

Presented by the
Department of Orthopaedic Surgery
University of California, San Francisco
and the LeRoy C. Abbott Society



58TH ANNUAL

LeRoy C. Abbott Society Scientific Program

34TH ANNUAL

Verne T. Inman Lectureship

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34th Annual Verne T. Inman Lecturer

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Mission Bay Conference Center

*Located in the William J. Rutter Center
on UCSF's Mission Bay Campus*

**1675 Owens Street
San Francisco, California**

Register for this course and
receive a 50% discount off
registration to the 2013 UCSF
Orthopaedic Trauma course!

FRIDAY - SATURDAY
MAY 10-11, 2013

58TH ANNUAL

LeRoy C. Abbott Society Scientific Program

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Verne T. Inman Lectureship

MISSION BAY CONFERENCE CENTER *Located in the William J. Rutter Center*
1675 OWENS ST. • SAN FRANCISCO, CALIFORNIA

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 on Adult Reconstructive and Hand and Upper Extremity Orthopaedic Surgery featuring our visiting professors
- Educational poster sessions
- **Friday May 10th** Happy Hour Social following the day’s presentations for networking and poster viewing
- **Saturday May 11th** Bones Ball Dinner and Reception at a signature San Francisco landmark - The City Club of San Francisco

EDUCATIONAL OBJECTIVES

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

- To enhance provider competence and patient outcomes through didactic reviews, scientific presentations, and group discussion;
- To translate new knowledge into clinical practice for improved patient management and treatment;
- To manage upper extremity trauma, evaluate the painful total knee, and treat periprosthetic femur fractures.

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 **13.50 AMA PRA Category 1 Credits™**.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been planned and implemented in accordance with the essential areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of California, San Francisco School of Medicine (UCSF) and LeRoy C. Abbott Society.

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.

The American Medical Association has determined that physicians not licensed in the US who participate in this CME activity are eligible for **AMA PRA Category 1 Credit™**.



FRIDAY - SATURDAY
MAY 10-11, 2013

FRIDAY, MAY 10, 2013

34th Annual Verne T. Inman Lectureship Program

7:00 am	<i>Registration and Continental Breakfast</i>	
8:00	Welcome to Residents, Alumni, and Drs. Jupiter and Mauerhan	Thomas P. Vail, MD
8:05	Case Presentation Symposium: Complex Upper Extremity Cases	Residents
9:45	Physical Examination of the Hand/Upper Extremity	Jesse B. Jupiter, MD
10:00	<i>Break</i>	
PAPER SESSION 1 • MODERATOR: MICHAEL MACAVOY, MD		
10:15	Outcomes after Surgical Stabilization of Chronic, Post-traumatic Elbow Dislocation	S. Piper, MD
10:23	Benefits of a Knotless Cable Crimp Flexor Tendon Repair – Comparison to a 4-Strand Cruciate High Strength Suture Repair: Biomechanical Study and Early Clinical Experience	E. McDonald, BS
10:31	Anatomy of the Flexor Tendons and Pulleys in the Palm and Fingers in Relation to Surface Markers and Minimally Invasive Incisions	L. Gordon, MD
10:39	Interference Screw Fixation of Tendon Graft for Scapholunate Dissociation: Biomechanical Analysis of a New Surgical Technique	J. Matsui, MD
10:47	Defective Perilacunar Remodeling by Osteocytes in Osteonecrosis of the Femoral Head	F. Hall, PhD
10:55	Discussion	
11:03	A Simple Lateral View Can Be Used to Accurately Judge Screw Length With a Dual Plating System for Ankle Arthrodesis	R. Dedini, MD
11:11	Novel Ankle Fusion Technique through Medial Malleolar Nonunion	A. Haskell, MD
11:19	Molecular Insight into Skeletal Dysplasias: Smad4 is a Critical Regular of Polarity in Growth Plate Chondrocytes	A. Whitaker, MD
11:27	Smad3 Binds Scleraxis and Mohawk and Regulates Tendon Development	E. Berthet (w/ M. Amirtharajah, MD)
11:35	TGF-β Dependent Repression of MMP13 in Chondrocytes Via a Smad3 and Runx2 Dependent Pathway	D. Thuillier, MD
11:43	<i>Discussion</i>	
11:50	58th ANNUAL LEROY C. ABBOTT LECTURE I Scott's Parabola and the Rise of the Medical-Industrial Complex	<i>Introduction: Thomas Vail, MD Jesse B. Jupiter, MD</i>
12:35 pm	<i>Luncheon</i>	
1:35	34th ANNUAL VERNE T. INMAN LECTURE I Partial Knee Arthroplasty for Medial Osteoarthritis of the Knee: It's Time Has Come, Again	<i>Introduction: John Costouros, MD David Mauerhan, MD</i>
PAPER SESSION 2 • MODERATOR: CHRIS LEHMAN, MD		
2:20	Tissue Engineering Bone by Recapitulating Developmental and Repair Programs Offers Improved Biological Outcomes	C. Bahney, PhD
2:28	Results of Carpal Tunnel Release in the Office: 312 Cases and 288 Operating Room Controls	M. MacAvoy, MD
2:36	Inhibition of Chondrocyte Death Following Exposure To Commonly Used Anesthetics	J. Costouros, MD
2:44	Arthroscopic Rotator Cuff Repair Leads to Less Postoperative Fatty Infiltration than Open Repair	J. Costouros, MD
2:52	Quantitative Evaluation of Fatty Infiltration of the Rotator Cuff Muscles with IDEAL Magnetic Resonance Imaging	D. Lansdown, MD
3:00	Discussion	
3:10	The Mini-two Incision ACL Reconstruction Incompletely Restores Cartilage Contact Areas as Evaluated with Post-operative Magnetic Resonance Imaging	D. Lansdown, MD
3:18	Differences in Mechanisms of Failure, Intraoperative Findings, and Outcome between Single Revision and Multiple Revision ACL reconstructions (A MARS Cohort Study)	B. Feeley, MD
3:24	Dynamic Evaluation of Pivot Shift Kinematics in Physal-sparing Pediatric Anterior Cruciate Ligament Reconstruction Techniques	B. Feeley, MD
3:32	Effects of Partial Meniscectomy on Tibiofemoral Kinematics and Cartilage Biochemistry: An MRI Study	L. Morse, MD
3:40	Discussion	
3:50	<i>Break</i>	
4:05	Update on IGOT: UCSF Orthopaedic Surgeons Abroad	Richard Coughlin, MD
4:20	Symposium: Upper Extremity Trauma Moderator: Edward Diao, MD Panelists: Jesse B. Jupiter, MD; Lisa Lattanza, MD; Nicole Strauss, MD; Michael MacAvoy, MD	(w/ A. Caldwell)
5:00 pm	<i>Adjourn</i>	
5:00-6:00 pm	Reception and Poster Presentations Robertson Auditorium	

SATURDAY, MAY 11, 2013

58th Annual LeRoy C. Abbott Visiting Scientific Program

7:30 am	<i>Registration and Continental Breakfast</i>	
8:30	Welcome to Residents, Alumni, and Drs. Jupiter and Mauerhan	John Costouros, MD
PAPER SESSION 1 • MODERATOR: AMIR MATITYAHU, MD		
8:35	Clinical and Economic Impact of a Cost Containment Program Utilizing High Quality Generic 7.3mm Screws for Fixation of Femoral Neck Fractures and Pelvic Ring Injuries	T. Bray, MD
8:43	Clinical and Economic Impact of Generic Implants within a Community Trauma System	T. Bray, MD
8:51	Anatomic Determinants of Sacral Dysmorphism and Implications for Safe Iliosacral Screw Insertion	S. Kaiser, MD
8:59	A Prospective Cohort Study of Cost Effectiveness of the Adoption of Titanium Elastic Intramedullary Nails for the Treatment of Femur Fractures in Kumasi, Ghana	S. Kaiser, MD
9:07	A Biomechanical comparison of an External Fixator to Internal Fixators in an Unstable Pelvic Fracture Model	M. Pekmezci, MD
9:15	The Cost-Effectiveness of Surgical Management for Complex Proximal Humerus Fractures	D. Shearer, MD
9:23	Discussion	
9:30	Determination of Baseline Rates of Radiation Exposure from C-arm Fluoroscopy During Selected Orthopaedic Trauma Operations	M. Baumgartner, MD
9:38	The Objective Assessment of Orthopaedic Trauma Skill Domains: A Validation Study using a Cadaveric Bimalleolar Ankle Fracture Model	J. Shantz, MD
9:46	The Current Cervical Spine Clearance Guidelines of Level 1 Trauma Centers in the United States	A. Theologis, MD
9:54	Vertebral Body Stapling in Children with Idiopathic Scoliosis <10 Years of Age with Curve Magnitude 39-39 Degrees	A. Theologis, MD
10:02	Clubfoot: Non-Orthopaedic Surgeon Healthcare Providers are a Valuable Tool in Treatment	K. Freeman, MD
10:10	Algorithm for the Assessment, Diagnosis, and Management of Pediatric Spinal Deformity	M. Esperanza, MS4 (w/ Mohammad Diab, MD)
10:18	Discussion	
10:25	<i>Break</i>	
10:40	Building Clinical Research Capacity in Low and Middle Income Countries: A Research Symposium for Orthopaedic Surgeons	I. Elliott
10:48	Clinical Research Question Builder to Address Barriers in Orthopaedic Research for Low and Middle Income Countries (LMICs)	A. Whitaker, MD
10:56	Assessing Septic Arthritis Outcomes and Prognostic Factors in Culture Positive and Culture Negative Patients	S. Lipa, MSIV (w/ Saam Morshed, MD, PhD)
11:04	The Extreme Lateral Approach: A Minimally Invasive Alternative for Thoracolumbar Fractures	E. Tabaraee, MD
11:12	A Comparison of Implants Used in Open-Door Laminoplasty: Structural Rib Allografts versus Metallic Mini-Plates	E. Tabaraee, MD
11:20	Discussion	
11:30	<i>Break</i>	
11:43	34th ANNUAL VERNE T. INMAN LECTURE II The Painful Total Knee Arthroplasty: Are We Creating an Epidemic for the Future?	<i>Introduction:</i> Thomas Vail, MD David Mauerhan, MD
12:30 pm	<i>Luncheon</i>	
1:30	State of the Department Address	Thomas Vail, MD
1:45	58th ANNUAL LEROY C. ABBOTT LECTURE II 21st Century Approach to Deformity Planning and Surgery For Distal Radius Malunions	<i>Introduction:</i> John Costouros, MD Jessie B. Jupiter, MD
PAPER SESSION 2 • MODERATOR: HUBERT KIM, MD, PHD		
2:30	Morphologic Variation in Lumbar Spinal Canal Dimensions by Gender, Race and Age	J. Shaw, MD
2:38	Pulmonary Function and Complications in Patients with Cervical Myelopathy and Myelomalacia	J. Shaw, MD
2:46	Venous Thromboembolism after Spine Surgery	W. Schairer, MD
2:54	One Stage Cementless Exchange Arthroplasty for Acute Periprosthetic Hip Infection	E. Hansen, MD
3:02	Post-operative Use of the Wound Vac for Persistently Draining Wounds Following Hip Arthroplasty	E. Hansen, MD
3:10	Volunteer Orthopedic Surgical Trips in Nicaragua: A Cost-effectiveness Evaluation	A. Pedtke, MD
3:18	Demonstration of an Effective Post-Operative Pain Program for Distal Radius Fractures	D. Nelson, MD
3:26	Discussion	
3:30	<i>Break</i>	
3:45	Symposium: Management of Periprosthetic Femur Fractures Moderator: Michael Ries, MD Panelists: David Mauerhan, MD; Eric Meinberg, MD; Kevin Bozic, MD; Christopher Grimsrud, MD; David Lowenberg, MD	
4:30 pm	<i>Adjourn, Evaluations, Attendance Verification</i>	
6:30 pm	Bones Ball (Optional Event with Additional Fee) The City Club of San Francisco	

REGISTER TODAY!

For more information or to register online, visit our website at www.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. <http://orthosurg.ucsf.edu/>

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94143-0742



General Information

Pre-registration is preferred to ensure that registrants receive a syllabus at the course. Payment can be made by Visa, MasterCard, American Express or check.

Register via:

- Online: www.cme.ucsf.edu
Mail: Registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: Registration form with credit card number to (415) 502-1795
Phone: (415) 476-5808 UCSF CME Registration Office for registration or inquiries.

Refund Policy

Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

On-Site Registration

- Time: 7:00 am – 8:00 am
Date: May 10-11, 2013
Place: **Mission Bay Conference Center**
Located in the William J. Rutter Center
1675 Owens Street
San Francisco, California

Conference Location

Mission Bay Conference

(William J. Rutter Center)

1675 Owens St.

San Francisco, CA

www.ahl-missionbay.com

San Francisco's expanding Mission Bay area is a dynamic new destination for day meetings. This spectacular new center on UCSF's teaching and research campus offers a world-class conference setting with advanced technology. Experience an inspired learning center in the city's most exciting new area.

Bones Ball, 6:30 pm, May 11th

This year's Bones Ball, a resident graduation event, will be held at The City Club of San Francisco. The City Club of San Francisco is a grand historic landmark, featuring exquisite art and architecture reflecting the colorful history of "The Golden State", and conveniently located in the heart of the city's financial, entertainment and premium shopping districts. Please register 72 hours in advance for this unforgettable event.

Hotel Accommodations

For your convenience, UCSF has a reduced rate at the Omni San Francisco Hotel, conveniently located just a block away from the Bones Ball. These are not guaranteed rooms and are subject to availability. Please be sure to mention the UCSF Inman Abbott Conference to obtain the reduced rate.

Omni San Francisco Hotel

500 California Street
San Francisco, CA 94104
1-800-THE-OMNI or (415) 677-9494
Rates starting at **\$189**
www.omnihotels.com/SanFrancisco

Rental Car

Hertz is offering special rates for participants of this conference; call 800-654-2240 and refer to identification number #03BW0132, or call your travel agent. You may also make reservations at www.Hertz.com.

Air Transportation

UCSF OCME has negotiated special fares with American and United Airlines for our course attendees. To book on your own use tour codes: American 800-433-1790 code: A7753BW
United - www.united.com - Offer Code: ZN9G605619

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

Date of birth to be used as OCME registrant number: ____ / ____ / **XX**
 Month Day

Please indicate if you have any special needs: _____

REGISTRATION (pre-registration required by May 8, 2013)
Includes CME Certificate, Breakfast, Lunch and Breaks

May 10, 2013 • FRIDAY ONLY:

- \$175 Physician Abbott Society Members
- \$275 Physician Non-Abbott Society Members
- \$300 Industry
- \$125 Allied Health Professionals

May 11, 2013 • SATURDAY ONLY:

- \$175 Physician Abbott Society Members
- \$275 Physician Non-Abbott Society Members
- \$300 Industry
- \$125 Allied Health Professionals

Both Days May 10-11, 2013 • FRIDAY AND SATURDAY:

- \$225 Physician Abbott Society Members
- \$325 Physician Non-Abbott Society Members
- \$350 Industry
- \$175 Allied Health Professionals

Sponsor a Resident

\$150 each – I want to sponsor # _____ resident(s). All Sponsors will receive acknowledgment in the final program. Sponsorship is tax deductible.

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Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

MEETING

MISSION BAY CONFERENCE CENTER
 Located in the William J. Rutter Center
 1675 Owens St.
 San Francisco, California 94143
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BONES BALL

THE CITY CLUB OF SAN FRANCISCO
 155 Sansome Street, 10th Floor
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