



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Consumer Data Development and Analytics Scientist, School of Mechanical Engineering / School of Medicine, Faculty of Engineering and Physical Sciences, and Procter & Gamble



Salary: Grade 7 (£38,205 - £45,585 p.a. including a personal development budget of £2,667)

Based at Procter & Gamble Ltd., Whitley Road, Newcastle upon Tyne, NE12 9BZ

Fixed Term for 16 months to complete time limited work

Overview of the role

Do you hold a PhD or strong Masters Degree in Computer Science, Psychology, or a related discipline? Do you have a strong background in data analytics and programming? Are you interested in working in a multi-disciplinary role for one of the world's most renowned manufacturers?

The University of Leeds has an opportunity for you to 'fast track' your career in industry by leading a project to develop and apply novel consumer research techniques, that will allow for the delivery of better products and services to customers. Through a Knowledge Transfer Partnership (KTP), you will be working in collaboration with a sector leading consumer goods and manufacturing company, Procter & Gamble, and Leeds University's School of Mechanical Engineering.

As a KTP Associate, you will be expected to manage this project and effectively transfer knowledge from the academic knowledge base at The University of Leeds to Procter & Gamble. You will be embedded in Procter & Gamble's Innovation Centre in Newcastle-upon-Tyne – which is charged with pioneering and applying cutting edge consumer research methods - and will work closely with Procter & Gamble's team of experienced researchers and academics from the School of Mechanical Engineering to drive innovative use of Rasch methodologies and predictive modelling to gain more effective insight into customer responses and attitudes .

Procter & Gamble is a global leader in consumer goods, operating across more than 180 countries, with a world famous portfolio of high-quality brands including Gillette, Ariel, Head & Shoulders, and many more. The company is renowned for its innovation and sustainability, and provides a dynamic and inclusive work environment that will help you to develop both professionally and personally. Key to its success is a deep understanding of consumer needs, which is a foundational part of its business model.

Main duties and responsibilities

Your responsibilities will include:

- Work with supervisors from Procter and Gamble and the University of Leeds to plan work activities and monitor progress;
- Work with data analysts at Procter and Gamble to understand their business processes and current tools;



- Using R Software to create Rasch analysis tools customised to the needs of Procter and Gamble;
- To test the developed analysis tools by applying them to Procter and Gamble processes and refining them based on lessons learned.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What are the benefits of being a KTP Associate?

- All KTP Associates spend 10% of their time on Personal Development, making full use of a £2,667 PD budget
- Learning how the Research and Development organisation of a large multi-national manufacturer of fast-moving consumer goods company works;
- Experience of cutting edge consumer research techniques and project management.
- Access to two residential training sessions aimed at developing project management skills
- Opportunity to gain both management and academic experience
- Potential to fast-track a career in industry
- Access to a wealth of academic resources
- Access to a Travel & Subsistence and Consumables budget
- Access to mentoring sessions through Innovate UK

Qualifications and skills

Essential:

- Strong experience of creating code using the R programming language for data analysis;
- Evidence of strong programming skills in at least one programming language;
- Excellent interpersonal, communication, time management, and planning skills;
- Ability to effectively convey complex ideas and present solutions to non-expert audiences and key stakeholders.



Desirable:

- Experience of creating user interfaces;
- Familiarity with software development;
- Familiarity with Rasch modelling.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

ACADEMIC SUPERVISOR

Dr Raymond Holt / Lecturer (School of Mechanical Engineering)

Email: R.J.Holt@leeds.ac.uk

COMPANY SUPERVISOR

Sam Whitehead / Senior Scientist (Procter & Gamble)

Email: whitehead.s@pg.com

James Hartford

Innovation Support Co-ordinator (University of Leeds)

Email: J.Hartford@leeds.ac.uk

Additional information

Find out more about the [Faculty of Engineering and Physical Sciences](#).

Find out more about our [Mechanical Engineering](#)

Find out more about our [Research and associated facilities](#).

Find out more about [Athena Swan in the Faculty of Engineering and Physical Sciences](#)



Find out more about [Procter & Gamble](#)

Find out more about [Innovate UK](#)

Interview location

Details will be provided should you be successful in gaining an interview.

Working as a KTP Associate at Leeds

You will be an employee of the University of Leeds and will have access to University facilities. However, you will be based at the company premises, working to their terms. You will have access to the University's USS pension scheme, with generous employer contributions.

A diverse workforce

The Faculty of Engineering & Physical Sciences has received a prestigious Athena SWAN Silver award from [Advance HE](#), the national body that promotes equality in the higher education sector. This award represents the combined efforts of all schools in the Faculty and shows the positive actions we have taken to ensure that our policies, processes and ethos all promote an equal and inclusive environment for work and study.

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Faculty and School Information

Further information is available on the research and teaching activities in the links contained within the text above.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk. The post is located at the company premises. Candidates with disabilities wishing to review access to the building are invited to contact James Hartford (Research and Innovation Service), J.Hartford@Leeds.ac.uk.



Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

