, MD

Division of Spine Surgery
Department of Orthopaedic Surgery

Nestor Tomycz, MD

Department of Neurosurgery
Allegheny Health Network
Assistant Professor of Neurosurgery
Drexel University College of Medicine

Kevin Walsh MD

Department of Neurosurgery

Donald M. Whiting M.D., M.S.,FACS

Chief Medical Officer
President, Physician Organization
System Chair, Neuroscience Institute

Chen Xu, MD

Department of Neurosurgery

Preliminary Agenda

Thursday, August 11, Sponsored Surgical Skills Day

11:00AM	Registration and lunch
12:00PM	Welcome Remarks and Introduction to Bioskills Boyle Cheng, PhD
12:00PM – 4:00PM	Surgical Skills Competition
7:00PM	Sponsored Reception

Friday, August 12, Sponsored Cadaver Lab

6:30AM	Registration and Breakfast
7:00AM	Sponsored Lecture Series
8:00AM	Sponsored Cadaver Lab Morning Session
11:00AM	Lunch
12:00AM	Sponsored Cadaver Lab Afternoon Session

Friday, August 12 (continued)

OFFICIAL SPINE SUMMIT KICKOFF

2:00PM	Welcome and Introduction
2:10PM	Spine Surgery Complications Competition Moderator: TBD
3:30PM	Break
3:45PM – 5:00PM	Session I - Pain Management (Title and Sponsor TBD) Moderator: TBD
7:00PM	Spine Summit Welcome Reception Open to all conference attendees, exhibitors, and guests

Saturday, August 13

7:30AM	Registration and Continental Breakfast
8:00AM	Cadaver Lab Workshop: Hands on with New Technologies Sponsors/Stations TBD
12:00PM	Lunch and Learn – CME Accredited Lecture Sponsors/Speaker TBD
1:00PM	Session II
2:00PM	Break
2:15PM	Session III
3:15PM	Closing Remarks
6:00PM	Group Activity (TBD)

Registration

No fee for registration
(scan for registration)



AHN CME Website

<https://cme.ahn.org/content/pittsburgh-spine-summit-2022>

Accreditation

This course will provide 1 CME credit.

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Allegheny General Hospital designates this live activity for a maximum of 1 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*CME credit is not provided for industry-sponsored workshop.

Faculty Disclosure

As a provider accredited by ACCME, Allegheny General Hospital must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

Conference Location

Allegheny General Hospital
Magovern Conference Center
& Center for Surgical Arts
320 East North Avenue
Pittsburgh, PA 15212

Hotel Accommodations

Fairmont Pittsburgh
501 Market Street
Pittsburgh, PA 15222
412.773.8800



Allegheny
Health Network



Center for Surgical Arts

The Center for Surgical Arts (CSA) is one of the most advanced teaching labs in the country, offering state-of-the-art technologies and capabilities. Conveniently located on the fourth floor of Allegheny General Hospital's South Tower, the center features:

- 21 training stations
- 15 downdraft tables
- Video monitors at each training bay
- Digitally controlled, OR-grade lighting for optimal visibility during surgery
- Dedicated air handling and ventilation system that reduces odors
- Conference room for additional training needs

With its advanced audio-visual capabilities, the lab allows clinical instructors at a central station to demonstrate surgical techniques and equipment. The CSA also allows for live streaming of surgical cases from the hospital's operating rooms.

The center promotes outstanding educational opportunities for medical students, residents, fellows, and physicians. They can learn pioneering technology and gain skills using new equipment — such as CT-like scanners, surgical navigation, and dissection microscopes — taught by experienced, professional staff.

“This facility, one of a unique few in the nation, is ideal for mastering anatomy, complex surgical procedures, and exploring new techniques.”

Boyle Cheng, PhD, Director of Research,
Allegheny General Hospital Neuroscience Institute

For more information, to arrange a tour, or to schedule a training course, please call 412-359-4810.