

**TECHNICAL SKILLS**

- Python (NumPy, pandas, scikit-learn, matplotlib, statsmodels), Excel (Advanced), Statistical Analysis, Time Series Analysis, Financial Modeling, Monte Carlo Simulation, Portfolio Optimization, Risk Metrics (VaR, CVaR), Experimental Design, Data-Driven Decision Making, Communicating Technical Concepts, Collaborative Problem-Solving
- Certifications and Licenses: Certificate in Quantitative Finance (CQF)

**EDUCATION****FORDHAM UNIVERSITY, GABELLI SCHOOL OF BUSINESS**

New York, NY

**MS, Quantitative Finance**

August 2025 - December 2026

- Relevant Coursework: Machine Learn & Econometrics, Time Series Econometrics, Advanced Python (AI), Deep Learning, Machine Learning for Business, Financial Markets & Modeling
- Honors and Awards: Dean's Scholar
- Fordham Quantitative Finance Society, Fordham Women in Business, Fordham Investments Club, Fordham Capital Markets Club

**TRINITY COLLEGE DUBLIN**

Dublin, IE

**BA (Hons) Psychology, First Class Honours (highest distinction; US GPA Equivalent 3.8-4.0)**

September 2021 - May 2025

- Relevant Coursework: Statistics & Methodology I-III, Research Skills & Methodology I-II, Principles of Macroeconomics, Principles of Microeconomics, Physics I-II

**EXPERIENCE****Math Tutor**

May 2020 - Present

- Tutored 15+ middle school, high school, and college students in algebra, geometry, calculus, and standardized test prep, maintaining long-term tutoring relationships with several students
- Conducted weekly 1:1 sessions tailored to individual learning needs, resulting in stronger problem-solving skills and academic confidence
- Developed custom lesson plans & practice material to reinforce classroom instruction & equip students for exams, leveraging interactive online platforms

**TRINITY CENTRE FOR GLOBAL HEALTH**

Dublin, IE

**Youth Co-Researcher**

October 2022 - August 2025

- Conducted data extraction and analysis across 1000+ documents using Excel and NVivo, contributing to peer-reviewed publications
- Coproduced 5+ qualitative research projects focused on adolescent health and youth participation in evidence syntheses
- Delivered presentations of key findings at internal 3+ symposiums & collaborated on best-practice guidelines
- Chaired youth-led discussions to ensure adolescent perspectives were integrated into global health research agendas
- Aligned with an international, cross-disciplinary team of 20+ researchers to translate findings into actionable recommendations

**LITTLE IVY ACADEMY**

Ridgewood, NJ

**Summer Camp Counselor**

May 2023 - September 2023

- Supervised and mentored 30+ children ages 6-12 in STEM, arts, and outdoor activities, ensuring a safe and engaging camp environment
- Led daily group projects & team-building exercises, fostering collaboration, problem-solving, & creativity among campers
- Communicated with parents and staff to track camper progress and resolve challenges, supporting growth and positive camp experiences

**PUBLICATIONS**

Warratitch, A., Wacker, C., Biju, S., Lee, M., Bruce, D., Curran, P., Khraisha, Q., & Hadfield, K. (2024). Positive impacts of adolescent involvement in health research: An umbrella review. *Journal of Adolescent Health*, 75(2), 218-230.  
<https://doi.org/10.1016/j.jadohealth.2024.02.029>

Warratitch, A., Wacker, C., Bruce, D., Bourke, A., & Hadfield, K. (2024). A rapid review on the involvement of adolescents in health research. *Health Expectations*, 27(3), e14058. <https://doi.org/10.1111/hex.14058>

Warratitch, A., Wacker, C., Buckley, E., Bourke, A., & Hadfield, K. (2024). How to address the barriers to meaningful adolescent involvement in health research: A qualitative study. *Journal of Research on Adolescence*, 34(4), 1626-1641. <https://doi.org/10.1111/jora.13031>