65th Annual
LeRoy C. Abbott Society
Scientific Program

52nd Annual
Verne T. Inman Lectureship

CHAIRS
THOMAS PARKER VAIL, MD
Professor and Chair
Department of Orthopaedic Surgery
University of California, San Francisco

MARVIN LO, MD
President
LeRoy C. Abbott Society

PROGRAM CHAIRS
ERIK HANSEN, MD
Board of Directors
LeRoy C. Abbott Society

ROBERT DETCH, MD
Board of Directors
LeRoy C. Abbott Society

Thursday - Friday
May 13-14, 2021
LIVE STREAM CONFERENCE

VISITING PROFESSORS
65th Annual LeRoy C. Abbott Visiting Professor
KRISTY L. WEBER, MD, FAAOS
Professor and Vice-Chair of Faculty Affairs
University of Pennsylvania Department of Orthopaedic Surgery
Director of the Penn Sarcoma Program – Abramson Cancer Center
Philadelphia, PA

52nd Annual Verne T. Inman Lecturer
ROBERT S. NAMBA, MD
Attending Surgeon, Department of Orthopaedic Surgery
Kaiser Permanente, Irvine, CA
The program brings together members of the Abbott Society and faculty and residents of the UCSF Department of Orthopaedics in a collaborative presentation of recent advances and updates in orthopaedic surgery. Our schedule of presentations will address current clinical and research topics that affect clinician decision-making in day-to-day practice.

COURSE HIGHLIGHTS

- Exciting educational program featuring concise 8-minute “hot topic” presentations
- Interactive panel discussions featuring our visiting professors
- Live stream Zoom meeting platform will allow for gathering together safely
- Content will be recorded so that you can replay any sessions you miss

EDUCATIONAL OBJECTIVES

The purpose of this course is to increase competence and improve clinical practice in the care of orthopaedic patients. We specifically anticipate improvements in skills and strategies to:

- Consider new treatment strategies for orthopaedic oncologic disease;
- Further understand the effect socioeconomic and racial differences impact disparities in access to care and patient outcomes;
- Improve clinical outcomes by optimizing preoperative risk factors;
- Educate patients on the current indications for novel biologic injection treatments for degenerative joint disease.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of 10.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Pain Management and End-of-Life Care: The approved credits shown above include a maximum of 0.75 credits toward meeting the requirement under California Assembly Bill 487, Pain Management and End-of-Life Care.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME. Prescribed credit from AAFP and AMA PRA Category 1 Credit(s)™ from organizations accredited by the ACCME.
6:50 am  Webinar Opens

7:00  Welcome to Residents, Alumni, and Drs. Weber and Namba
Thomas P. Vail, MD

7:05  James, O Johnston Resident Case Presentation Symposium
Residents

PAPER SESSION 1 • MODERATOR: Stephanie Wong, MD

8:05  MRI-Based Shoulder Osteoarthritis Severity Score (SOAS) is Predictive of Functional Improvement Following Total Shoulder Arthroplasty
Michael Davies, MD

8:13  The Effects of Non-Steroidal Anti-Inflammatory Medications After Rotator Cuff Surgery: A Randomized Double-Blinded Placebo-Controlled Trial
Andrew Figoni, MD

8:21  Minimal Clinically Important Difference for the American Shoulder and Elbow Surgeons Score after Revision Shoulder Arthroplasty
Monica Coughlan, MD

8:29  Comparing Patient-Reported Outcome Measurements for Femoroacetabular Impingement Syndrome: Are They All the Same?
Hayley Jansson, MD

8:37  Discussion

8:43 P  Clinical Update: Biologic Injections for Musculoskeletal Conditions
Brian Feeley, MD

9:00  Break

PAPER SESSION 2 • MODERATOR: Lionel Metz, MD

9:15  Overcorrection of the Upper Instrumented Vertebra Relative to the Center of the Femoral Heads is Associated with Proximal Junctional Kyphosis
Hao-Hua Wu, MD

9:23  Comparative Neurologic Risk by Surgical Approach for Thoracic Disc Herniation: Analysis of State Databases
Alekos Theologis, MD

9:31  A Novel Mouse Model of Lumbar Disc Injury-Mediated Paraspinal Muscle Degeneration
Michael Davies, MD

Sarah G. Stroud, MD

9:47  Discussion

PAPER SESSION 3 • MODERATOR: Derek Ward, MD

9:52  The Utility of Virtual Reality as a Learning Tool for Trainees in Unicompartmental Knee Arthroplasty: A Randomized Controlled Trial
Musa Zaid, MD

10:00  Depth Camera Biomechanical Model for Kinematic Analysis in an Arthroplasty Clinic
Erik McDonald, MD, MAS

10:08  Intraarticular Hip Corticosteroid Injections Offer No Meaningful Benefit in Prolonging Time to Total Hip Arthroplasty for Osteoarthritis
Musa Zaid, MD

10:16  Impact of Fatty Degeneration on Functional Outcomes: Surgical Repair of Gluteal Tendon Repairs
Stefano Bini, MD

10:24  Discussion

10:30 P  52nd ANNUAL VERNE T. INMAN LECTURE I
Robert S. Namba, MD

Opioids and Total Joint Replacement
Introduction: Marvin Lo, MD

11:00  Break

PAPER SESSION 4 • MODERATOR: Nicole Schroeder, MD

11:15  Inter-Observer and Intra-Observer Reliability of Classification Systems for Radiographic Complications after Radial Head Arthroplasty
Gopal Lalchandani, MD

11:23  Outcomes of Revision Radial Head Arthroplasty After Prior Radial Head Replacement
Matthew Cherches, MD

11:31  Incidence of Corrective Procedures After Nonoperatively Managed Distal Radius Fractures in the Elderly
Nicholas P. Satariano, MD

11:39  A Novel Mouse Model of Hindlimb Joint Contracture Using 3D-Printed Casts
Laura Moore, MD, PhD

11:47  Discussion

PAPER SESSION 5 • MODERATOR: Melissa Zimel, MD

11:52  Racial and Gender Shoulder Arthroplasty Utilization Disparities of High and Low Volume Centers in New York State
Alexander R. Markes, MD

12:00 pm  Financial and Medical Burdens of Youth Sports Specialization- A Survey of Pediatric Sports Patients
Sachin Allahabadi, MD

12:08  How Far Away is Your Hospital? Racial and Socioeconomic Differences in Distance Traveled to Receive Elective Hip Arthroplasty
Derek Ward, MD

12:16  Socioeconomic Disparities Exist in Access to Rotator Cuff Repair Surgery
Heather Roberts, MD

12:24  Discussion

12:30  65th ANNUAL LEROY C. ABBOTT LECTURE I
Kristy L. Weber, MD, FAAOS

Culture Change in Orthopaedics: The Time is Now!
Introduction: Thomas Vail, MD

1:00 pm  Adjourn
FRIDAY, MAY 14, 2021
65TH Annual LeRoy C. Abbott Visiting Scientific Program

6:50 am Webinar Opens
7:00 Welcome to Residents, Alumni, and Drs. Namba and Weber
   Marvin Lo, MD Residents
7:05 James. O Johnston Resident Case Presentation Symposium II

PAPER SESSION 1 • MODERATOR: Jennifer Tangtiphaiboontana, MD
8:00 Will Medicare's Bundled Payments Program Threaten Patient Access?
   Heather Roberts, MD
8:08 Fractal: Acoustic Fracture Detection and Monitoring
   Justin Krogue, MD
8:16 Delays in Debridement of Open Long-Bone Fractures Increases Risk of Infection in Low- and Middle-Income Countries
   Abigail C. Cortez, MD
8:24 Long-Term Outcomes of Intramedullary Nailing Versus External Fixation in the Treatment of Open Tibia Fractures in Tanzania: Follow-Up Study of a Randomized Clinical Trial
8:32 Discussion
8:37 Update on IGOT: UCSF Orthopaedic Surgeons Abroad
   Heather Roberts, MD
8:47 Break

PAPER SESSION 2 • MODERATOR: Jason Jagodzinski, MD
9:02 Diagnosis and Management of Osteomyelitis in Children: A Critical Analysis Review
   Alex Gorin, MD
9:10 The Need for Orthopaedic Care for Adults with Cerebral Palsy
   Ravi Brar, MD
9:18 Venous Thromboembolism After Pelvic Osteotomy in Adolescent Patients: Analysis of Rates and Current Practices
   Sachin Allahabadi, MD
9:26 Factors Influencing Pediatric Patient Satisfaction Scores
   Jennifer O'Donnell, MD
9:34 Discussion
9:40 State of the Department Address
   Thomas Vail, MD

PAPER SESSION 3 • MODERATOR: Alfred Kuo, MD
10:00 Infection and Mechanical Complications Are Risk Factors for New Diagnosis of Mental Health Disorder Following Total Joint Arthroplasty
   Andrew Figoni, MD
10:08 Risk of Endoprosthetic Infection and Impact on Health-Related Quality of Life: A Retrospective Case-Control Study
   Rosanna Wustrack, MD
10:16 Use of Antibiotic Laden Bone Cement in Primary Total Knee Arthroplasty is Associated with Lower Risk of Revision Arthroplasty Among US Veterans
   Ilya Bendich, MD
10:24 Articulating Spacers Reduces Operative Times and Extensive Exposures
   Tim Tan, MD
10:32 Discussion
10:37 52nd ANNUAL VERNE T. INMAN LECTURE II
   Observations from Two Decades of the Kaiser Permanente Total Joint Registry
   Introduction: Thomas Vail, MD Robert S. Namba, MD
11:07 Break
11:17 65TH ANNUAL LEROY C. ABBOTT LECTURE II
   Kids, Dogs, Lesions, and Lumps: Current Challenges and Future Directions in Sarcoma
   Introduction: Marvin Lo, MD Kristy L. Weber, MD, FAAOS

PAPER SESSION 4 • MODERATOR: Raffi Avedian, MD
11:47 Identifying the Host Immune Response in Adult Undifferentiated Pleomorphic Sarcoma
   Rosanna Wustrack, MD
11:55 Early Prospective Results of Percutaneous Bone-Anchored Implants in Civilian Above Knee Amputation Patients
   Richard O'Donnell, MD
12:03 pm Incidence of Civilian Transfemoral and Transhumeral Amputees Who May Benefit from an Osseointegrated Percutaneous Prosthetic System
   Melissa Zimel, MD
12:11 Survival and Failure Modes of Pediatric Distal Femoral Expandable Endoprosteses: A Multi-Institutional Study
   Lee Jae Morse, MD
12:19 Discussion
12:24 Symposium: Oncologic Arthroplasty Cases
   Moderator: Rosanna Wustrack, MD
Panel: Robert Namba, MD • Kristy Weber, MD • Richard O'Donnell, MD • Melissa Zimel, MD • Thomas Vail, MD • Jeff Barry, MD • Derek Ward, MD
1:00 pm Adjourn, Evaluations

LIVE STREAM CONFERENC
Registration for this virtual conference will be available until 12:00pm PST on Friday May 14th. Registrants will be given instructions to access the live stream conference and the electronic course materials 1 week prior to the conference. Recordings of the talks will be available registrants to view on demand for 30 days post-course. All course times are based on Pacific Standard Time Zone.

REGISTER VIA:

Online: cme.ucsf.edu

Mail: Registration form and send with payment to: UCSF Office of CME, Box 0742 490 Illinois Street, Floor 8 San Francisco, CA 94143

Phone: (415) 476-5008 UCSF CME Registration Office for registration or inquiries.

REFUND POLICY

Cancellations received in writing before May 2nd will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

REGISTRATION FEES

$200 Physician Abbott Society Members

$300 Physician Non-Abbott Society Members

$150 Other Health Professionals

REFUND POLICY

Cancellations received in writing before May 2nd will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

REGISTER TODAY!

For more information or to register online, visit our website at cme.ucsf.edu

You may also reach us by calling the Office of Continuing Medical Education at (415) 476-4251 or email info@ocme.ucsf.edu

Printed on Recycled Paper
Mail to: UCSF Office of CME
Box 0742
490 Illinois St, Floor 8
San Francisco, CA 94143

Online Registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs. ☐ Mx.

LAST NAME ______________________ FIRST ______________________ M.I. ______________________

DEGREE ______________________ SPECIALTY ______________________

ADDRESS ______________________

CITY ______________________ STATE ______________________ ZIP ______________________

DAYTIME PHONE ______________________ FAX ______________________

EMAIL ______________________

Address Label Code Letter (see address label: example, A, B, C, D, etc.) ______________________

Would you like to be on our priority email list? ☐ Yes ☐ No

Please indicate if you have any special needs: ______________________

REGISTRATION FEES

☐ $200 Physician Abbott Society Members
☐ $300 Physician Non-Abbott Society Members
☐ $150 Other Health Professionals

Make checks payable to UC Regents.

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ American Express for   $ ____________

CARD # ______________________ | ____________/________

NAME ON CARD (PLEASE PRINT) ______________________ | AUTHORIZED SIGNATURE ______________________

Refund Policy: Cancellations received in writing before May 2nd will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

Registration Deadline: Registration will close at 12:00 pm PST on Friday, May 14th, 2021.