

Timothy Lambden

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Education

- **Cambridge University, NanoDTC** **Cambridge**
MRes + PhD in Nanoscience and Nanotechnology, Deferred *October 2021–2025*
- **University College London** **London**
MSci Natural Sciences, 77.5%, First Class Honours *September 2016–June 2020*
Pathways: Condensed Matter Physics and Molecular Cell Biology.
Thesis: "Investigating ferroelectric properties of Hafnium Dioxide", London Centre for Nanotechnology
- **McGill University** **Montreal**
Exchange Student, Physics major, 3.50 Average GPA *September 2018–May 2019*
Included three graduate modules on Solid State Physics and Advanced Biophysics
- **Collingham College** **London**
A-levels: Physics (A*), Chemistry (A*), Maths (A) *2015–2016*

Research Experience

- **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 *May 2019–September 2019*
- **MRC Laboratory of Molecular Cell Biology** **London**
Localized tissue fluidity promotes epithelial wound healing *May 2018–August 2018*
- **University College London, Division of Biosciences** **London**
Research Assistant, VR:CELL *November 2016–March 2017*

Volunteering

- **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, LaTeX and MATLAB in a research setting. MATLAB Coding project: 'Analysing Vaccinia Virus Morphology with Machine Learning'
Experienced with Arduino electronics and Solid works Modelling software.
- **Extra-curricular Activities:**
UCL Taekwondo (LUSL heavyweight November 2016 Gold). UCL table tennis society (Operations manager 2017-2018). Keen Road Cyclist, and enjoy Photography and baking in my spare time.