

Ellie Bennett

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Education

2016 – Present

Columbia University in the City of New York

Ph.D. Candidate in Chemistry (expected 2021)

Research Advisor: Prof. Jonathan S. Owen

2012 – 2016

Churchill College, University of Cambridge

BA Hons Natural Sciences

M.Sc. Natural Sciences

2015-2016

2.1; Chemistry Part III: Project in Inorganic Materials

Advisors: Prof. Clare Grey, Dr Michael Gaultois and Dr Sylvia Britto

2014-2015

2.1; Chemistry Part II: Organic, Inorganic and Physical courses

2013-2014

2.1; Part IB: Chemistry and Materials Science

2012-2013

1; Part IA: Chemistry, Materials Science, Mathematics and Physics

2008 – 2012

Hind Leys College, Shephed

2010-2012

A Levels: Mathematics (A), Further Mathematics (A*), Physics (A*), Chemistry(A*), German AS (B)*

2008-2010

GCSEs 10 subjects (9 at grade A) including English and Maths*

Research Experience

2015 – 2016

Part III Project: Developing Cathode Materials, University of Cambridge

NbS₂ as a Cathode Material: A Study into the Relationship Between Defects and Electrochemical Behaviour

Working in the Grey Group, Chemistry Department, University of Cambridge. Practical experience: Glove Box, Power XRD, *in situ* cell cycling and XRD, solid state synthesis techniques, electrochemical tests. Software experience: PANalytical Highscore, QTgrace, Topas

07-09/2014

Summer Research Project: In-situ Solidification Process of the B206 Aluminium Alloy, Technische Universität Wien

With sponsorship from The Worshipful Company of Armourers and Braisers. Experience living and working abroad in a professional environment, improved German language skills. Improved computing skills and gained software experience including ImageJ, FIJI, OriginPro8, Avizo.

Awards and Prizes

2014	Highly Commended, Worshipful Company of Armourers and Braisers' European Placement Prize Runner-up for research project undertaken at Technische Universität Wien. Recommendation based upon technical report and reference from host institution.
2013-present	Churchill College Scholar Awarded for achieving a first class result in University Examinations

Additional Skills and Interests

Driving	Full clean UK driving licence, 2012-present
Languages	Intermediate German – AS level, experience working in Austria
Computing	Experienced with MS Excel and word, can pick up new software quickly
Leadership	Member of Churchill Students – Future Leaders programme, competitive course designed to enhance skills including leadership and communication
Sport	Represented Churchill College in Football, Rugby and Ultimate Frisbee.

Referees

Referees' details are available on request