

Stanford



Brooke Krajancich

- Ph.D. Student in Electrical Engineering, admitted Autumn 2018
- Masters Student in Electrical Engineering, admitted Autumn 2019

Bio

HONORS AND AWARDS

- Knight-Hennessy Fellowship, Stanford University (2018)

EDUCATION AND CERTIFICATIONS

- BPhil (hons), University of Western Australia , Electrical engineering & mathematics (2017)

Publications

PUBLICATIONS

- **Factored Occlusion: Single Spatial Light Modulator Occlusion-capable Optical See-through Augmented Reality Display**
Krajancich, B., Padmanaban, N., Wetzstein, G.
IEEE COMPUTER SOC.2020: 1871–79
- **Handheld volumetric manual compression-based quantitative micro-elastography.** *Journal of biophotonics*
Fang, Q., Frewer, L., Zilkens, R., Krajancich, B., Curatolo, A., Chin, L., Foo, K. Y., Lakhiani, D. D., Sanderson, R. W., Wijesinghe, P., Anstie, J. D., Dessauvage, B. F., Latham, et al
2020
- **A Patient-Specific Mixed-Reality Visualization Tool for Thoracic Surgical Planning.** *The Annals of thoracic surgery*
Perkins, S. L., Krajancich, B., Jeffrey Yang, C. F., Hargreaves, B. A., Daniel, B. L., Berry, M. F.
2020
- **Handheld optical palpation of turbid tissue with motion-artifact correction** *BIOMEDICAL OPTICS EXPRESS*
Krajancich, B., Curatolo, A., Fang, Q., Zilkens, R., Dessauvage, B. F., Saunders, C. M., Kennedy, B. F.
2019; 10 (1): 226–41
- **Handheld probe for quantitative micro-elastography.** *Biomedical optics express*
Fang, Q., Krajancich, B., Chin, L., Zilkens, R., Curatolo, A., Frewer, L., Anstie, J. D., Wijesinghe, P., Hall, C., Dessauvage, B. F., Latham, B., Saunders, C. M., Kennedy, et al
2019; 10 (8): 4034–49