


## Curriculum Vitae

\* Within 3 pages

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### Educational Background

Undergraduate: University of Illinois – Champaign, IL  
 Degree/Major: B.S. Electrical engineering  
 Medical School: University of Chicago – Pritzker School of Medicine  
 Graduate School: University of Washington – Seattle, WA  
 Degree/Department: Ph.D. Bioengineering

### Professional Career

Professor of Medicine  
 Director of Gastrointestinal Endoscopic Surgery  
 Department of Medicine,  
 Division of Gastroenterology and Hepatology  
 Stanford University School of Medicine

### Research Field

- Innovations in endoscopic surgical procedures (3<sup>rd</sup> space endoscopy)
- Early detection and management of gastric cancer
- HIFU for treatment of pancreatic cancer

- 1) Wei MT, Zhou MJ, Li AA, Ofosu A, Hwang JH, Friedland S. Multicenter evaluation of recurrence in endoscopic submucosal dissection and endoscopic mucosal resection in the colon: A Western perspective. *World J Gastrointest Endosc.* 2023 Jun 16;15(6):458-468. doi: 10.4253/wjge.v15.i6.458. PMID: 37397977; PMCID: PMC10308275.
- 2) Huang RJ, Laszkowska M, In H, Hwang JH, Epplein M. Controlling Gastric Cancer in a World of Heterogeneous Risk. *Gastroenterology.* 2023 Apr;164(5):736-751. doi: 10.1053/j.gastro.2023.01.018. Epub 2023 Jan 24. PMID: 36706842; PMCID: PMC10270664.
- 3) Zhou MJ, Singh G, Hwang JH, Ladabaum U. Risk of Proximal Gastrointestinal Cancer after Positive Fecal Immunochemical Test. *Clin Gastroenterol Hepatol.* 2022 Dec 1:S1542-3565(22)01112-0. doi: 10.1016/j.cgh.2022.11.032. Epub ahead of print. PMID: 36464140.
- 4) Khokhlova TD, Wang YN, Son H, Totten S, Whang S, **Hwang JH**. Chronic effects of pulsed high intensity focused ultrasound aided delivery of gemcitabine in a mouse model of pancreatic cancer. *Ultrasonics.* 2023 Jul;132:106993. doi: 10.1016/j.ultras.2023.106993. Epub 2023 Apr 13. PMID: 37099937; PMCID: PMC10225358.
- 5) Li AA, Zhou MJ, Hwang JH. Understanding the Principles of Electrosurgery for Endoscopic Surgery and Third Space Endoscopy. *Gastrointest Endosc Clin N Am.* 2023 Jan;33(1):29-40. doi: 10.1016/j.giec.2022.07.001. PMID: 36375884.
- 6) Huang RJ, Wichmann IA, Su A, Sathe A, Shum MV, Grimes SM, Meka R, Almeda A, Bai X, Shen J, Nguyen Q, Amieva MR, Hwang JH, Ji HP. A spatially mapped gene expression signature for intestinal stem-like cells identifies high-risk precursors of gastric cancer. *bioRxiv [Preprint].* 2023 Sep 22:2023.09.20.558462. doi: 10.1101/2023.09.20.558462. PMID: 37786704; PMCID: PMC10541579.