Jiajin (Jane) Yan

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Contact

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Education

Degrees:

- The First High School in Jincheng (Jincheng, CN) – High School Diploma (July 2014)
- Xiamen University (Xiamen, CN) – B.M. Medical Sciences, GPA 3.47 (July 2019)
- Karolinska Institutet (Stockholm, SE) – M.S. Medical Sciences (July 2020)

Freestanding Courses:

- Fundamentals in Biostatistics, Biostatistics I-IV (2020 – 2023)
- Introduction to Social Anthropology (Oxford Online) (2022)
- Education verification of M.D. education (Legit. 7.1.3-14076/2023) (2023)
- Data Analysis with R Programming (Coursera | Google) (2025)

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

Hagström, H. et al. "Improved prediction of 10-year risk of severe liver disease in the general population using commonly available biomarkers". Alimentary Pharmacology & Therapeutics, 57 (2023): 418-425. Link

Project

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

Awards

Honor for the Bachelor Thesis Dissertation, Xiamen University (2019)
Best Project in the College Student Innovation, Xiamen University (2017)
Gold Medal in iGEM International Genetically Engineered Machine (2016)

Professional/Research Experience
Division of Biostatistics (Karolinska Institutet)
Biostatistician (2020 – 2025)

Women's Mental Health Epidemiology (Karolinska Institutet)
Statistician/Research Intern (October 2024 – September 2025)

Research School for Clinicians in Epidemiology (KI – Region Stockholm)
Teaching Assistant (April 2023, November 2023, April 2025)

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

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

Clinical Medicine in Preventive Medicine Program (Xiamen University)
Teaching Assistant (September 2017 – February 2018)

Texas A&M University School of Public Health (College Station, TX, USA)
Summer School (2017)

Lab Public Health Economics and Policy (Xiamen University)
Research Intern (2016 – 2019)

iGEM Synthetic Biology Competition 2016 (Xiamen, CN, Boston, MA, USA)
Research Intern, School team representative (2016)

Lab Occupational Health and Cell Biology (Yongxing Zhang (retired), Xiamen University)
Research Intern (2014 – 2016)

Presentations
Society for Epidemiologic Research, Boston, MA, USA (2025)
European Congress of Psychiatry, Madrid, Spain (2025)
iGEM 2016 Grand Jamboree, Boston, MA, USA (2016)

Extracurriculars
Artwork archives, Literary review (March 2024 – March 2025)

Skills
Statistics: ordinary regression, network analysis, model cross-validation, conditional regression, descriptive statistics, statistics modules
Quantitative analysis: heatmap, causal inference, quantitative bias analysis
Programming: Stata, R, Latex, MATLAB
Image analysis: PCR, western-blot, cell culture
Language: English (fluent), Chinese
Other: Adobe Photoshop