

Calvin T. Hu, M.D.
Curriculum Vitae

Oct. 2017

PERSONAL INFORMATION

Name	Calvin Takuo Hu
Work Address	Chico, CA 95928 131 Raley Blvd. Chico, CA 95928
Work Telephone	(530) 897-4500
Work Fax	(530) 897-4544
Date of Birth	04/28/1976
Place of Birth	Washington, D.C.
Citizenship	United States

EDUCATION

Washington University in St. Louis School of Medicine, St. Louis, MO M.D.	2006
University of Washington, Seattle, WA M.S. in Bioengineering	2002
University of California, Berkeley, CA B.A. in Biochemistry and Molecular Biology with Honors	1998

RESIDENCY TRAINING

University of Rochester Medical Center, Rochester, NY Orthopaedic Surgery Residency, Research Track <i>Chairman: Regis O'Keefe M.D., Ph.D.; Program Director: John Gorczyca, M.D.</i>	2006 – 2012
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FELLOWSHIP TRAINING

Harborview Medical Center, Seattle, WA Foot and Ankle Surgery Advanced Clinical Experience <i>Faculty: Bruce Sangeorzan, M.D., Stephen Benirschke, M.D., Michael Brage, M.D.</i>	Jul. 2012 – Jul. 2013
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LICENSURE INFORMATION

Board Certified, American Board of Orthopaedic Surgery	Jul. 2015
California State Medical License – A143239	Jun. 2016

PROFESSIONAL EMPLOYMENT

Orthopedic Associates of Northern California
131 Raley Blvd., Chico, CA 95928 Jul. 2016 – present

Hamilton Orthopaedic Surgery & Sports Medicine
85 College St., Hamilton, NY 13346 Sep. 2013 – Jun. 2016

MEMBERSHIPS IN NATIONAL PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons – Fellow Member 2012 – present
American Orthopaedic Foot and Ankle Society – Fellow Member 2013 – present

HONORS AND AWARDS

University of Rochester Medical Center

- Kenneth E. DeHaven Award for outstanding thesis presentation May 2012

University of Washington

- Nanotechnology Research Fellowship 2000 – 2001
- Cable Research Fellowship 1999 – 2000

University of California, Berkeley

- High Honors, College of Letters and Science May 1998
- Phi Beta Kappa May 1997
- Golden Key National Honor Society: Community Service Award May 1997

EDUCATIONAL CONTRIBUTIONS

University of Rochester Medical Center

- Medical Student Musculoskeletal Medicine Curriculum: Small Group Leader 2008 – 2010
- Department of Orthopaedics and Rehabilitation
 - Orthopaedic Trauma Lecture Series
 - Calcaneus Fractures May 2012
 - Humeral Shaft Fractures Oct. 2010
 - Distal Femur Fractures Mar. 2010
 - Tibial Pilon Fractures Apr. 2009
 - Talus and Lisfranc Injuries Jun. 2008
 - Orthopaedic Basic Science Lecture Series
 - Polyethylene Wear in Total Hip Arthroplasty Mar. 2012
 - Molecular Basis of Cancer Apr. 2011
 - Heterotopic Ossification in Total Joint Arthroplasty Jan. 2010
 - Orthopaedic Molecular and Cell Biology Aug. 2008

RESEARCH ACTIVITIES

Orthopaedic Year-Out Resident Research Fellow 2008 – 2009

Center for Musculoskeletal Research, University of Rochester Medical Center

Catherine A. Humphrey, M.D., Regis J. O’Keefe, M.D., Ph.D.

Development of a mouse model of oligotrophic tibial non-union

Ilya Voloshin, M.D., Edward Schwarz, Ph.D.

Study of rotator cuff repair in a rabbit model

J. Edward Puzas, Ph.D.

Effect of teriparatide (Forteo) on peripheral blood osteoblast precursors

Glenn R. Rechtine II, M.D.

Spinal motion during patient transfers in a cadaveric spinal instability model

Department of Bioengineering, University of Washington 1999 – 2002

Patrick Stayton, Ph.D., Allan S. Hoffman, Ph.D.

Master's Thesis "Temperature control of integrin-mediated cell adhesion with a smart polymer/RGD-streptavidin complex"

Department of Molecular and Cellular Biology, University of California, Berkeley 1996 – 1999

Giovanna Ferro-Luzzi Ames, Ph.D.

Physicochemical characterization of a bacterial histidine transporter complex

Alzheimer's Disease Laboratory, Sun Health Research Institute, Sun City, AZ Jun.-Aug. 1996

Lih-Fen Lue, Ph.D., Joseph Rogers, Ph.D.

Investigation of the role of inflammatory pathways in Alzheimer's disease

PRESENTATIONS

"Patient Activity Levels Correlate with Self-Reported Outcomes after Surgery for End-Stage Ankle Arthritis" *Podium presentation*, American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV Mar. 2015

"Correlation of Step Counts with Patient Self-Reported Outcome after Surgery for End-Stage Ankle Arthritis" *Podium presentation*, 4th Annual Summit in Seattle: Focus on Knee Disorders, Seattle, WA Jul. 2013

"Murine Model of Oligotrophic Tibial Non-union" *Podium presentation*, Basic Science Forum, 2010 Annual Meeting of the Orthopaedic Trauma Association, Baltimore, MD Oct. 2010

"Challenges in developing a mouse model of fracture non-union" *Podium presentation*, OREF Resident Research Symposium, Rochester, NY May 2009

"Control of integrin-mediated cell adhesion to a protein-polymer complex" *Poster presentation*, Nanotechnology Research Symposium, Seattle, WA Aug. 2001

PUBLICATIONS

Scientific Articles

Merriman M, **Hu C**, Noyes K, Sanders J. Selection of the lowest level for fusion in adolescent idiopathic scoliosis – a systematic review and meta-analysis. *Spine Def.* 2015; 3:128-135.

Hu C, DiPaola C, Conrad B, Horodyski M, Del Rossi G, Rechtine G. Motion is reduced in the unstable spine with the use of mechanical devices for bed transfers. *J Spinal Cord Med.* 2013; 36:58-65.

Hu C, Offley S, Yaseen Z, O'Keefe RJ, Humphrey CA. Murine model of oligotrophic tibial nonunion. *J Orthop Trauma.* 2011; 25:500-505.

