

Timothy Lambden

Cambridge / London

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Education

- **Cambridge University, NanoDTC** **Cambridge**
MRes + PhD in Nanoscience and Nanotechnology, October 2021 – present
Electron Microscopy Group
PhD Project: "Imaging beam sensitive materials with Cryo-STEM"
- **University College London** **London**
MSci Natural Sciences, First Class Honours September 2016–June 2020
Pathways: Condensed Matter Physics and Molecular Cell Biology.
Thesis: "Investigating ferroelectric properties of Hafnium Dioxide"
- **McGill University** **Montreal**
Exchange Student, Physics major September 2018–May 2019

Research Experience

- **Cambridge Institute for Medical Research** **Cambridge**
Observing single proteins being secreted from living cells February 2022–April 2022
- **Cavendish Laboratory** **Cambridge**
Molecular doping of lead halide perovskites December 2021–February 2022
- **Yusuf Hamied Department of Chemistry** **Cambridge**
Phase Analysis in Liquid Liquid phase separation January 2021–July 2021
- **London Centre for Nanotechnology** **London**
Investigating Ferroelectric properties of Hafnium Dioxide September 2019–March 2020
- **MRC Laboratory of Molecular Biology** **Cambridge**
Sample preparation for electron cryomicroscopy, Russo lab May 2019–September 2019
- **MRC Laboratory of Molecular Cell Biology** **London**
Localized tissue fluidity promotes epithelial wound healing, Mao Lab May 2018–August 2018
- **University College London, Division of Biosciences** **London**
Research Assistant, VR:CELL November 2016–March 2017

Teaching + Science Outreach

- **Cambridge Higher Aspirations Scheme (December 2022 - present):** 'Nanoscience tutor'
- **Cambridge Tutor at Trinity College (October 2022 - present):** 'Part 1A NatSci tripos'
- **NanoCDT (June 2019 - June 2020):** 'Nanoscience Ambassador'
- **Royal Society: Summer Exhibition (July 2019):** 'Science Communicator'
- **Royal Institution (January 2018 - Present):** 'Science Outreach volunteer'
- **UCL Changemakers (January 2018 - March 2018):** 'Student reviewer'
- **Netley Centre for Autism (December 2017 - March 2018):** 'Reachout Mentor'

Technical skills

- **Programming and computational skills:**
Experienced with Python and LaTeX in a research setting.
Experienced with Arduino electronics and SolidWorks design software.