

METALLURGY AND MATERIALS

Where will your postgraduate degree take you?

BELOW IS AN OVERVIEW OF THE KINDS OF EMPLOYMENT SECTORS, ORGANISATIONS AND PROFESSIONS THAT RECENT METALLURGY AND MATERIALS POSTGRADUATES HAVE ENTERED, BASED ON RESPONSES TO 'DESTINATIONS OF LEAVERS' SURVEYS CONDUCTED SIX MONTHS AFTER GRADUATION.

Range of employment sectors

- Aerospace industry
- Architectural and engineering activities and related technical consultancy
- Computer programming activities
- General public administration
- Higher education
- Manufacture of fabricated metal products
- Manufacture of glass and glass products
- Public administration and defence; compulsory social security
- Public relations and communication activities
- Research and experimental development on natural sciences and engineering
- Technical testing and analysis

Range of employers

- Aero Engine Controls
- BAe Systems
- Bodycote PLC
- Brookes Bell (independent marine consultancy)
- Cambridge Design Partnership
- Capita Symonds
- Catalent Pharma Solutions
- Deloitte
- EDF Energy
- Honda GB Limited

Pilkington Group Limited

- Renault F1 Team Limited
- Rolls-Royce PLC
- Serco Group PLC
- The Home Office
- The Insolvency Service
- TWI (technology engineering)
- University of Birmingham

Range of occupations

- Assurance Associate
- Corrosion Scientist
- Design and Development Engineer
- Energy and Sustainability Consultant
- Environmental Executive
- Financial Advisor
- Lecturer
- Materials Engineer
- Metallurgist
- Principal Stress Technologist
- Production Manager
- Research Fellow
- Spectroscopy Laboratory Manager
- Trading Underwriter, Power and Engineering Team
- Welding Engineer



I am Materials Engineer at Jaguar Land Rover. I joined their Materials Engineering Department in 2012 as a materials innovation engineer. My role has recently expanded to include leading sustainable-materials projects. I am currently responsible for leading a number of UK Technology Strategy Board-funded material projects.

Carrying out my PhD was one of the best decisions I have made. I found it difficult at times but it has been one of the most rewarding things I have done and you have such good resources and supervisors at your disposal. It gave me skills in problem solving and project management, gaining new methods in how to deal with problems and progress with a credible solution. I was also able to attend international conferences in India, China and France. This gave me the opportunity to discuss my work with others, as well as experiencing countries I hadn't visited before. Attending conferences increased my confidence in presenting and discussing my work, and I found it one of the most beneficial things I did whilst carrying out my PhD.

DR RACHEL PUNCH, Metallurgy and Materials PhD alumna.

