

## Visiting International Hand Fellowship 2010-2012

Robert A. Chase Hand Center at Stanford University

*The Ronald and Ann Williams Foundation Charitable Trust*

We announce the creation of a visiting hand fellowship, 6-12 weeks duration, at the Chase Hand and Upper Limb Center at Stanford University in California, USA. A stipend will be provided to help defray travel and living expenses, US \$6000-12,000 accordingly. The stipend will not entirely cover cost of living, and the fellow is encouraged to seek additional funding, particularly if he/she wishes to stay longer to pursue a specific endeavor.

The international fellowship program aims to create exchange between the visiting fellow, Stanford faculty, and doctors in training. The goal of this fellowship is to infuse the Stanford spirit into the fellow's future practice and research. We anticipate he/she will come with several years of experience and will thus pursue a focused area of interest while at Stanford.

The Robert A. Chase Hand & Upper Limb Center includes faculty and residents from the Department of Orthopaedic Surgery and the Division of Plastic Surgery at Stanford, and the clinical and research arms of the Center reflect this breadth of expertise. We currently train two hand fellows per year accredited by the governing American body, the ACGME. The international fellowship position offered does not require state licensure, and thus the international fellow will only observe in the clinical setting. Many research opportunities exist, and our goal is to foster interdisciplinary clinical and basic science relationships between the visiting fellow, her/his home institution, and the Chase Center.

Three institutions present an extraordinary clinical breadth: Stanford University Hospital & Clinics, Lucile Packard Children's Hospital, and the Palo Alto Veterans Administration (VA) Medical Center. At Stanford, the focus is trauma and reconstruction, including micro-vascular replantation, of the hand, wrist, elbow, and shoulder. The Lucile Packard Children's Hospital exposes fellows to children with congenital anomalies of the hand and upper limb as well as children with birth brachial plexus injuries. The VA Center offers the experience of our veteran population, whose hand problems often reflect severe deformities and systemic illness, as well as spinal cord injury.

Research facilities range from laboratories at Stanford School of Medicine, Packard Motion & Gait Lab, the VA, and with other centers including Anatomy, Stanford Biocomputation Center, and Bioengineering. We welcome new collaborations if they further our mutual research goals.

### Eligible candidates

Interested candidates should have their MD or (MD equivalent and clinical training) for more than six years, or PhD for more than three years and have a demonstrated interest in deepening their specialization in clinical practice and/or hand and upper limb research.

### Application process

We request applicants to define a project/projects designed to deepen or expand their experience of the sub-specialty of hand and upper limb. The application should include a 1-2 page summary of area of interest with the following headings: **1) Goal of Project, 2) Background, 3) Proposed Stanford Collaborators, and 4) Future Directions.** Please also submit two letters of recommendation from senior members or collaborators with whom you have trained and know you well. State the number of weeks and general calendar dates between spring 2010 and year-end 2012 you wish to travel. We advise flexibility in schedule planning, in order best to accommodate requests and collaborations.

A short description of the Stanford faculty's clinical and research interests are attached. We will favor candidates whose projects complement research at Stanford and further our knowledge in areas of particular importance. Scholarly publications from the fellowship are encouraged, and we anticipate holding an international meeting with past fellows and current faculty presenting their research within a few years of the inception of the fellowship.

Notification of acceptance will occur on a rolling basis. Please address inquiries to Dr. Amy Ladd, Professor of Orthopaedic Surgery & Chief, Chase Center: [alad@stanford.edu](mailto:alad@stanford.edu), 001-650-723-6796.

## Chase Hand Center Faculty *Clinical and Research Interests*

**1) James Chang MD**, Professor & Chief of the Division of Plastic and Reconstructive Surgery  
[changhand@aol.com](mailto:changhand@aol.com)

*Clinical Practice* - Reconstructive surgery of the hand and extremities including microsurgical reconstruction

*Research Interests* - Modulation of Transforming Growth Factor-Beta in scarless flexor tendon wound healing and tissue engineered flexor tendon grafts for hand reconstruction

**2) Emilie Cheung MD**, Assistant Professor of Orthopaedic Surgery [evcheung@stanford.edu](mailto:evcheung@stanford.edu)

*Clinical Practice* – Trauma and reconstructive surgery of the shoulder and elbow

*Research Interests* - Biology and biomechanics of bony ingrowth in total elbow and shoulder arthroplasty

**3) Catherine M. Curtin MD**, Assistant Professor of Plastic Surgery [curtincatherine@yahoo.com](mailto:curtincatherine@yahoo.com)

*Clinical Practice* - General hand surgery with a special interest in peripheral nerve surgery

*Research Interests* - Health services research with a focus on maintaining the upper extremity health of people with spinal cord injury

**4) Vincent R. Hentz MD**, Professor of Plastic & Reconstructive Surgery and Orthopaedic Surgery  
[vrhentz@stanford.edu](mailto:vrhentz@stanford.edu)

*Clinical Practice* - Reconstructive surgery of the hand and upper limb, brachial plexus injuries

*Research Interests* – Biochemical models of nerve regeneration and hand function in the tetraplegic patient

**5) Amy L. Ladd MD**, Professor of Orthopaedics & Chief, Chase Hand Center and Pediatric Clinic at Packard Children's Hospital [alad@stanford.edu](mailto:alad@stanford.edu)

*Clinical Practice* – Reconstruction and trauma of the hand and upper limb; congenital anomalies

*Research Interests* – Multimodal imaging upper limb techniques & kinematics, esp. thumb CMC.  
Websites: [move.stanford.edu](http://move.stanford.edu) and <http://homepage.mac.com/alladd/CMC/PhotoAlbum14.html>

**6) Jeffrey Yao MD**, Assistant Professor of Orthopaedic Surgery [jyao@stanford.edu](mailto:jyao@stanford.edu)

*Clinical Practice* – Surgical treatment for disorders affecting the hand, shoulder, and elbow

*Research Interests* – Innovative arthroscopic and minimally-invasive surgical techniques for the hand and upper limb; use of stem cells in the treatment of tendon injuries

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**Robert A. Chase MD**, Emile Holman Professor of Surgery, Emeritus [RChase6880@aol.com](mailto:RChase6880@aol.com)

*Research Interests* – Stereophotography and multimodal imaging techniques of human anatomy