Calvin T. Hu, M.D. Curriculum Vitae

Oct. 2017

PERSONAL INFORM	MATION	Oct. 2017
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		
	sity in St. Louis School of Medicine, St. Louis, MO	2006
University of Washi M.S. in Bioenginee	- -	2002
University of Califo B.A. in Biochemist	rnia, Berkeley, CA ry and Molecular Biology with Honors	1998
RESIDENCY TRAIN	ING	
University of Roche	ester Medical Center, Rochester, NY	2006 - 2012
1 0	ery Residency, Research Track	
Chairman: Regis O'	Keefe M.D., Ph.D.; <i>Program Director</i> : John Gorczyca, M.D.	
FELLOWSHIP TRAI	<u>INING</u>	
Harborview Medica	l Center, Seattle, WA	Jul. 2012 –
	rgery Advanced Clinical Experience	Jul. 2013
Faculty: Bruce Sang M.D.	georzan, M.D., Stephen Benirschke, M.D., Michael Brage,	
LICENSURE INFOR	<u>MATION</u>	
Board Certified, An	nerican Board of Orthopaedic Surgery	Jul. 2015
California State Med	dical 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 American Orthopaedic Foot and Ankle Society – Fellow Member	2012 – present 2013 – present
HONORS AND AWARDS	
University of Rochester Medical Center	
• Kenneth E. DeHaven Award for outstanding thesis presentation <i>University of Washington</i>	May 2012
 Nanotechnology Research Fellowship 	2000 - 2001
 Cable Research Fellowship 	1999 - 2000
University of California, Berkeley	M 1000
High Honors, College of Letters and Science N. D. A. W.	May 1998
Phi Beta Kappa Calden Kappa	May 1997 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 	
o Orthopaedic Trauma Lecture Series	
 Calcaneus Fractures 	May 2012
 Humeral Shaft Fractures 	Oct. 2010
Distal Femur FracturesTibial Pilon Fractures	Mar. 2010
	Apr. 2009 Jun. 2008
 Talus and Lisfranc Injuries Orthopaedic Basic Science Lecture Series 	Juli. 2008
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 marrie model of altertraphic tibial new region	

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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, 1996 – 1999 Berkeley

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
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" <i>Podium presentation</i> , 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" <i>Podium presentation</i> , 4 th Annual Summit in Seattle: Focus on Knee Disorders, Seattle, WA	Jul. 2013
"Murine Model of Oligotrophic Tibial Non-union" <i>Podium presentation</i> , 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" <i>Podium presentation</i> , 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.

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Langer JS, Manske PR, Steffen JA, **Hu** C, Goldfarb C. Thumb in the plane of the hand: characterization and results of surgical treatment. *J Hand Surg Am.* 2009; 34:1795-1801.

Ames GF, Nikaido K, Wang IX, Liu PQ, Liu CE, **Hu** C. Purification and characterization of the membrane-bound complex of an ABC transporter, the histidine permease. *J. Bioenerg. Biomembr.* 2001; 33:79-92.

Book Chapters and Review Articles

Hu C, Sanders JO. Adolescent Idiopathic Scoliosis – Nonoperative Management. In: Bhandari M, editor. *Evidence-Based Orthopedics*. Oxford: Wiley-Blackwell; 2012.

Hu C, Sanders JO. Adolescent Idiopathic Scoliosis – Operative Management. In: Bhandari M, editor. *Evidence-Based Orthopedics*. Oxford: Wiley-Blackwell; 2012.

Hu C, Flemister AS. Insertional Achilles Tendinopathy: Surgical Options. *Operative Techniques in Orthopaedics*. 2008; 18:247-253.

RELATED EXPERIENCE

University of Rochester Medical Center

Representative, Graduate Medical Education Hospital Resident Council	2010 - 2011
Team Physician	2008 - 2012

- Rochester Americans, American Hockey League
- Rochester Rattlers, Major League Lacrosse
- Rochester Rhinos, United States Soccer Federation
- Monroe County Section 5 high school football programs

Washington University in St. Louis School of Medicine

Course Liaison: medical school pre-clinical courses	2003 - 2004
Coordinator: community outreach groups, Emergency Medicine Interest	2003 - 2004
Group	
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Primary Care Preceptorships

•	Sevier Valley Family Practice, Richfield, UT	Jul. 2003
•	Valdez Medical Clinic, Valdez, AK	Jun. 2003

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COURSES ATTENDED

Upstate New York Musculoskeletal Basic Science Course, Rochester, NY	Mar. 2010
AO Basic Principles & Techniques of Operative Fracture Management, Phoenix,	Jan. 2010
AZ	

LANGUAGES

English – native language Mandarin Chinese – speak fluently

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