

ALL IMAGING MENTORS

Ankle & Foot

Imaging Modality: Ultrasound

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Tendinopathy, including elastography	Karin Grävare Silbernagel	kgs@udel.edu	University of Delaware Newark, DE	Yes	Yes	Maybe
Arthropathy	Lena Volland	lvolland@usa.edu	University of St. Augustine San Marcos, CA	Yes	No	No
	Cindy Bailey	cbailey@mednet.ucla.edu	Orthopaedic Institute for Children Los Angeles, CA	Yes	No	No
Ankle Ligament/tendon pathology	Daniel P. Staats	staatsphysicaltherapy@yahoo.com	Staats Physical Therapy Brick, NJ	Yes	Maybe	Maybe
Limited experience with gastrocnemius activation using stiffness change via shearwave elastography	Shane Koppenhaver	shanekoppenhaver@mac.com	Baylor University Waco, TX	Yes	No	No

Cervical Spine

Imaging Modality: MRI and CT Scan

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Muscle composition quantification; pathology quantification, spinal cord; machine learning; open-source datasets	Jim Elliott	jim.elliott@sydney.edu.au	University of Sydney Lidcombe, Australia Northwestern University Chicago, IL	Yes	Yes	Yes
	Andrew Smith	andrewsm8@gmail.com	Regis University Denver, CO	Yes	Yes	Yes
	Ken Weber	kenweber@stanford.edu	Stanford University Stanford, CA	Yes	Yes	Yes

ALL IMAGING MENTORS

Elbow, Wrist & Hand

Imaging Modality: Ultrasound

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Arthropathy	Lena Volland	lvolland@usa.edu	University of St. Augustine San Marcos, CA	Yes	No	No
	Bruno Steiner	brunos@bloodworksnw.org	Bloodworks North West Seattle, WA	Yes	No	No
	Cindy Bailey	cbailey@mednet.ucla.edu	Orthopaedic Institute for Children Los Angeles, CA	Yes	No	No
Tendinopathy	Greg Fritz	apt1@fidalgo.net	Ancortes Physical Therapy Ancortes, WA	Yes	Yes	Yes
Carpal tunnel identification	Daniel P. Staats	staatsphysicaltherapy@yahoo.com	Staats Physical Therapy Brick, NJ	Yes	Maybe	Maybe
Elbow	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes

Hip & Pelvis

Imaging Modality: MRI

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Hip osteoarthritis	Rich Souza	richard.souza@ucsf.edu	University of California, San Francisco San Francisco, CA	Yes	Yes	No
Muscle fat fraction						

Imaging Modality: Ultrasound

Morphology/muscle size	Megan Sions	megsions@udel.edu	University of Delaware Newark, DE	Yes	Yes	Maybe
Pelvic Floor	Iman Akef Khowailed	iakef@usa.edu	University of St. Augustine San Marcos, CA	Yes	No	No
Tendon pathology	Gregory Fritz	apt1@fidalgo.net	Ancortes Physical Therapy Ancortes, WA	Maybe	Maybe	Maybe

ALL IMAGING MENTORS

Knee

Imaging Modality: MRI

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Knee injury and osteoarthritis	Rich Souza	richard.souza@ucsf.edu	University of California, San Francisco San Francisco, CA	Yes	Yes	No

Imaging Modality: Ultrasound

Patellar tendinopathy	Karin Grävare Silbernagel	kgs@udel.edu	University of Delaware Newark, DE	Yes	Yes	Maybe
Tendon pathology	Gregory Fritz	apt1@fidalgo.net	Ancortes Physical Therapy Ancortes, WA	Maybe	Maybe	Maybe
Arthropathy	Lena Volland	lvolland@usa.edu	University of St. Augustine San Marcos, CA	Yes	No	No
	Bruno Steiner	brunos@bloodworksnw.org	Bloodworks North West Seattle, WA	Yes	No	No
	Cindy Bailey	cbailey@mednet.ucla.edu	Orthopaedic Institute for Children Los Angeles, CA	Yes	No	No

ALL IMAGING MENTORS

Lumbar Spine

Imaging Modality: MRI

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Diffusion - weighted spine imaging	Paul Beattie	PBEATTIE@mailbox.sc.edu	University of South Carolina Columbia, SC	Yes	Yes	Yes
Paraspinal muscle morphology/size	George Beneck	gbeneck@csulb.edu	California State University, Long Beach Long Beach, CA	Yes	No	No
Muscle, bone, disc	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes

Imaging Modality: Ultrasound

Lumbar extensor size	Megan Sions	megsions@udel.edu	University of Delaware Newark, DE	Yes	Maybe	Maybe
Trunk muscle activation, i.e., thickness change	George Beneck	gbeneck@csulb.edu	California State University, Long Beach Long Beach, CA	Yes	No	No
	Megan Sions	megsions@udel.edu	University of Delaware Newark, DE	Yes	Maybe	Maybe
Lumbar multifidus activation using thickness change via B-mode US	Shane Koppenhaver	shanekoppenhaver@mac.com	Baylor University Waco, TX	Yes	No	No
Lumbar musculature (erector spine, lumbar multifidus) activation using stiffness change via shear-wave elastography						
Ultrasound-guided insertions: paraspinal muscles	George Beneck	gbeneck@csulb.edu	California State University, Long Beach Long Beach, CA	Yes	No	No
Multifidus activation, i.e., thickness change	Daniel P. Staats	staatsphysicaltherapy@yahoo.com	Staats Physical Therapy Brick, NJ	Yes	Maybe	Maybe
Muscle activation/thickness	Randy Lazicki	lazicki@campbell.edu	Campbell University Ft. Bragg, NC	Yes	No	No
Muscle	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes

ALL IMAGING MENTORS

Shoulder

Imaging Modality: MRI

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Muscle, Tendon, Bone, Cartilage	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes

Imaging Modality: Ultrasound

Tendon morphology and micromorphology	Lori Michener	lmichene@usc.edu	University of Southern California Los Angeles, CA	Yes	Yes	Yes
Muscle size						
Muscle activation via change in muscle thickness						
Subacromial space measures						
Limited experience with shoulder (infraspinatus) activation using thickness change via B-mode US	Shane Koppenhaver	shanekoppenhaver@mac.com	Baylor University Waco, TX	Yes	No	No
Tendon pathology and Acromio-Humeral Interval measurement	Daniel P. Staats	staatsphysicaltherapy@yahoo.com	Staats Physical Therapy Brick, NJ	Yes	Maybe	Maybe
Tendinopathy	Gregory Fritz	apt1@fidalgo.net	Ancortes Physical Therapy Ancortes, WA	Maybe	Maybe	Maybe

Thoracic Spine & Rib Cage

Imaging Modality: Ultrasound

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
Ultrasound-guided insertions: paraspinal muscles	George Beneck	gbeneck@sculb.edu	California State University, Long Beach Long Beach, CA	Yes	No	No

ALL IMAGING MENTORS

Other

Imaging Modality: MRI

Application	Expert Mentor	Email	Location	Potential Opportunities		
				Collaborating	Post-doc	Sabbatical
FMRI - brain activation	Paul Beattie	PBEATTIE@mailbox.sc.edu	University of South Carolina Columbia, SC	Yes	Yes	Yes
Muscle(Diffusion, perfusion, structure, composition)	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes
Skeletal muscle	Jim Elliott	jim.elliott@sydney.edu.au	University of Sydney Lidcombe, Australia Northwestern University Chicago, IL	Yes	Yes	Yes
Spinal cord						
Tramatic and non-tramatic MSK disorders						

Imaging Modality: CT Scan

microCT (Muscle)	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes
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Imaging Modality: PET-Scan

Muscle	Sam Ward	s1ward@ucsd.edu	University of California, San Diego La Jolla, CA	Yes	Yes	Yes
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Imaging Modality: Ultrasound

Neuromusculoskeletal ultrasound imaging, including peripheral nerve entrapment	Mohini Rawat	mohinirawat@gmail.com	Acumen Diagnostics New York, NY	Maybe	No	No
Various Orthopaedic	Bruno Steiner	brunos@bloodworksnw.org	Bloodworks North West Seattle, WA	Yes	No	No
Various Orthopaedic	Greg Fritz	apt1@fidalgo.net	Ancortes Physical Therapy Ancortes, WA	Yes	Yes	Yes
Tendon morphology	Greg Bashford	gbashford2@unl.edu	University of Nebraska Lincoln, NE	Yes	Maybe	Maybe
Image analysis/processing						