

Speaker Biographies

Professor Louise Archer joined UCL Institute of Education as the Karl Mannheim Professor of the Sociology of Education in 2017. Her research focuses on educational identities and inequalities of 'race'/ethnicity, social class and gender. Louise is the Principal Investigator of two large national research projects: Aspires 2 and Youth Equity & STEM. She also led on the Enterprising Science project which concluded earlier this year. Louise is passionate about social justice approaches to education and the potential for academic research to 'make a difference' to educational policy and practice.

Aspires 2

Louise developed the concept of Science Capital as part of the original Aspires project at King's College London. This work investigated factors impacting on academic success and career aspirations in STEM among 10-14 year olds and found the key factor was not interest in science or general aspiration but rather Science Capital within the family. The Aspires 2 project, funded by ESRC, continues this work by tracking science and career aspirations among young people up to the age of 19, crucially relating these aspirations to students' attainment in national examinations and their post-16 and post-18 choices. See Professor Archer's IRIS profile for further information about her research and a list of her publications: <http://iris.ucl.ac.uk/iris/>

Annette Hayton is Visiting Fellow at the University of Bath and convenes the NERUPI Network on behalf of the University; she co-developed the NERUPI Evaluation Framework. Annette was previously Head of Widening Participation at the University of Bath and Goldsmiths, University of London and so has many years' experience managing activities designed to support successful progression to higher education. She aims to combine theory, research and practice, making praxis the foundation of her work to promote equity and foster progressive change within the education system.

Annette is currently Innovative Practice editor for the journal Widening Participation and Lifelong Learning and a member of the International Centre for Higher Education Management at the University of Bath.

For further information on her research and a list of her publications, see Annette's Research Gate profile: https://www.researchgate.net/profile/Annette_Hayton

Dr Andrew Ross is Science Outreach Manager at the University of Bath. He leads a variety of science outreach projects including the Bath Taps into Science festival, STEM summer schools and family science projects.

Andrew completed a Chemistry PhD in 2011 at the University of Sheffield and subsequently moved into science communication. In 2013 he started at the University of Bath in the Widening Participation team. Over the years his role has changed and in recent times his work has focused on working with academic colleagues across the science faculty to design and deliver interventions for school students of all ages. Andrew uses his research background to engage with evaluation and research in Widening Participation and has recently worked on a project with OFFA (as was) which paired practitioners with academics.

Robert Zivtins is a doctoral-level Researcher at Imperial College London, based in the Student Recruitment and Outreach team. His research interest is in science education and his current project, supervised by Professors Robert Winston at Imperial College and Tim Jay at Sheffield Hallam University, focusses on the school/university outreach partnership and how – if at all – outreach programmes can influence students' levels of Science Capital. This work involves an in-depth study of Imperial's dedicated outreach space, the Wohl Reach Out Lab (WROL).

Roberts was previously a science teacher, and after teacher training at the University of Cambridge, taught in the Cambridge Academy of Science and Technology (CAST), a relatively new science-specialist college, based on the biomedical campus near Addenbrookes Hospital.