

JIAJIN "JANE" YAN

2025

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Education

Karolinska Institute (Stockholm, SE)

- M.S. Medical Sciences (2020)

Master's thesis: "Body-mind connection: The association between physical performance measurement (PPM), cognitive impairment, and dementia among older adults."

Xiamen University (Xiamen, CN)

- B.M. Medical Sciences, GPA 3.47/4 (2019)

Bachelor's thesis: "The association between adverse childhood experience (ACE), mid-life depression and late-life dementia."

The First High School in Jincheng (Jincheng, CN)

- High School Diploma (2014)

Freestanding courses: Biostatistics 1-IV (2020 - 2023), Fundamentals in Biostatistics (2023), R Programming

Appointment

Karolinska Institute, Institute of Environmental Medicine
Statistician (September 2020 - present)

Awards

Honor for the bachelor's thesis dissertation, Xiamen University
Chang-Qing (Long-live) Scholarship
Gold Medal in the International Genetically Engineered Machine

Research Project

Yan, J. et al. "History of Premenstrual Disorders, Lifestyle Factors, and Risk of Perinatal Depression: A National-Register Based Study." (manuscript submitted)

Conference Presentations

Society for Epidemiologic Research, Boston, MA, USA (2025)

European Congress of Psychiatry, Madrid, Spain (2025)

iGEM 2016 Grand Jamboree, Boston, MA, USA (2016)

Professional/Research Experience

Women's Mental Health Epidemiology (Karolinska Institute, SE)
Statistician/Research Assistant (2024 – 2025)

Division of Biostatistics (Karolinska Institute, SE)
Statistician (2020 – 2025)

Center for Disease Control and Prevention (Xiamen, CN)
Student Intern (2018)

The First Affiliated Hospital of Xiamen University (Xiamen, CN)
Clinical Intern (2017)

Lab of Health Economics (Xiamen University, CN)
Research Assistant (2016 – 2019)

iGEM Synthetic Biology Competition 2016 (Boston, MA, USA)
Student Investigator, School team representative (2016)

Selected Publications

Wiklund, A-K. et al. "Risk of Gastric Adenocarcinoma After Eradication of Helicobacter pylori". *Gastroenterology*, 169 (2025): 244-250. [Link](#)

Harlow, B. L. et al. "The Association Between Urological Conditions Across the Life Course and Provoked Vulvodynia". *J Women's Health*, 34 (2025): 918-923. [Link](#)

Harlow, B. L. et al. "Psychiatric morbidity across the life course and provoked vulvodynia: is it dependent upon the presence of non-stress-related immune dysfunction?". *Journal of Sexual Medicine*, 21 (2024): 800-806. [Link](#)

Wiklund, A-K. et al. "Risk of Esophageal Adenocarcinoma After Helicobacter pylori Eradication Treatment in a Population-Based Multinational Cohort Study". *Gastroenterology*, 167 (2024): 485-492. [Link](#)

Persson, J. et al. "PCI or CABG for left main coronary artery disease: the SWEDEHEART registry". *European Heart Journal*, 44 (2023): 2833-2842. [Link](#)

Harlow, B. L. et al. "The Association Between Immune-Related Conditions Across the Life-Course and Provoked Vulvodynia". *Journal of Pain*, 24 (2023): 1415-1422. [Link](#)

Pettersson, A-K. et al. "Cohort profile: Nordic Helicobacter pylori eradication project (NordHePEP)". *Scandinavian Journal of Gastroenterology*, 58 (2023): 453-459. [Link](#)

Extracurriculars

Artworks (March 2024 – March 2025)

Skills

Statistical Analysis: Linear Regression, Logistic Regression, Poisson Regression, Marginal Structural Modelling, Survival Analysis

Epidemiological Analysis: Causal Inference, Classification, Qualitative Analysis, Quantitative Bias Analysis

Programming: R Programming, Stata Programming

Software: Microsoft Office 365, Adobe Creative Cloud

Language: English (fluent), Swedish (beginner), Chinese (native)