

**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)