

## **CURRICULUM VITAE**

### **Brooke Crawford, MD**

Assistant Professor

David Geffen School of Medicine at UCLA

Department of Orthopaedic Surgery

(**Email:** brookecrawford@mednet.ucla.edu)

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### **CONTACT**

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### **BORN**

December 27, 1980

Klamath Falls, Oregon

### **EDUCATION**

Oregon Health & Sciences University: 2003-2007

Portland, Oregon, 97239, 503-494-8311

MD, 2007

Santa Clara University: 1999-2003

Santa Clara, California, 95053, 408-554-4000

BS, Magna Cum Laude, Combined Sciences Award, 2003

### **POST GRADUATE TRAINING**

#### **INTERNSHIP**

General Surgery

Oregon Health & Science University

July 2007-June 2008

Department of Surgery

3181 SW Sam Jackson Park Road, Portland, OR 97239

503-494-8311

### **RESIDENCY**

Orthopaedic Surgery

Saint Louis University Hospital

July 2009-June 2015  
Department of Orthopaedics  
3565 Vista Ave, St. Louis, MO 63110  
314-577-8000

## **FELLOWSHIPS**

Junior Trauma Fellowship  
Saint Louis University Hospital  
July 2008-June 2009  
Department of Orthopaedics  
3565 Vista Ave, St. Louis, MO 63110  
314-577-8000

Musculoskeletal Oncology Fellowship  
Massachusetts General Hospital  
August 2015-July 2016  
Department of Orthopaedics  
55 Fruit Street  
Boston, MA 02114  
617-724-3700

## **PROFESSIONAL CERTIFICATIONS**

America Board of Orthopaedic Surgery Certification, July 24, 2018

State of California, Department of Health  
Fluoroscopy Supervisor and Operator Permit 2017-present

## **ACADEMIC APPOINTMENTS**

Assistant Professor, Department of Surgery, September 6, 2016 - July 14, 2019  
City of Hope Cancer Center, Duarte, California

Assistant Professor, Department of Orthopaedic Surgery, July 15, 2019 - present  
David Geffen School of Medicine at University of California, Los Angeles

## **HOSPITAL APPOINTMENTS**

Attending Surgeon, City of Hope Helford Hospital, 2016-2019

Attending Surgeon, City of Hope Amini Surgery Center, 2016-2019

Attending Surgeon, Huntington Memorial Hospital, 2016-2019

Attending Surgeon, UCLA Medical Center, 2019- present

Attending Surgeon, UCLA Santa Monica Hospital, July 2019-present

Staff Physician/Attending Surgeon  
VA Greater Los Angeles Healthcare System  
West Los Angeles Healthcare Center  
11301 Wilshire Blvd.  
Los Angeles, CA 90073  
November 2019 - present

## **HONORS, AWARDS AND LECTURESHIPS**

### **Local**

Los Angeles Magazine Top Doctors, 2019

### **Regional**

### **National**

### **Racquetball**

#### **1992-1999**

5-time Women's National Singles Champion  
3-time Women's National Doubles Champion  
2-time Mixed National Doubles Champion

#### **1995-1999**

Junior Olympic Racquetball Team  
Team Captain 1999

#### **1998-1999**

United States Racquetball Association Junior Female Athlete of the Year

### **International**

Orthopaedics Traveling Fellowship, Health Volunteers Overseas, Malawi, Africa  
October 2013

### **Racquetball**

#### **1992-1999**

3-time Women's World Singles Champion  
1-time Women's World Doubles Champion  
1-time Mixed World's Doubles Champion

## **SPECIAL APPOINTMENTS**

### **SCHOLARLY SOCIETY MEMBERSHIPS (Inclusive)**

Member, American Academy of Orthopaedic Surgery  
March 2017-present

Member, Association of Women Surgeons  
July 2011-June 2012

Member, National Athletic Trainers Association  
September 2002-June 2003

### **SCHOLARLY SOCIETY MEMBERSHIPS (Exclusive)**

Board of Directors, Musculoskeletal Oncology Research Initiative  
February 2018-present

## **EDITORIAL SERVICE**

Reviewer, *Sarcoma*  
August 2019

Reviewer, *Oncolytics*  
October 2018

Reviewer, *Surgical Oncology*  
September 2016

## **CONSULTANT**

Advance Medical, second medical opinion via chart review  
July 8, 2016

## **COMMITTEES**

### **UCLA Department of Orthopaedic Surgery**

Member, Orthopaedic Quality and Safety Committee, UCLA  
August, 2019-present

### **City of Hope Department of Surgery**

Member, Department of Surgery Cultural Committee, COH  
2018-2019

### **COMMUNITY SERVICE**

Founder, citywide orthopaedic sports medicine lecture series, Portland, Oregon  
September 2005-June 2006

Head coach, Catlin Gabel High School Racquetball  
September 2003-June 2007

### **MENTOR/ADVISOR**

### **EDUCATIONAL ACITVITIES**

Developer of Orthopaedic Oncology resident rotation curriculum, UCLA  
2019-present

Developer of Orthopaedic Oncology fellowship curriculum  
2019-present

### **RESEARCH ACTIVITIES**

Photoacoustic Imaging of Bone

Patient-Reported Outcomes in Orthopaedic Oncology Patients

Fungating soft tissue sarcomas

Giant cell tumor of bone – local bisphosphonate adjuvant therapy

### **RESEARCH SUPPORT / EXTRAMURAL FUNDING**

### **PUBLICATIONS**

#### **I. Scientific Articles in Refereed Journals**

1. **Crawford**, Zehnder, Cutuk, Kaar. *Arthroscopic evaluation of knee lateral compartment widening after lateral ligamentous injury*. KSSTA. Vol 21(7), July 2013.

2. **Crawford**, Watson, Jackman, Fissel, Karges. *Salvage Hindfoot Arthrodesis Using Internal and Ilizarov Fixation*. J Foot Ankle Surg. Vol53(5), Sept-Oct 2014.

3. **Crawford**, Lenarz, Watson, Alander. *Complication with Removal of a Lumbar Spinal Locking Plate*. Case Rep Orthop. 17 Feb 2015.

4. Greenberg, **Crawford**. *Surveillance Strategies for Sarcoma: Results of a Survey of Members of the Musculoskeletal Tumor Society*. Sarcoma. 13 Jul 2016.

## II. **Invited Papers- Non-Refereed Journals**

1. Blakely, Chow, Sampath, Femino, Lozano-Calderon, Heng, **Crawford**. *Postoperative Wound Complications in Fungating Extremity Soft Tissue Sarcomas*. J of Cancer Bio and Therapeutics. 2019.

## III. **Articles accepted for publication:**

## IV. **Papers submitted:**

1. Fong, Stewart, Lafaro, LaRocca, Femino, **Crawford**. *Surgeons can Quickly and Accurately Perform Image Guided Needle Placement using Robotic Assistance*.

## V. **Book Chapters:**

1. **Crawford**, Greenberg. "Introduction to Cancer Surveillance Strategies." *Patient Surveillance After Cancer Treatment*. Springer 2013 Feb 28

2. **Crawford**, Cui. "Choosing a Fellowship." *Ruth Jackson Orthopaedic Society Guide for Women in Orthopaedic Surgery, 2<sup>nd</sup> Edition*. 2015

## VI. **Review Articles**

1. **Crawford B**, Badlissi F, Lozano Calderon SA. *Orthopaedic Considerations in the Management of Skeletal Sarcoidosis*. J Am Acad Orthop Surg. 15 Mar 2018.

## VI. **Editor**

## VII. **Posters:**

1. "Ulcerating Soft Tissue Sarcomas." Connective Tissue Oncology Society. Nov 2018

2. "To assess the Added Value of Intravenous Gadolinium for Knee Osteosarcoma Resection Planning in Pediatric Patients and Young Adults." Musculoskeletal Tumor Society. Oct 2018.

3. "Ulcerating Soft Tissue Sarcomas." Musculoskeletal Tumor Society. Oct 2018.

4. "Surveillance Strategies for Sarcoma: Results of a Survey of Members of the MSTs." Musculoskeletal Tumor Society. Oct 2015.

5. “Does partial patellectomy cause patella baja?” Orthopaedic Trama Association. Oct 2015.

## **SCIENTIFIC & SCHOLARLY PRESENTATIONS**

### **International Presentations**

### **National Presentations**

Contributing researcher: American Academy of Orthopaedic Surgeons. Orlando, FL  
March 2016  
Strategies for Limb Salvage in Young Children without Expandable Protheses

Keynote Speaker: Malawi Orthopaedic Association. September 2013  
Assessment and Management of Multiply Injured Patient

Presenter: Sacropelvic Tumor Study Group. Toronto, Canada, January 2016  
Case Presentation of Sacral Chordoma

### **Regional Presentations**

Presenter: Mid-America Orthopaedic Association. April 2014  
Salvage Hindfoot Arthrodesis Using Internal and Ilizarov Fixation

### **Local Presentations**

Invited Lecturer: Orange Coast Medical Center, Fountain Valley, CA. March 14, 2019  
Bone Tumors and Bone Cancer

Invited Lecturer: Medical Education Speaker’s Network, Northridge, CA, February 12, 2019  
Bone Metastases

Invited Lecturer: Medical Education Speaker’s Network, Van Nuys, CA, January 8, 2019  
Bone Metastases,

Invited Lecturer: City of Hope CME lecture series, Duarte, CA, December 7, 2017

Invited Lecturer: Medical Education Speaker’s Network, Los Angeles, CA, February 9, 2017  
Soft Tissue Tumors: Early Diagnosis

Grand Rounds: Valley Children’s Hospital, Fresno, CA, January 27, 2017  
Pediatric Bone Tumors

Grand Rounds: Texas Tech Medical Center, El Paso, TX, March 20, 2016  
Bone Metastasis

**UCLA-Affiliated Hospital Presentations**

**SCIENTIFIC EXHIBITS, FILMS, & VIDEOTAPES**

**COURSES**

Stryker Spine Tumor Course, New York, NY  
June 17 2016

Stryker Navigation Lab Training, Tampa FL  
March 12, 2016

AO Advanced, La Jolla, CA  
March 2014

AO Masters Course – Current Concepts, Davos, Switzerland  
December 2013

MD Anderson Tumor Course – Houston, TX  
October 2012

AO Basic, Atlanta, GA  
September 2011

**CONFERENCES**

Musculoskeletal Tumor Society, Portland, OR, October 2019

American Society of Pediatric Hematology/Oncology, New Orleans, LA, March 2019

Connective Tissue Oncology Society, Rome, Italy, November, 2018

Musculoskeletal Tumor Society, New York, NY, 2018

Connective Tissue Oncology Society, Maui, HI, November, 2017

Musculoskeletal Tumor Society, Denver, CO, October, 2017



American Academy of Orthopaedic Surgeons Annual Conference, San Diego, CA, March 2017

American Academy of Orthopaedic Surgeons Annual Conference, Orlando, FL, March 2016

Sacropelvic Tumor Study Group, Toronto, ON, January 2016

American Academy of Orthopaedic Surgeons Annual Conference, Las Vegas, NV, March 2015

Mid America Orthopaedic Association, San Antonio, TX, April 2014

Malawi Orthopaedic Association Annual Conference, Malawi, Africa, September 2013

American Academy of Orthopaedic Surgeons Annual Conference, Chicago, IL, March 2013

Northwestern University Prosthetics-Orthotics review course, Chicago, IL, March 2011

### **MODERATOR/REVIEWER**

### **ORTHOPAEDIC SURGERY ONCOLOGY FELLOWSHIP**

### **MEDIA:**

Interview: City of Hope Newsroom Breakthrough Blog  
“This is a Curable Cancer”: New Treatment Options for Sarcoma  
July 9, 2018

<https://www.cityofhope.org/breakthroughs/brooke-crawford-on-new-treatment-options-for-sarcoma>

Interview: City of Hope Newsroom Breakthrough Blog  
July 20, 2017  
New Treatment Options for Sarcoma

<https://www.cityofhope.org/blog/new-treatment-options-for-sarcoma>

Interview: City of Hope Radio and Podcast  
Sarcoma or Musculoskeletal Cancer Treatment Options  
2017

<https://www.cityofhope.org/about-city-of-hope/newsroom/blogs-and-publications/city-of-hope-radio>