

Stanford



Steven Leung

Ph.D. Student in Bioengineering, admitted Autumn 2013

Bio

EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2015)
- BSE, University of Pennsylvania , Bioengineering (2013)

STANFORD ADVISORS

- Kim Pauly, Doctoral Dissertation Advisor (AC)

LINKS

- Personal Website: <http://stevenaleung.com>
- KBP Lab: <http://kbpplab.stanford.edu>
- Stanford RSL: <http://med.stanford.edu/rsl.html>

Research & Scholarship

LAB AFFILIATIONS

- Kim Pauly, Magnetic Resonance Guided Interventions and Focused Ultrasound Lab (6/1/2014)

Publications

PUBLICATIONS

- **Anatomic and Thermometric Analysis of Cranial Nerve Palsy after Laser Amygdalohippocampotomy for Mesial Temporal Lobe Epilepsy.** *Operative neurosurgery (Hagerstown, Md.)*
Huang, Y., Leung, S. A., Parker, J. J., Ho, A. L., Wintermark, M., Patel, S. H., Pauly, K. B., Kakusa, B. W., Beres, S. J., Henderson, J. M., Grant, G. A., Halpern, C. H.
2019
- **A rapid beam simulation framework for transcranial focused ultrasound.** *Scientific reports*
Leung, S. A., Webb, T. D., Bitton, R. R., Ghanouni, P., Butts Pauly, K.
2019; 9 (1): 7965
- **Measurements of the Relationship Between CT Hounsfield Units and Acoustic Velocity and How It Changes With Photon Energy and Reconstruction Method** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
Webb, T. D., Leung, S. A., Rosenberg, J., Ghanouni, P., Dahl, J. J., Pelc, N. J., Pauly, K.
2018; 65 (7): 1111–24