



The Alumni Association of the
Department of Orthopedic Surgery
presents



The 2025 Scientific Program and Sir Robert Jones Lecture

November 6-7, 2025

HONORARY SPEAKER

David Lewallen, MD

Professor of Orthopedic Surgery

Mayo Clinic Department of Orthopedic Surgery

The 2025 Scientific Program and Sir Robert Jones Lecture

Alumni Board and Officers	page 2
Welcome from Dr. Stevens	page 3
Welcome from Dr. Alaia	page 4
Course Description	page 6
Program	page 8
Sir Robert Jones History	page 13
Guest Speakers	page 15
Accreditation / Disclosure / Credit Statements	page 17



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Message from Program Chair

Nicole Stevens, MD

It gives me great pleasure to welcome you to the 2025 Annual Scientific Meeting of the Alumni Association, highlighted by the 94th Sir Robert Jones Lecture delivered by David Lewallen, MD.

As the Sir Robert Jones 2025 Program Chair, I have had the honor of reviewing the record-breaking number of abstract submissions in topics covering the spectrum of all orthopedic sub-specialties. The presentations selected at this meeting are indicative of the outstanding work being produced by our alumni members, our faculty, and our resident and fellow trainees.

The Sir Robert Jones Alumni Scientific Meeting is a reminder of the surgeons across the United States and beyond who have trained at our institution. One of my favorite parts of the program is reconnecting with alumni and hearing about their current practice, research activities and ongoing innovation.

I hope all of you find this meeting to be informative and engaging!

Sincerely,



A handwritten signature in black ink, appearing to read 'Nicole Stevens'.

Nicole Stevens, MD
Program Chair, Alumni Association
Class of 2020

Dear Alumni Members,

On behalf of the Alumni Association I would like to extend my sincere appreciation for your steadfast support and loyal participation. I am truly honored and humbled to be given the opportunity to serve as President.

In 2024, the Alumni Association established the Joseph D. Zuckerman, MD, Education Fund which honors his enduring legacy as a clinician and educator. This year we are proud to announce a fundraising campaign for our newly established Loeb Auditorium Dedication Fund. This campaign will fund our expanded alumni events, especially as we are now hosting alumni receptions at various specialty meetings. I encourage all of you to dedicate a seat at Loeb Auditorium for yourself or in honor of another colleague.

Finally, I am delighted to honor our own William Jaffe, MD, our first ever Alumni Lifetime Achievement Awardee. Not only is Dr. Jaffe a distinguished alumnus and a current Vice Chair for the Department, he has been a tireless advocate for NYU Langone Orthopedics during his entire career. The Alumni Association is honored that we can celebrate his career and his accomplishments. Please accept my best wishes and gratitude for your continued commitment and I hope you all enjoy the academic proceedings and this evening's reception at 230 Fifth Avenue Rooftop.

Sincerely,



A stylized, handwritten signature in black ink, appearing to read 'M. Alaia'.

Michael J. Alaia, MD
President, Alumni Association
Class of 2012

Course Description

The annual Sir Robert Jones Lecture, first delivered at the Hospital for Joint Diseases Orthopedic Institute in 1930, continues the tradition of excellence in orthopedics through the work of distinguished contemporary scholars and also honors the achievements of Sir Robert Jones. The papers presented are a combination of clinical experiences and results as well as basic science research that involves anatomical, biomechanical and animal research.

This year's keynote lectures will be delivered by our distinguished honorary lecturer David Lewallen, MD.

Target Audience

NYU Langone Orthopedics attending staff, alumni, and trainees.

Statement of Need

Orthopedics has several subspecialties. In each of these subspecialties, there are epidemiological issues that warrant discussion and need to be shared among specialists. Increasingly, orthopedists in academic medical centers also need to stay informed on the rapidly changing technologies and cutting-edge surgical techniques in the field of orthopedic surgery. Our Sir Robert Jones academic meeting gathers together clinicians across all the subspecialties of orthopedic surgery to discuss advances in the field with special attention to patient outcomes research.



Our honored guest and Sir Robert Jones keynote lecturer, David Lewallen, is an internationally-recognized expert in the areas of adult reconstructive surgery and joint replacement. Our alumnus lecturer is William Jaffe, MD, Vice Chair and an expert in the field of adult reconstructive surgery. They are joined by a roster of experts delivering presentations on a wide range of topics touching on every subspecialty in orthopedic surgery.

Educational Objectives

At the conclusion of this activity, participants should be able to:

1. Create strategies that address the latest clinical issues in the various subspecialties of orthopedic surgery
2. Create strategies that incorporate the latest techniques in each orthopedic surgical subspecialty into practice
3. Determine how best to integrate clinical science, diagnostic imaging, and state-of-the-art techniques when planning both investigative procedures and operations



Program Agenda

Thursday, November 6

Suzanne & Thomas Murphy Alumni Hall at Tisch Hospital (Ground Level), 550 First Avenue

6:00 pm **Welcome and Introduction**

Michael Alaia, MD
Nicole Stevens, MD

6:10 pm **Lecture**

Revision TKA: A 40 Year Perspective
David Lewallen, MD

Friday, November 7

Suzanne & Thomas Murphy Alumni Hall at Tisch Hospital (Ground Level), 550 First Avenue

6:50 am **Breakfast**

7:30 am **Welcome**

Nicole Stevens, MD

Arthroplasty Session

Moderator: William Macaulay, MD

7:36 am **Synthesis of a Pragmatic Knee Gap Phenotype Classification System During Robotic TKA**
Vinay Aggarwal, MD

7:42 am **Periprosthetic Patellar Fractures Following TKA: A Clinical Cohort Study and the Proposal of the SOX Classification System**
Joshua Rozell, MD

7:48 am **No Difference in Reoperation, Revision, or Infection Eradication Rates in Patients Undergoing '1.5-Stage' Articulating Spacers for PJI Following TKA**
David Kugelman, MD

7:54 am **Question and Answer**

8:00 am **Case Presentations Panel**

David Kugelman MD, Jessica Morton MD, Carlos Alvarado MD, John Dundon MD

Tumor/Arthroplasty Cases: Complex Pelvic Reconstruction When the going gets tough, the tough get going

Moderator: Nicola Fabbri, MD

8:20 am **Introduction**

Fabbri, Nicola MD

8:25 am **Case Presentations Panel**

Karim Masrouha MD, Dan Lerman MD, Ran Schwarzkopf MD, Morteza Meftah MD, David Lewallen, MD

Tumor Session

Moderator: Timothy Rapp, MD

8:59 am **30-Day Readmission Predicts Increased Long-Term Mortality Following Surgical Resection of Sacral/Coccygeal Chordoma: Insights from the National Cancer Database**
Karim Masrouha, MD

9:05 am **Minimally invasive management of pathologic fractures of the pelvis and sacrum**
Daniel Lerman, MD

9:11 am **Question and Answer**

Pediatrics Session

Moderator: Jody Litrenta, MD

9:17 am **SPARCS Database Analysis of Hip Reconstruction Incidence in Pediatric Cerebral Palsy Post-2014 AACPDM Guidelines**
Mara Karamitopoulos, MD

9:23 am **Evaluation of Musculoskeletal Pain in Caregivers of Children with and without physical**
Mara Karamitopoulos, MD

9:29 am **Question and Answer**

9:35 am **20 Minute Break**

Shoulder and Elbow Session

Moderator: Dennis DeBernardis, DO

9:55 am **Does CT-based local soft tissue composition more accurately predict outcomes following anatomic total shoulder arthroplasty compared with body mass index (BMI)?: a pilot study**
Konrad Gruson, MD

10:01 am **Reverse Shoulder Arthroplasty Patients Report Greater Difficulty with Some Activities of Daily Living compared to Anatomic Total Shoulder Arthroplasty Patients at Mid-Term Follow-up**
Jie Yao, MD

10:07 am **Cortical Thickness on Routine Shoulder MRI Identifies Patients with Low Bone Density**
C. Lucas Myserson, MD

Program (continued)

10:13 am **Question and Answer**

10:19 am **Case Presentations Panel**

Moderator: Jie Yao, MD

Panelists: Joseph Zuckerman MD, Young Kwon MD, Konrad Gruson MD, Mandeep Virk MD, C. Lucas Myerson MD

Trauma Session

Moderator: Steven Rivero, MD

10:41 am **The Road Home: A Multi-Disciplinary Care Team Decreases Skilled Nursing Facility Utilization While Maintaining Quality Metrics After Geriatric Hip Fracture Surgery**
Alex Crespo, MD

10:47 am **CT evaluation of the Zone of Injury in Open OTA Tibial Shaft Fractures**
Sanjit Konda, MD

10:53 am **The Slow Bleed: Pre-Injury Anemia is Associated with Increased Risk of Morbidity and Mortality in Geriatric Hip Fracture Patients**
Abhishek Ganta, MD

10:59 am **Question and Answer**

11:05 am **Case Presentations Panel**

Alex Crespo MD, Abhishek Ganta MD, Sanjit Konda MD, Nicole Stevens MD, Nina Fisher, MD

Foot and Ankle Session

Moderator: John Kennedy, MD

11:25 am **Younger Patients Undergoing Transfibular Total Ankle Arthroplasty Experienced Similar Outcomes as Older Patients at Midterm Follow Up**
Kevin Schafer, MD

11:31 am **"Does Severe Tibiotalar Malalignment Predispose to Worse Midterm Outcomes following TAA?"**
Lew Schon, MD

11:37 am **Question and Answer**

11:48 am **Film Presentation**

Celebrating William Jaffe, MD
Lifetime Achievement Award Recipient
Introduction

Joseph Zuckerman, MD
Michael Alaia, MD

12:00 pm **Lunch**

Sports Session

Moderator: Alexander Golant, MD

1:00 pm **A critical analysis of documented indications for temporizing knee-spanning external fixation after knee dislocation: A multi-center retrospective case series**
Michael Medvecky, MD

1:06 pm **Age-Dependent Variation in Cytokine Type and Concentration in Knee Synovial Fluid Following Meniscal Injury**
Eric Strauss, MD

1:12 pm **Long-Term Outcomes and Survivorship of Patients Undergoing Primary Hip Arthroscopy Without Capsular Repair: A 10-Year Follow-Up Study**
Thomas Youm, MD

1:18 pm **Question and Answer**

1:26 pm **Case Presentations Panel**

Ajay Kanakamedala MD, Reza Jazayeri MD, Micheal Medvecky MD, Arianna Lott MD, Michael Doran MD

Spine Session

Moderator: Kola Jegede, MD

1:46 pm **How Does Pelvic Fixation Impact Outcomes in Neuromuscular Scoliosis Patients?**
Juan Carlos Rodriguez-Olaverri, MD

1:52 pm **How Do Plastic Surgeons Impact Surgical Site Infections in Diabetic Patients Undergoing Spinal Fusion?**
Tina Raman, MD

1:58 pm **Impact of Preoperative HbA1c Levels on Clinical Outcomes in Diabetic Patients Undergoing Posterior Lumbar Fusions**
Tina Raman, MD

2:04 pm **Question and Answer**

2:10 pm **Case Presentations Panel**

Afshin Razi MD, Rachel Bratescu MD, Yong Kim MD, Shyam Patel MD

Program (continued)

Hand Surgery

Moderator: Stuart Elkowitz, MD

- 2:26 pm **Reduction and Association of the Scaphoid and Lunate (RASL) versus Internal Brace for Scapholunate Ligament Injuries**
Adam Margalit, MD
- 2:32 pm **Investigating the Utility of Prostheses for Individuals with Partial Hand Amputations**
Jacques Hacquebord, MD
- 2:38 pm **Question and Answer**
- 2:44 pm **Case Presentations Panel**
Adam Margalit MD, Jared Bookman MD, Amy Birnbaum MD, Emily Pflug MD
- 3:04 pm **20 Minute Break**
- 3:34 pm **Award: Best Paper**
- 3:39 pm **The 2025 Sir Robert Jones Lecture: Orthopedic Innovation: Cures, Casualties and Current Challenges**
David Lewallen, MD
- 4:44 pm **Alumni and Faculty: Depart Alumni Reunion Dinner**
230 Fifth Avenue Rooftop Private Space
1150 Broadway (On Broadway between 26th and 27th streets)
Manhattan, NY 10001

Sir Robert Jones: Orthopedics as a Specialty



Sir Robert Jones (1857-1933) made a profound and lasting impression on British and American orthopedic surgery, first from his organization of the treatment of the injured during the construction of the massive Manchester Ship Canal, and then through his work as Inspector of Military Orthopedics in Great Britain during World War 1 (1914-1919). Born in Rhyl, Wales, Robert Jones attended the Liverpool School of Medicine and was appointed General Surgeon to the Stanley Hospital in Liverpool in 1881. After graduating as Licentiate of the Royal College of Surgeons of Edinburgh, he joined

the busy, unique Liverpool practice of his uncle, Hugh Owen Thomas (1834-1891). Robert Jones became, over time, the most important personage of his day in surgery; his work and his teaching of the principles of Hugh Owen Thomas shaped the conservative attitudes of surgeons toward orthopedic care for many decades after his death. Orthopedics in Great Britain was founded by Hugh Owen Thomas, and the acceptance and dissemination of Thomas' clinical work by Sir Robert Jones was crucial to the establishment of orthopedics as a specialty in Britain, and through teachings of his methods by John D. Ridlon in the United States. Sir Robert Jones, knighted in 1917 by Edward VIII, and Hugh Owen Thomas are widely regarded as the fathers of modern orthopedics.

The annual Sir Robert Jones Lecture was first delivered in 1930, at the then Hospital for Joint Diseases, 124th Street and Madison Avenue. The Lecture continues its tradition of excellence in orthopedics at the NYU Langone Orthopedic Hospital through the work of distinguished contemporary scholars and also honors the achievements of Sir Robert Jones.

Sir Robert Jones Lecture

Recent Guest Lecturers*

2025	David Lewallen
2024	Joseph Zuckerman
2023	Felix H. "Buddy" Savoie III
2022	Thomas Errico
2021	Valerae O. Lewis
2020	Marc J. Philippon
2019	Paul Tornetta III
2018	Anthony A. Romeo
2017	Kristy L. Weber
2016	Thomas P. Sculco
2015	Freddie H. Fu
2014	Steven D. Glassman
2013	John J. Callaghan
2012	Todd J. Albert
2011	Roy Sanders
2010	Bernard R. Bach, Jr.
2009	Joel M. Matta
2008	Derek J.W. McMinn
2007	Douglas W. Jackson
2006	Joseph P. Iannotti
2005	Vernon T. Tolo
2004	Thomas S. Thornhill
2003	Bernard F. Morrey
2002	Barry P. Simmons
2001	Henry J. Mankin
2000	John A. Bergfeld
1999	Stuart Weinstein
1998	David S. Bradford

* lecture founded in 1930

Sir Robert Jones Guest Lecturer

David Lewallen, MD



Dr. David Lewallen is currently a Professor of Orthopedic Surgery at the Mayo Clinic in Rochester, MN. After completing his Orthopedic Surgery Residency at the Mayo Clinic, and a fellowship in Orthopedic Biomechanics at Beth Israel Hospital in Boston, MA he returned to the Mayo Clinic as an Orthopedic Surgery Consultant in 1984. For 40 years he has enjoyed a busy clinical practice focused on orthopedic trauma and complex adult reconstruction problems involving the hip and knee. He has participated in the development of several novel implant designs for hip and knee arthroplasty, especially centered around revision surgery and the management of periarticular bone loss of both the hip and the knee. Dr. Lewallen has been continuously engaged in the education of orthopedic surgery residents and adult reconstructive fellows over his career and has previously served as fellowship director and chair of the division of Adult Reconstructive Surgery. His clinical research interests have spanned a broad range of primary and revision arthroplasty issues involving both the hip and the knee and have particularly focused on the prevention and treatment of arthroplasty complications. He helped lead the initial development of the American Joint Replacement Registry, served as the first Chair of the original AJRR board, and subsequently served as the medical director of the AJRR. He serves as co-director of the NIH funded American Joint Replacement Research Collaborative (AJRR-C) helping to foster the development and support of a strong national network of both infrastructure and young investigators focused on large database research and registry science all aimed at improving arthroplasty patient outcomes.

Lifetime Achievement Award

William Jaffe, MD



Dr. William Jaffe is the Alumni Association's first Lifetime Achievement Award honoree. Recognized for his significant teaching and research experience, Dr. William Jaffe is known nationally and internationally in the field of adult reconstructive surgery specializing in total hip and knee replacement. After serving in the U.S. Army as a Battalion Surgeon, Dr. Jaffe completed his orthopedic surgery residency at the NYU Langone Orthopedic Hospital (formerly The Hospital for Joint Diseases.) He was selected the Executive Chief resident in 1969, his graduating year. Dr. Jaffe distinguished himself and was soon awarded the coveted Frauenthal Traveling Fellowship in 1970. He traveled to Lancashire, England to train under Sir John Charnley, known as the Father of Total Hip Arthroplasty. He then completed an additional fellowship in biomaterials and bioengineering at MIT and Harvard Universities. Upon his return, Dr. Jaffe joined the full-time faculty and he is currently Professor of Orthopedic Surgery and Vice Chair of the Department of Orthopedic Surgery. His loyalty to NYU Langone Orthopedics knows no limit and through his and his wife's generosity they have endowed a professorship in Adult Reconstructive Surgery. Several Departmental awards bear his name including our highest faculty honor: the annual William Jaffe, MD, Faculty Teaching Award in recognition of his decades of dedicated teaching and training of the next generation of orthopedic surgeons.

CME ACCREDITATION STATEMENT

The NYU Grossman School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The NYU Grossman School of Medicine designates this live activity for a maximum of 9.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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NYU Grossman School of Medicine

REGISTRATION INFORMATION

Please register at the following link: linktr.ee/nyulangoneorthopedics

ACKNOWLEDGMENTS

We would like to thank our independent reviewers:

Meelan N. Patel, MD

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