

## Katharine M. BARRY

Paris, France ✉ : [katharine.barry@iplesp.upmc.fr](mailto:katharine.barry@iplesp.upmc.fr)

Data whisperer with over 5 years of experience in social epidemiology and health economics research. Main interests include using advanced statistical models and machine learning techniques to find associations and patterns between social inequalities and mental health outcomes.

### EDUCATION

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- 2021 - present** **Sorbonne University Paris, France**  
PhD in Social Epidemiology
- 2018 - 2020** **French School of Public Health (Ecole des Hautes Etudes en Santé Publique)** Paris, France  
Master of Public Health (MPH) : Speciality: Biostatistics and Epidemiology
- 2014 - 2018** **University of Georgia** Athens, Georgia (U.S.A.)  
Bachelor of Science, Health Promotion and Disease Prevention  
Certificate: Global Health Overall GPA 3.91/4.0 Summa Cum Laude
- 2017** **Kumamoto University** Kumamoto, Japan  
Public Health, Culture, and Aging Issues in Japan Study Abroad
- 2017** **Institut Polytechnique La Salle** Beauvais, France  
Cooking for Chronic Diseases Summer Exchange Program
- 2015** **Collegiate Adventures** El Jadida, Morocco  
Moroccan Arabic and Islamic History Study Abroad

### PROFESSIONAL EXPERIENCE

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- 2021 - Present** **Doctoral Student:** Sorbonne University - Paris, France  
Subject: The impact of family policies on mental health of parents and children
- 2020 - 2021** **Junior Epidemiologist:** INSERM U1136, IPLSEP - Paris, France
- 2020** **Social Epidemiology Research Intern :** INSERM U1136, IPLESP - Paris, France  
Title: *Adolescent cannabis experimentation and unemployment in young to mid-adulthood: Results from the French TEMPO Cohort study*
- 2019 - 2020** **Research Assistant :** École des Hautes Études en Santé Publique -Paris, France  
Title: *Cost Effectiveness of Lifestyle Related Interventions for Primary Prevention of Breast Cancer: A Rapid Systematic Review*
- 2018** **Outreach Coordinator Intern:** Shakti Women's Aid-Edinburgh, Scotland
- 2017-2018** **Research Assistant:** University of Georgia College of Public Health -Athens, Georgia  
Title: *Evaluating the Preliminary Efficacy of Be a Watch Dawg, a Sexual Violence Prevention Social Media Marketing Campaign at the University of Georgia*
- 2016-2018** **Research Assistant:** University of Georgia College of Public Health -Athens, Georgia  
Title: *Systematic Review of HIV treatment cost-effectiveness among mothers and infants in low and middle-income countries – University of Georgia, 2018*

### PUBLICATIONS

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*Adolescent cannabis experimentation and unemployment in young to mid-adulthood: Results from the French TEMPO Cohort study* – *Journal of Drug and Alcohol Dependence*, January 2022, <https://doi.org/10.1016/j.drugalcdep.2021.109201>. Katharine Barry et al.

*Prenatal Anxiety Biomarkers: A Systematic Review* – *Journal of Affective Disorders* – September 2021 Ketevan Marr; Anna Yermachenko; Katharine Barry; Muriel Koehl; Florence Gressier; Judith van der Waerden – In Press

*Cost-Effectiveness of Lifestyle-Related Interventions for the Primary Prevention of Breast Cancer: A Rapid Review* – *Frontiers in Medicine*, February 2020. <https://doi.org/10.3389/fmed.2019.00325>  
Martine Bellanger, Katharine Barry, Jewel Rana and Jean-Philippe Regnaud

*Evaluating the Preliminary Efficacy of Be a Watch Dawg, a Sexual Violence Prevention Social Media Marketing Campaign at the University of Georgia* – University of Georgia, 2018

## AWARDS

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**2018 -2020 Global Grant Scholar** (Rotary International)

**2017 Presidential Scholar** (University of Georgia)

**2018 Health Promotion and Behavior Undergraduate Recognition Award** (University of Georgia)

**2014-2018 Dean's list** (University of Georgia)

**2017 Best delegate** (mock World Health Organisation)

**2014-2018 HOPE Scholarship**

**2014-2018 Zell Miller Scholarship**

## LANGUAGES

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- English: Native
- French: Advanced (C1)

## SKILLS

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- Statistical Software: SAS, R, STATA, Python, nVIVO and Datashield
- Research, Data visualization and Data Analysis
- Data Management
- Scientific writing
- Statistical Models: Regression Models (logistic and linear), Multiple Imputation using Fully Conditional Specification (FCS), Generalized Estimating Equation Model (GEE), Generalized Boosting Model (GBM), Propensity Scores (PS), Inverse Probability Weights (IPW) and Mixed Effect model Meta-Analyses

## INTERESTS

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English boxing, salsa dancing, creating spotify playlists, watching old Law and Order: SVU shows