

Stanford



Robert Huang

Instructor, Medicine - Gastroenterology & Hepatology

CLINICAL OFFICES

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Michelle Hang - Administrative Associate

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Bio

BIO

I am a gastroenterologist who seeks to use both science and clinical practice to improve the prevention, diagnosis, and therapy of digestive malignancies. My clinical practice is focused on the use of advanced endoscopic imaging procedures (such as endoscopic ultrasound, chromoendoscopy, and confocal endomicroscopy) to improve cancer detection, and therapeutic endoscopic procedures to remove or destroy cancer and precancerous lesions.

My research is aimed at improving the diagnosis and management of gastrointestinal malignancies through epidemiology, clinically-impactful biomarkers, understanding genetic bases of cancer risk, and evaluation of next generation sequencing methods for cancer prevention in real-world settings. My research is currently supported by an NIH Mentored Career Development Award (K08CA252635). I have formal pre-doctoral (NIH-Clinical Research Training Program) and post-doctoral (T32DK007056) training in epidemiology and clinical research.

CLINICAL FOCUS

- Gastroenterology
- ERCP, endoscopic ultrasound, luminal stenting, small bowel endoscopy
- gastric cancer, gastric intestinal metaplasia and premalignant lesions

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Gastroenterology & Hepatology
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Diversity Investigator Award, Stanford Department of Medicine (2021)
- Health Disparities Research Institute Scholar, NIMHD (2021)
- K08 Mentored Career Development Award (CA252635), National Cancer Institute (2021)
- Resource Center for Minority Aging Career Development Grant, National Institutes of Aging (P30AG0059304) / Rutgers University (2021)
- Young Physician Leadership Scholar, American College of Gastroenterology (2020)
- North American International Training Grant, American College of Gastroenterology (2019)
- Top Reviewer, Annals of Internal Medicine (2018)
- Chief Fellow, Division of Gastroenterology, Stanford University (2016-2017)
- T32 Institutional Research Training Grant (DK007056), National Institutes of Health (2015-2017)
- William G. Anlyan Scholarship, Duke University School of Medicine (2010)
- NIH-Clinical Research Training Program (CRTP), National Institutes of Health (2009-2010)
- Harvard College Scholar, Harvard College (2003-2005)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Gastroenterology Fellowship (2017) CA
- Residency: Stanford University Internal Medicine Residency (2014) CA
- Board Certification: Gastroenterology, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Residency, Stanford Hospital and Clinics , Internal Medicine (2014)
- Medical Education: Duke University School of Medicine (2011) NC
- M.D., Duke University School of Medicine (2011)
- A.B., Harvard College , Biochemical Sciences, magna cum laude (2007)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Epidemiology

Epidemiology of gastric cancer

Racial and ethnic disparities in gastric cancer

Gastric intestinal metaplasia and other precancerous lesions

Molecular marker development

Microbiome

CLINICAL TRIALS

- The Gastric Cancer Foundation: A Gastric Cancer Registry, Recruiting
- The GAstric Precancerous Conditions Study, Recruiting

PROJECTS

- The Stanford Gastric Precancerous Conditions Study (GAPS)

Publications

PUBLICATIONS

- **The risk of diffuse-type gastric cancer following diagnosis with gastric precancerous lesions: a systematic review and meta-analysis.** *Cancer causes & control : CCC*
Wang, J. E., Kim, S. E., Lee, B. E., Park, S., Hwang, J. H., Huang, R. J.
2021
- **Diverging Patterns of Cardia and Non-Cardia Gastric Adenocarcinoma Incidence by Race and Age in the United States From 2000-2018**
Kim, S., Huang, R. J., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S635-S636
- **Impact of Race and Ethnicity on Risks of Cardia and Non-Cardia Gastric Adenocarcinomas in the US, 2000-2019: A Large Single-Center Retrospective Cohort Study**
Kim, S., Hwang, J., Huang, R. J., Kwon, S., Park, S., Choi, C., Lee, B.
LIPPINCOTT WILLIAMS & WILKINS.2021: S635
- **Improving the Early Diagnosis of Gastric Cancer.** *Gastrointestinal endoscopy clinics of North America*
Huang, R. J., Hwang, J. H.
2021; 31 (3): 503-517
- **Reply to Letter to the Editor.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R., Hwang, J. H.
2021
- **Disaggregated Mortality from Gastrointestinal Cancers in Asian Americans: Analysis of United States Death Records.** *International journal of cancer*
Huang, R. J., Sharp, N., Talamoa, R., Kapphahn, K., Sathye, V., Lin, B., Srinivasan, M., Palaniappan, L. P.
2021
- **Quality metrics in the performance of EUS: a population-based observational cohort of the United States.** *Gastrointestinal endoscopy*
Huang, R. J., Barakat, M. T., Park, W. n., Banerjee, S. n.
2021
- **An Approach to the Primary and Secondary Prevention of Gastric Cancer in the United States.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R. J., Epplein, M., Hamashima, C., Choi, I. J., Lee, E., Deapen, D., Woo, Y., Tran, T., Shah, S. C., Inadomi, J. M., Greenwald, D. A., Hwang, J. H.
2021
- **Pepsinogens and Gastrin Demonstrate Low Discrimination for Gastric Precancerous Lesions in a Multi-Ethnic United States Cohort.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R. n., Park, S. n., Shen, J. n., Longacre, T. n., Ji, H. n., Hwang, J. H.
2021
- **A Summary of the 2020 Gastric Cancer Summit at Stanford University.** *Gastroenterology*
Huang, R. J., Koh, H., Hwang, J. H., Summit Leaders, Abnet, C. C., Alarid-Escudero, F., Amieva, M. R., Bruce, M. G., Camargo, M. C., Chan, A. T., Choi, I. J., Corvalan, A., Davis, J. L., et al
2020
- **A case-control study of risk factors for advanced gastric intestinal metaplasia in a multiethnic United States population (The Stanford GAPS Study)**
Huang, R. J., Park, S., Chitre, T., Shen, J., Longacre, T., Ha Hwang, J.
AMER ASSOC CANCER RESEARCH.2020
- **Regional disparities in gastric cancer survival in the United States: An observational cohort study of the Surveillance Epidemiology and End Results Program, 2004-2016**
Huang, R., Hsing, A., Palaniappan, L., Hwang, J.
AMER ASSOC CANCER RESEARCH.2020
- **Disaggregation of gastric cancer risk Between Asian American subgroups**
Huang, R. J., Hwang, J., Hsing, A., Palaniappan, L.

AMER ASSOC CANCER RESEARCH.2020

- **County Rurality and Socioeconomic Deprivation is Associated with Reduced Survival from Gastric Cancer in the United States.** *Gastroenterology*
Huang, R. J., Shah, S. C., Camargo, M. C., Palaniappan, L., Hwang, J. H.
2020
- **The Management of Gastric Intestinal Metaplasia in the United States - A Controversial Topic.** *Gastroenterology*
Huang, R. J., Hwang, J. H.
2020
- **Goff Septotomy Is a Safe and Effective Salvage Biliary Access Technique Following Failed Cannulation at ERCP.** *Digestive diseases and sciences*
Barakat, M. T., Girotra, M., Huang, R. J., Choudhary, A., Thosani, N. C., Kothari, S., Sethi, S., Banerjee, S.
2020
- **Single cell genomic characterization reveals the cellular reprogramming of the gastric tumor microenvironment.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Sathe, A. n., Grimes, S. M., Lau, B. T., Chen, J. n., Suarez, C. n., Huang, R. J., Poultides, G. A., Ji, H. P.
2020
- **One Size Does Not Fit All: Marked Heterogeneity in Incidence of and Survival from Gastric Cancer among Asian American Subgroups.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Huang, R. J., Sharp, N. n., Talamoa, R. O., Ji, H. P., Hwang, J. H., Palaniappan, L. P.
2020
- **Risk of ambulatory colonoscopy in patients with cirrhosis: a propensity-score matched cohort study.** *Endoscopy international open*
Huang, R. J., Banerjee, S. n., Friedland, S. n., Ladabaum, U. n.
2020; 8 (10): E1495–E1501
- **Risk Factors for Advanced Gastric Intestinal Metaplasia in a Multi-Ethnic United States Cohort**
Huang, R., Park, S., Chitre, T., Shen, J., Longacre, T., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2019: S689–S690
- **Disaggregation of Gastric Cancer Risk Between Asian American Subgroups**
Huang, R., Hwang, J., Palaniappan, L.
LIPPINCOTT WILLIAMS & WILKINS.2019: S688–S689
- **Diagnosis and Management of Gastric Intestinal Metaplasia: Current Status and Future Directions.** *Gut and liver*
Huang, R. J., Choi, A. Y., Truong, C. D., Yeh, M. M., Hwang, J. H.
2019
- **A Chance to Cut Is a Chance to Cure: Endoscopic Submucosal Dissection for Early Gastric Cancer** *DIGESTIVE DISEASES AND SCIENCES*
Huang, R. J., Charville, G. W., Hwang, J., Friedland, S.
2019; 64 (5): 1129–32
- **Unplanned Hospital Encounters After Endoscopic Retrograde Cholangiopancreatography in 3 Large North American States** *GASTROENTEROLOGY*
Huang, R. J., Barakat, M. T., Girotra, M., Lee, J. S., Banerjee, S.
2019; 156 (1): 119+
- **ASGE review of adverse events in colonoscopy.** *Gastrointestinal endoscopy*
Kothari, S. T., Huang, R. J., Shaikat, A. n., Agrawal, D. n., Buxbaum, J. L., Abbas Fehmi, S. M., Fishman, D. S., Gurudu, S. R., Khashab, M. A., Jamil, L. H., Jue, T. L., Law, J. K., Lee, et al
2019
- **Prevalence, Risk Factors, and Surveillance Patterns for Gastric Intestinal Metaplasia Among Patients Undergoing Upper Endoscopy with Biopsy.** *Gastrointestinal endoscopy*
Huang, R. J., Ende, A. R., Singla, A. n., Higa, J. T., Choi, A. Y., Lee, A. B., Whang, S. G., Gravelle, K. n., D'Andrea, S. n., Bang, S. J., Schmidt, R. A., Yeh, M. M., Hwang, et al
2019
- **Routine gastric biopsies: Should we be doing more?** *Gastrointestinal endoscopy*

- Huang, R. J., Hwang, J. H.
2019; 89 (6): 1150–51
- **Recent Trends and the Impact of the Affordable Care Act on Emergency Department Visits and Hospitalizations for Gastrointestinal, Pancreatic, and Liver Diseases.** *Journal of clinical gastroenterology*
Barakat, M. T., Mithal, A., Huang, R. J., Sehgal, A., Sehgal, A., Singh, G., Banerjee, S.
2018
 - **Unplanned Hospital Encounters Following Endoscopic Retrograde Cholangiopancreatography in 3 Large American States.** *Gastroenterology*
Huang, R. J., Barakat, M. T., Girotra, M., Lee, J. S., Banerjee, S.
2018
 - **Chronic pancreatitis changes in high-risk individuals for pancreatic ductal adenocarcinoma.** *Gastrointestinal endoscopy*
Thiruvengadam, S. S., Chuang, J., Huang, R., Girotra, M., Park, W. G.
2018
 - **NO INCREASED RISK OF POST-PROCEDURAL UNPLANNED HOSPITAL ENCOUNTERS FOLLOWING AMBULATORY COLONOSCOPY IN PATIENTS WITH CIRRHOSIS: A POPULATION-LEVEL, COHORT-CONTROLLED STUDY.**
Huang, R. J., Barakat, M. T., Friedland, S., Banerjee, S.
MOSBY-ELSEVIER.2018: AB91–AB92
 - **RISK OF POST-PROCEDURAL UNPLANNED HOSPITAL ENCOUNTERS FOLLOWING ENDOSCOPIC ULTRASOUND WITH FINE-NEEDLE ASPIRATION OF THE PANCREAS: A POPULATION-LEVEL, PROPENSITY-SCORE CONTROLLED COHORT STUDY**
Huang, R. J., Barakat, M. T., Park, W. G., Banerjee, S.
MOSBY-ELSEVIER.2018: AB107–AB108
 - **Video-based performance assessment in endoscopy: Moving beyond "see one, do one, teach one"?** *GASTROINTESTINAL ENDOSCOPY*
Huang, R. J., Limsui, D., Triadafilopoulos, G.
2018; 87 (3): 776–77
 - **A Chance to Cut Is a Chance to Cure: Endoscopic Submucosal Dissection for Early Gastric Cancer.** *Digestive diseases and sciences*
Huang, R. J., Charville, G. W., Hwang, J. H., Friedland, S. n.
2018
 - **Practice Patterns for Cholecystectomy Following Endoscopic Retrograde Cholangio-Pancreatography for Patients With Choledocholithiasis.** *Gastroenterology*
Huang, R. J., Barakat, M. T., Girotra, M., Banerjee, S.
2017
 - **The Gastroenterology Fellowship Match: A Decade Later.** *Digestive diseases and sciences*
Huang, R. J., Triadafilopoulos, G., Limsui, D.
2017; 62 (6): 1412-1416
 - **Evolution in the utilization of biliary interventions in the United States: results of a nationwide longitudinal study from 1998 to 2013.** *Gastrointestinal endoscopy*
Huang, R. J., Thosani, N. C., Barakat, M. T., Choudhary, A., Mithal, A., Singh, G., Sethi, S., Banerjee, S.
2017
 - **Adenosine triphosphate bioluminescence for bacteriological surveillance and reprocessing strategies for minimizing risk of infection transmission by duodenoscopes.** *Gastrointestinal endoscopy*
Sethi, S., Huang, R. J., Barakat, M. T., Banaei, N., Friedland, S., Banerjee, S.
2016
 - **Colonoscopy with polypectomy is associated with a low rate of complications in patients with cirrhosis.** *Endoscopy international open*
Huang, R. J., Perumpail, R. B., Thosani, N., Cheung, R., Friedland, S.
2016; 4 (9): E947-52
 - **Response.** *Gastrointestinal endoscopy*
Huang, R. J., Draper, K. V., Gerson, L. B.
2015; 81 (3): 777-?

- **Colonic plasmacytomas: a rare complication of plasma cell leukemia.** *Endoscopy*
Hang, C. T., Perumpail, R. B., Huang, R. J., Fernandez-Pol, S., Fernandez-Becker, N. Q.
2015; 47: E77-8
- **Locally advanced gastric cancer complicated by mesenteric invasion and intestinal malrotation.** *Digestive diseases and sciences*
Huang, R. J., Visser, B. C., Chen, A. M., Ladabaum, U.
2014; 59 (2): 267-269
- **Manometric abnormalities in the postural orthostatic tachycardia syndrome: a case series.** *Digestive diseases and sciences*
Huang, R. J., Chun, C. L., Friday, K., Triadafilopoulos, G.
2013; 58 (11): 3207-3211
- **Acute Fulminant Hepatic Failure Associated with Parvovirus B19 Infection in an Immunocompetent Adult** *DIGESTIVE DISEASES AND SCIENCES*
Huang, R. J., Varr, B. C., Triadafilopoulos, G.
2012; 57 (11): 2811-2813