

# Jiajin Yan

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## Education

### Karolinska Institutet

MS, Global Health

Thesis: "Body-mind connection: the association between physical performance measurement (PPM), cognitive impairment, and dementia among older adults."

Stockholm, SE

July 2020

### Xiamen University

BM, Preventive Medicine

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

Xiamen, CN

July 2019

### The First High School in Jincheng

High School Diploma

Jincheng, CN

June 2014

## Areas of Research

Causation Theory

Bias Analysis

Sensitivity Analysis

Alzheimer's Disease

Vulvodynia

Perinatal Depression

Synthetic Biology

Tumor Biology

Formal System

## Professional/Research Experiences

[Women's Mental Health Epidemiology](#), Karolinska Institutet  
Statistician/Research Assistant

Stockholm, SE

Oct 2024 – Dec 2025

[Division of Biostatistics](#), Karolinska Institutet  
Statistician

Stockholm, SE

Sep 2020 – Dec 2025

[Center for Disease Control and Prevention](#)  
Public Health Professional Internship

Xiamen, CN

2018

[The First Affiliated Hospital of Xiamen University](#)  
Clinical Training

Xiamen, CN

2017

[Lab of Health Economics](#), Xiamen University  
Research Assistant

Xiamen, CN

2016 – 2019

[iGEM Synthetic Biology Competition 2016](#)  
Student Investigator, School Team Representative

Boston, MA, USA

2016

## Selected Honors and Awards

|  |      |
|--|------|
| Honor for the bachelor's thesis dissertation                   | 2019 |
| Excellent student leadership                                   | 2018 |
| Chang-qing (Long-live) scholarship                             | 2017 |
| Gold medal in the International Genetically Engineered Machine | 2016 |

## **Work in Progress**

Yan, J. et al. "History of Premenstrual Disorders, Lifestyle Factors, and Risk of Perinatal Depression: A National-Register Based Study." Manuscript submitted in winter 2025.

Yan, J. "Evaluate John Seale's Argument for the Distinction Between Syntax and Semantics." Article Manuscript in progress, to be submitted for publication in winter 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". Journal of 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](#)

## **Presentations**

"Premenstrual disorder (PMD), lifestyle factors, and perinatal depression (PND)." Society for Epidemiologic Research, Boston, MA, USA (June 10, 2025)

"To combat drug-resistant bacteria by our engineered bacteria." iGEM 2016 Grand Jamboree, Boston, MA, USA (October 29, 2016)

## **Extracurriculars**

[Artworks](#) "Page 1028" (Mar 2024 – Mar 2025)

## **Skills**

- Proficient in statistical analysis and software (R and Stata)
- Advanced data management in complex data, e.g. multigenerational cohort
- Intermediate skills in sequencing and cell culture and related bioinformatics software
- Professional in Microsoft office and Adobe creative cloud
- Advanced English, Native Chinese, Swedish (basic)