

CIARA WACKER

M.S. QUANTITATIVE FINANCE

CONTACT

+1 (201) 394-5759

ciarawacker@ciarawacker.com

Emerson, NJ

www.ciarawacker.com

PROFILE SUMMARY

M.S. Quantitative Finance candidate with research experience in statistical analysis and data modeling, seeking opportunities in financial risk management, quantitative analysis, or trading. Combines strong technical skills with collaborative research experience and proven leadership abilities.

EDUCATION

FORDHAM GABELLI SCHOOL OF BUSINESS

Entering August 2025

- M.S. Quantitative Finance
- Awarded the Dean's Scholarship

TRINITY COLLEGE DUBLIN

September 2021 - May 2025

- First Class Honours, BA (Hons) Psychology
- Relevant Coursework: Statistics & Methodology I, II, III (First Class Honours)

SKILLS

- Programming & Software:** Python (NumPy, pandas, scikit-learn, matplotlib, statsmodels), Excel (Advanced)
- Quantitative Methods:** Statistical Analysis, Time Series Analysis, Financial Modeling, Monte Carlo Simulation, Stochastic Processes, Quantitative Research, Portfolio Optimization, Risk Metrics (VaR, CVaR)
- Research & Communication:** Quantitative Research Design, Critical Thinking, Data-Driven Decision Making, Communicating Complex Data to Diverse Audiences, Collaborative Problem Solving

CERTIFICATES

CERTIFICATE IN QUANTITATIVE FINANCE (CQF)

Expected June 2025

- Coursework and examinations completed; final project anticipated June 2025
- Core Competencies: Quantitative Risk Management, Derivatives Pricing, Fixed Income Analysis, Data Science & Machine Learning.

WORK EXPERIENCE

Trinity Centre for Global Health

Youth Co-Researcher

OCTOBER 2022-
PRESENT

- Conducted data extraction, statistical analysis, and manuscript development for peer-reviewed research.
- Co-authored publications in respected journals.
- Presented research findings and contributed to guideline development for adolescent involvement in research.

PUBLICATIONS

- Warraitch, 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>
- Warraitch, 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>
- Warraitch, 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>
- Warraitch, A., Sulowska, M., Wacker, C., Lee, M., Bruce, D., Hernon, J., Khraisha, Q., & Hadfield, K. (2025). Involving adolescents in evidence syntheses: An umbrella review. *Systematic Reviews*, 14, <https://doi.org/10.1186/s13643-025-02815-1>
- Warraitch, A., Lee, M., Bruce, D., Curran, P., Khraisha, Q., Wacker, C., Hernon, J., & Hadfield, K. (2024). An umbrella review of reviews on challenges to meaningful adolescent involvement in health research. *Health Expectations*, 27(1), e13980. <https://doi.org/10.1111/hex.13980>
- Warraitch, A., Reynolds, M., Pidgeon, D., Wacker, C., Hadfield, K., & Bourke, A. (in progress). Ethical considerations for participatory research with children and adolescents in bullying research: A rapid review. Manuscript in preparation. OSF.

LEADERSHIP & ACTIVITIES

DU Dance Society

2024 - 2025

Workshop Officer

Trinity Intervarsity Dance Team

2023 - 2025

Competitive Dancer

DU International Student Society

2022 - 2024

Public Relations Officer