

Anna Maxim

Postgraduate Researcher

Current Status

Final Year, Full-Time

Research Topic

Higher Education: The STEM Undergraduate Experience

Research Summary

This research considers the experiences of students studying for degrees within the Science, Technology, Engineering and Mathematics (STEM) disciplines. The research has a particular focus on the experiences of students from under-represented groups in STEM and in HE in general. The Case Study follows students through the first years of their degree, and attempts to consider how the course lives up to their pre-entry expectations, and how their attitudes and motivations change throughout their undergraduate degree

Research Interests

- Higher Education
- Inequalities in Education
- Widening Participation Policy and Practice
- Mixed Methods Research

Research Supervisor

Professor Stephen Gorard

Funding

HE STEM Centre (based at the University of Birmingham)

Membership of Research and Professional Organisations

BERA, EERA

Conferences

Maxim, A., (2011) *Student Expectations of Higher Education: How do Expectations Differ between Science and Non-Science Undergraduates?* Paper Presented at EERA: ECER 2011 Urban Education, Berlin

Maxim, A., (2011) *Higher Education Satisfaction and Pre-Entry Expectations: Do Science and Non-Science Students Differ?* Paper Presented at BERA Annual Conference, London

Quinn, A., & Maxim, A., (2011), *Transitions and Expectations*, Keynote Paper at the 2011 College of Engineering and Physical Sciences Teaching and Learning Symposium

Maxim, A., (2010) *Should STEM Undergraduates be Considered as 'Different'?* An Analysis of the National Student Survey 2007/2008, Paper at the 2010 School of Education Student Conference, University of Birmingham