



Kellen Chen

Postdoctoral Research Fellow, Plastic and Reconstructive Surgery

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Virginia , Biomedical Engineering (2018)
- Bachelor of Science, University of California, Berkeley , Bioengineering (2013)

Publications

PUBLICATIONS

- **Role of boundary conditions in determining cell alignment in response to stretch** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Chen, K., Vigliotti, A., Bacca, M., McMeeking, R. M., Deshpande, V. S., Holmes, J. W.
2018; 115 (5): 986–91
- **Tissue Engineering of Axially Vascularized Soft-Tissue Flaps with a Poly-(ε-Caprolactone) Nanofiber-Hydrogel Composite** *ADVANCES IN WOUND CARE*
Henn, D., Chen, K., Fischer, K., Rauh, A., Barrera, J. A., Kim, Y., Martin, R., Hannig, M., Niedoba, P., Reddy, S., Mao, H., Kneser, U., Gurtner, et al
2020
- **Multiscale computational model of Achilles tendon wound healing: Untangling the effects of repair and loading** *PLOS COMPUTATIONAL BIOLOGY*
Chen, K., Hu, X., Blemker, S. S., Holmes, J. W.
2018; 14 (12): e1006652