



University of California  
San Francisco

**UCSF Osher Mini Medical School for The Public**  
***BONES AND JOINTS: KEEPING THEM HEALTHY***  
***AND HEALING THEM WHEN INJURED (COURSE #: MLL17013)***

**Thursdays, February 23 – March 30, 2017**

**7:00pm – 8:30pm**

**UCSF’s Parnassus Campus**

**Course Chair**

**Theodore Miclau, III, MD**

Professor and Vice Chairman, Department of Orthopaedic Surgery

Director of Orthopaedic Trauma

Chief, Orthopaedic Surgery, San Francisco General Hospital

**Course Title: *Bones and Joints: Keeping Them Healthy and Healing Them When Injured***

**Course Description**

Musculoskeletal conditions are amongst the most common medical maladies, with more than 1.7 billion people experiencing bone or joint problems worldwide. According to the United States Bone and Joint Initiative, these conditions rank first among visits to physicians’ offices, with one out of every two Americans reporting a musculoskeletal problem. Musculoskeletal injuries, accounting for 75% of all reported injuries, result from accidents, falls, workplace, sports, and war-related injuries. They account for over 1.7 million hospitalizations, 40.8 million physician office visits, and 23.3 million outpatient and emergency room visits. This course will address common issues in bone and joint injuries, and provide an in-depth glimpse at what is being done to improve the care of the injured patient.

**Topics:**

- Tissue Engineering: Approaches to Regenerate Bone
- Bone Injury Research
- Rehabilitation Approaches to Care: From Trauma to Pain Management
- The Injured Spine
- Diabetes and Limb Disorders
- A Look Inside the Orthopaedic Trauma Institute (**Thursday, March 30th, 7:00pm-8:30pm**)  
Location: Zuckerberg General Hospital, 2550 23rd Street, Building 9, 2nd Floor, San Francisco, Ca 94110)

<b>Lecture Schedule - 7:00pm – 8:30pm</b>			
<b>Date</b>	<b>Title</b>	<b>Speaker</b>	<b>Location</b>
<b>February 23, 2017</b>	<i>Engineering the Skeleton: Introduction/Moderation</i>	Nathan Young, PhD	School of Nursing Building, Room 217
	<i>Regrowing the Skeleton: Approaches in Tissue Engineering and Regenerative Medicine</i>	Chelsea Bahney, MD	
	<i>Bone Biomechanic: How Our Bones Support Us and How They Fail/Fracture</i>	Safa Herfat, PhD	



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<b>Date</b>	<b>Title</b>	<b>Speaker</b>	<b>Location</b>
<b>March 2, 2017</b>	<i>Pain Management Options for Common Orthopaedic Conditions Introduction/Moderation</i>	Lisa Pascual, MD	School of Nursing Building, Room 217
	<i>Low Back Pain</i>	Masato Nagao, MD	
	<i>Knee Osteoarthritis</i>	Zack McCormick, MD	
<b>March 9, 2017</b>	<i>Bone Injuries: What Research is Being Done to Improve Patient Care? Introduction/Moderation</i>	Saam Morshed, MD	School of Nursing Building, Room 217
	<i>Trauma in North America</i>	Saam Morshed, MD	
	<i>International Trauma</i>	David Shearer, MD	
<b>March 16, 2017</b>	<i>Diabetes and Limb Disorders Introduction/Moderation</i>	Monara Dini, DPM	School of Nursing Building, Room 217
	<i>Preventative Measures for Diabetic Foot Care and the UCSF/ZSFG Functional Limb Service Experience</i>	Monara Dini, DPM	
	<i>What Happens When Things Go Wrong?</i>	Charles Parks, DPM	
	<i>Care for the Diabetic Amputee</i>	Aarti Deshpande, CPO	



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<b>March 23, 2017</b>	<i>The Injured Spine: Introduction/Moderation</i>	Trigg McClellan, MD	School of Nursing Building, Room 217
	<i>Neck Injuries</i>	Jeremie Larouche, MD	
	<i>Lower Back Injuries</i>	Murat Pekmezci, MD	
<b>March 30, 2017</b>	<i>Inside the Orthopaedic Trauma Institute: A Close Look at a Bay Area Resource</i>	<b>***Tour at OTI onsite at Zuckerberg General Hospital**</b>	2550 23rd Street, Building 9, 2nd Floor, San Francisco, CA 94110
	<i>Introduction and Clinical Overview</i>	Theodore Miclau, MD	
	<i>Educational Programs</i>	Amir Matityahu, MD	
	<i>Basic Research</i>	Ralph Marcucio, PhD	
	<i>Clinical Research</i>	Saam Morshed, MD, PhD	
	<i>Outreach Programs</i>	Amber Caldwell, BA, MS	