



## Paige Fox

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) at the Stanford University Medical Center

Surgery - Plastic & Reconstructive Surgery

### CLINICAL OFFICES

- **Orthopaedic Musculoskeletal Tumor Surgery**

450 Broadway St Ste A26

Pavilion A 2nd Fl MC 6120

Redwood City, CA 94063

**Tel** (650) 723-5256      **Fax** (650) 721-3420

### Bio

---

### BIO

Dr. Paige Fox is Board Certified Plastic Surgeon who specialized in hand surgery, reconstructive microsurgery, as well as peripheral nerve and brachial plexus surgery. She is an Assistant Professor in the Division of Plastic and Reconstructive surgery in the Department of Surgery. She works with adult and pediatric patients. Her research focuses on wound healing, disorders of the upper extremity, and surgical biosensors.

### CLINICAL FOCUS

- Adult and Pediatric Hand Surgery
- Plastic and Reconstructive Surgery
- Peripheral Nerve Surgery
- Facial Reanimation
- Microsurgery

### ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Surgery - Plastic & Reconstructive Surgery
- Member, Bio-X
- Faculty Fellow, Stanford ChEM-H

### HONORS AND AWARDS

- Ryan-Upson Scholar in Plastic and Reconstructive Surgery, Stanford School of Medicine (2018-2021)

### PROFESSIONAL EDUCATION

- Fellowship: Mayo Clinic Upper Extremity Fellowship (Shoulder and Elbow) (2015) MN
- Residency: Stanford University Dept of Plastic Surgery (2014) CA
- Board Certification: Surgery of the Hand, American Board of Plastic Surgery (2017)
- Medical Education: Virginia Commonwealth University (2008) VA

---

## Publications

---

### PUBLICATIONS

- **Quality of Randomized Controlled Trials for Surgical Treatment of Carpal Tunnel Syndrome: A Systematic Review.** *Plastic and reconstructive surgery*  
Long, C., Azad, A. D., desJardins-Park, H. E., Fox, P. M.  
2019; 143 (3): 791–99
- **Augmentation of chronic rotator cuff healing using adipose-derived stem cell-seeded human tendon-derived hydrogel.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*  
Kaizawa, Y., Franklin, A., Leyden, J., Behn, A. W., Tulu, U. S., Leon, D., Wang, Z., Abrams, G. D., Chang, J., Fox, P. M.  
2019
- **Human Tendon-Derived Collagen Hydrogel Significantly Improves Biomechanical Properties of the Tendon-Bone Interface in a Chronic Rotator Cuff Injury Model.** *The Journal of hand surgery*  
Kaizawa, Y., Leyden, J., Behn, A. W., Tulu, U. S., Franklin, A., Wang, Z., Abrams, G., Chang, J., Fox, P. M.  
2019
- **Biodegradable and flexible arterial-pulse sensor for the wireless monitoring of blood flow** *NATURE BIOMEDICAL ENGINEERING*  
Boutry, C. M., Beker, L., Kaizawa, Y., Vassos, C., Tran, H., Hinckley, A. C., Pfattner, R., Niu, S., Li, J., Claverie, J., Wang, Z., Chang, J., Fox, et al  
2019; 3 (1): 47–57
- **Treating the Proximal Interphalangeal Joint in Swan Neck and Boutonniere Deformities.** *Hand clinics*  
Fox, P. M., Chang, J.  
2018; 34 (2): 167–76
- **Quality of surgical randomized controlled trials in hand surgery: a systematic review.** *The Journal of hand surgery, European volume*  
Long, C., desJardins-Park, H. E., Popat, R., Fox, P. M.  
2018: 1753193418780184
- **Intratendinous Injection of Hydrogel for Reseeding Decellularized Human Flexor Tendons.** *Plastic and reconstructive surgery*  
Long, C., Galvez, M. G., Legrand, A., Joubert, L., Wang, Z., Chattopadhyay, A., Chang, J., Fox, P. M.  
2017; 139 (6): 1305e-1314e
- **De Novo Upper Extremity Lymphedema After Elective Hand Surgery in Breast Cancer Survivors.** *Annals of plastic surgery*  
Baltzer, H. L., Harvey, J., Fox, P. M., Moran, S. L.  
2017
- **Tendon Tissue Engineering: Mechanism and Effects of Human Tenocyte Coculture With Adipose-Derived Stem Cells.** *The Journal of hand surgery*  
Long, C., Wang, Z., Legrand, A., Chattopadhyay, A., Chang, J., Fox, P. M.  
2017
- **Molecular Biology of Flexor Tendon Healing in Relation to Reduction of Tendon Adhesions.** *The Journal of hand surgery*  
Legrand, A., Kaufman, Y., Long, C., Fox, P. M.  
2017
- **Access to surgical upper extremity care for people with tetraplegia: an international perspective** *SPINAL CORD*  
Fox, P. M., Suarez, P., Hentz, V. R., Curtin, C. M.  
2015; 53 (4): 302-305
- **Management of Frontal Sinus Fractures: Treatment Modality Changes at a Level I Trauma Center** *JOURNAL OF CRANIOFACIAL SURGERY*  
Fox, P. M., Garza, R., Dusch, M., Hwang, P. H., Girod, S.  
2014; 25 (6): 2038-2042
- **Fascia-only anterolateral thigh flap for extremity reconstruction.** *Annals of plastic surgery*  
Fox, P., Endress, R., Sen, S., Chang, J.  
2014; 72: S9-S13
- **Decellularized Human Tendon-Bone Grafts for Composite Flexor Tendon Reconstruction: A Cadaveric Model of Initial Mechanical Properties** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*

- 
- Fox, P. M., Farnebo, S., Lindsey, D., Chang, J., Schmitt, T., Chang, J.  
2013; 38A (12): 2323-2328
- **Human flexor tendon tissue engineering: in vivo effects of stem cell reseeded.** *Plastic and reconstructive surgery*  
Schmitt, T., Fox, P. M., Woon, C. Y., Farnebo, S. J., Bronstein, J. A., Behn, A., Pham, H., Chang, J.  
2013; 132 (4): 567e-76e
  - **Management of the hand in systemic sclerosis.** *journal of hand surgery*  
Fox, P., Chung, L., Chang, J.  
2013; 38 (5): 1012-1016
  - **White light spectroscopy for free flap monitoring** *MICROSURGERY*  
Fox, P. M., Zeidler, K., Carey, J., Lee, G. K.  
2013; 33 (3): 198-202
  - **Computed tomography angiography in microsurgery: indications, clinical utility, and pitfalls.** *Eplasty*  
Lee, G. K., Fox, P. M., Riboh, J., Hsu, C., Saber, S., Rubin, G. D., Chang, J.  
2013; 13
  - **Tissue expander with acellular dermal matrix for breast reconstruction infected by an unusual pathogen: Candida parapsilosis** *JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY*  
Fox, P. M., Lee, G. K.  
2012; 65 (10): E286-E289
  - **Supercharged Free Fibula for Complex Ankle Arthrodesis A Case Report** *ANNALS OF PLASTIC SURGERY*  
Fox, P. M., Chou, L., Lee, G. K.  
2012; 68 (4): 342-345
  - **Spontaneous deletion of the methicillin resistance determinant, mecA, partially compensates for the fitness cost associated with high-level vancomycin resistance in Staphylococcus aureus** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Noto, M. J., Fox, P. M., Archer, G. L.  
2008; 52 (4): 1221-1229
  - **Lack of relationship between purine biosynthesis and vancomycin resistance in Staphylococcus aureus: a cautionary tale for microarray interpretation** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Fox, P. M., Climo, M. W., Archer, G. L.  
2007; 51 (4): 1274-1280
  - **Vancomycin-intermediate Staphylococcus aureus strains have impaired acetate catabolism: Implications for polysaccharide intercellular adhesin synthesis and autolysis** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Nelson, J. L., Rice, K. C., Slater, S. R., Fox, P. M., Archer, G. L., Bayles, K. W., Fey, P. D., Kreiswirth, B. N., Somerville, G. A.  
2007; 51 (2): 616-622
  - **Successful therapy of experimental endocarditis caused by vancomycin-resistant Staphylococcus aureus with a combination of vancomycin and beta-lactam antibiotics** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
Fox, P. M., Lampert, R. J., Stumpf, K. S., Archer, G. L., Climo, M. W.  
2006; 50 (9): 2951-2956
  - **The up-regulation of ferritin expression using a small-molecule ligand to the native mRNA** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Tibodeau, J. D., Fox, P. M., Ropp, P. A., Theil, E. C., Thorp, H. H.  
2006; 103 (2): 253-257