

# Careers and Enterprise

## PGR Careers Induction

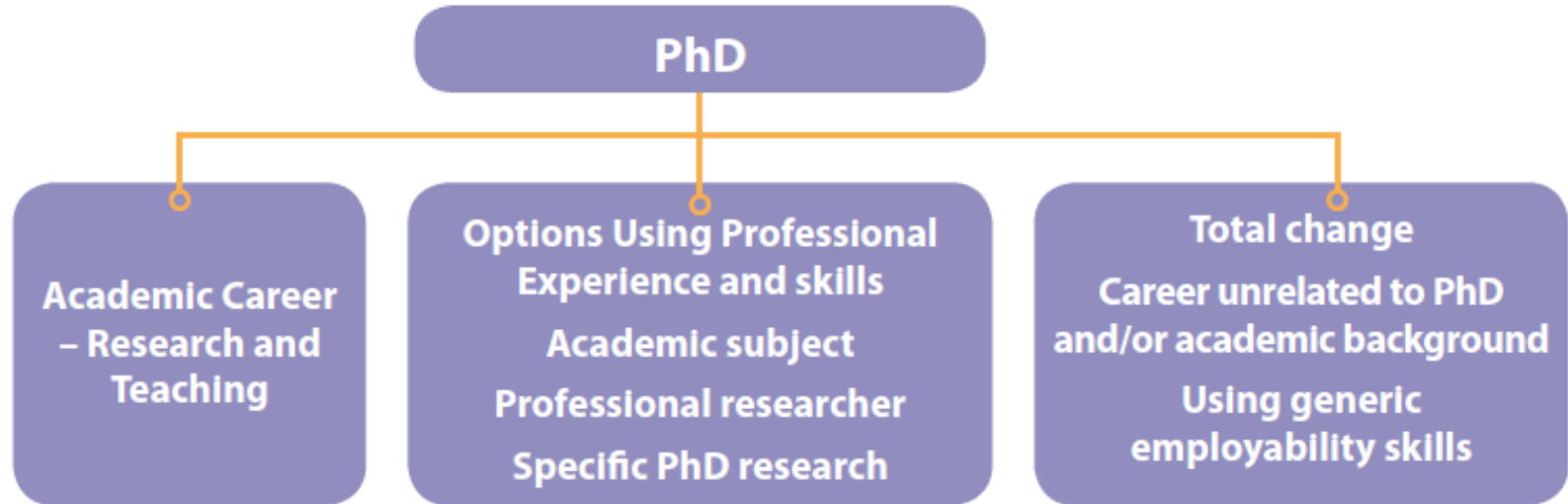
Emma-Marie Fry

Careers Consultant, Researchers

# Reflection



# Career options after your doctorate



[www.jobs.ac.uk/media/pdf/careers/resources/10-career-paths-for-phds.pdf](http://www.jobs.ac.uk/media/pdf/careers/resources/10-career-paths-for-phds.pdf)

## RESEARCHER CAREERS

Example Job Roles for Researchers

University Lecturer/Professor  
Research Fellow  
Postdoctoral Researcher  
Grant Writer  
Academic Administrator

Academia



Industry



Consultant  
Policy Analyst  
Data Scientist  
Patent Attorney  
R&D Scientist

Policy Researcher  
Asset and Risk Manager  
Biotechnologist  
Enterprise Development  
Manager

Charities and  
NGOs

Research Institutes  
/Councils

Policy Analyst  
Research Fellow  
Data Scientist  
Government Scientist  
Project Manager

Regulatory Scientist  
Intelligence Analyst  
Epidemiologist  
Biostatistician

Government



Non-Academic  
Roles in  
Universities



Research Administrator  
Knowledge Transfer Officer  
Policy Analyst  
Curriculum Developer  
Researcher Developer

# What skills do researchers bring?

- Quantitative and qualitative research methods
- Data collection, analysis and interpretation
- Technical/programming/statistical knowledge
- Academic and report writing
- Project management and product/business development
- Teamworking and networking skills
- Excellent presentation and communication skills
- Laboratory practice skills (if applicable)
- Budget management and leadership skills
  
- [Research Careers Outside Higher Education - jobs.ac.uk](https://jobs.ac.uk)





# QMUL GOS 2024

## 2021/2022 PGR leavers



53% response  
rate



93% in **Highly  
Skilled jobs**



88% 'my activity  
is meaningful'



84% 'fits with  
my future plans'



**Average UK  
salary £52,000**

# Career Planning – the EAST model

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**Self-Assessment** interests, strengths, values, skills, personality

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**Exploring career options**

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**Identifying skill gaps**

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**Networking (and mentoring)**

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**Branding yourself and developing your profile**

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**Actively applying to opportunities**

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**Goal setting and planning actions**

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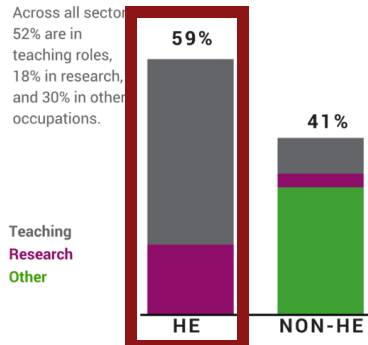


# Researchers work in a range of sectors 3 years after completion

## CAREER DESTINATIONS

Where do social sciences doctorate holders work? 3.5 years after graduation, **41% outside of HE** while 59% work in the HE sector.

Across all sectors, 52% are in teaching roles, 18% in research, and 30% in other occupations.

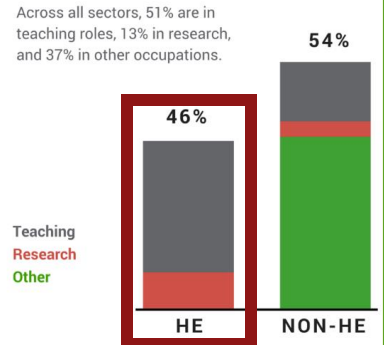


**Social Science**  
59% in HE

## CAREER DESTINATIONS

Where do arts and humanities doctorate holders work? 3.5 years after graduation, **over half work outside of HE** while 46% work in the HE sector.

Across all sectors, 51% are in teaching roles, 13% in research, and 37% in other occupations.

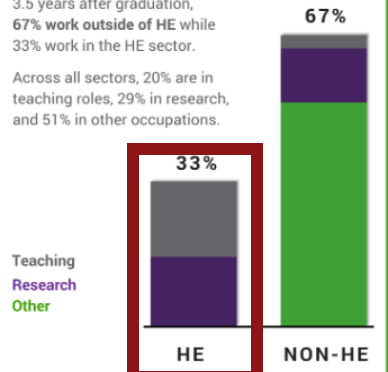


**Arts and Humanities**  
46% in HE

## CAREER DESTINATIONS

Where do biomedical sciences doctorate holders work? 3.5 years after graduation, **67% work outside of HE** while 33% work in the HE sector.

Across all sectors, 20% are in teaching roles, 29% in research, and 51% in other occupations.

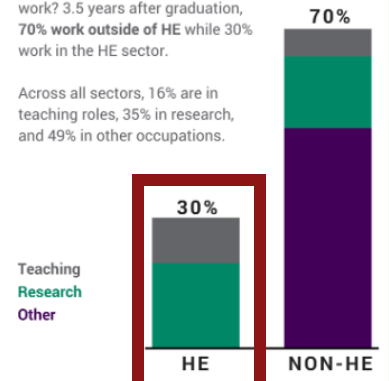


**Biomedical Science**  
33% in HE

## CAREER DESTINATIONS

Where do physical sciences and engineering doctorate holders work? 3.5 years after graduation, **70% work outside of HE** while 30% work in the HE sector.

Across all sectors, 16% are in teaching roles, 35% in research, and 49% in other occupations.



**Physical Science**  
30% in HE

Vitae: What do Researchers do? Based on 2073 PhDs and 428 Masters Graduates – 3 years after graduation. Survey 2010



# Career action plan - suggestions

## Year 1

Explore Careers resources on offer

Set up a LinkedIn profile and other social media profiles (X for academia)

Follow companies and research groups of interest on social media to keep up to date

## Year 2

Book a 121 careers slot with a CC to talk about options and career planning

Do a professional development plan with your supervisor . Discuss career options in academia

Think about **skills gaps** that you might need to fill and take on opportunities that develop these skills

## Year 3

Write an academic and non-academic CV and get it checked with a Careers Consultant

Reach out to relevant contacts on LinkedIn and talk to people in a range of sectors about their job – would this job suit you?

Network with research groups you may want to work in, post PhD



### **QM Careers Hub**

Book careers appointments  
and browse vacancies



### **QMPlus**

Find researcher-specific online  
careers resources



### **CPD Bookings**

Sign up for workshops that  
interest you



### **Enterprise**

Want to start your own  
business? Visit our website to  
get the support you need

# Careers Support for You

# Dedicated career guidance and coaching for PGRs



*One-to-one  
career  
coaching*



Explore career  
options



Identify your  
strengths and  
gaps



Plan A, B and Z



Is self-  
employment for  
me?



CV check



Job and  
fellowship  
applications  
check



Practice  
interviews

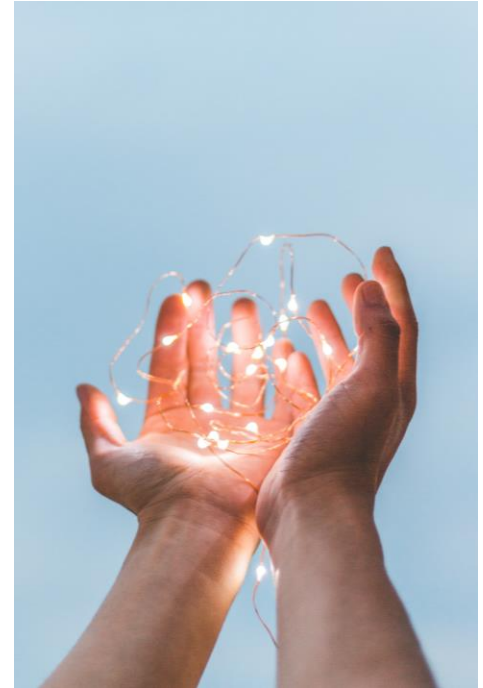


Photo by Diego PH on Unsplash

The screenshot shows the QM Plus interface. At the top is a dark blue header with the QM Plus logo on the left, and 'All Modules' and 'Help' with a dropdown arrow on the right. Below the header is a breadcrumb trail: 'Dashboard / My Modules / Researcher Careers Management'. The main heading is 'Researcher Careers Management' in a large, bold, dark blue font. Below the heading is a horizontal navigation bar with five buttons: 'Welcome!', 'Explore', 'Acquire', 'Showcase', and 'Individual help'. The 'Welcome!' button is highlighted with a white background and a blue border. Below this bar is a large, light gray box containing a red chevron icon followed by the text 'Welcome!'.

<https://qmplus.qmul.ac.uk/course/view.php?id=19856#section-3>





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- News
- Events
- Publications
- Careers**
- Professional development
- Doing research
- Policy
- Impact & evaluation
- Researcher training

[Home](#) / [Careers](#)

## Researcher careers

What do researchers do?  
Doctoral graduate employment, activities and earnings 2022

### What do researchers do?

Read about the latest findings in our [What do researchers do report 2022](#)



### Researcher career stories

Be inspired by [over 150 narratives from individual researchers](#) - offering an insight into the lives and

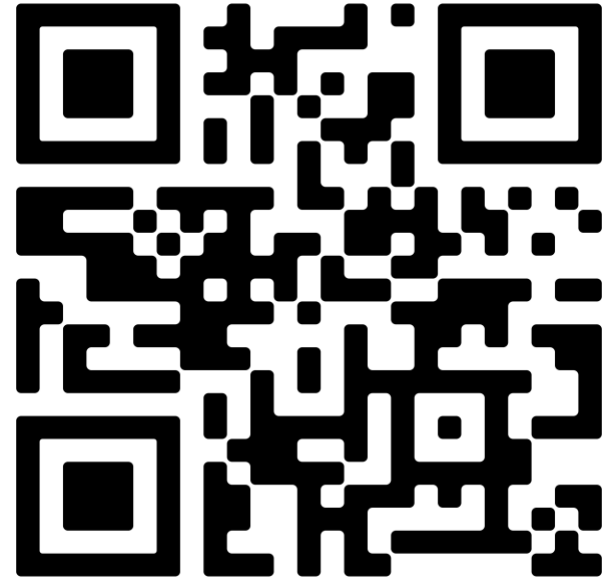
### Professional development

[Focus on mentoring and coaching for researchers](#). Browse resources

# QM Careers Hub

To receive vacancies and events,  
complete your 'Profile' and...

**Unlock your QM Careers Hub!**



QR code to access QM Careers Hub

# Contacting us

## Careers and Enterprise

iQ East Court, Room 0.08  
Mile End Road E1 4GG



020 7882 8533



[careers@qmul.ac.uk](mailto:careers@qmul.ac.uk)



@qmcareers

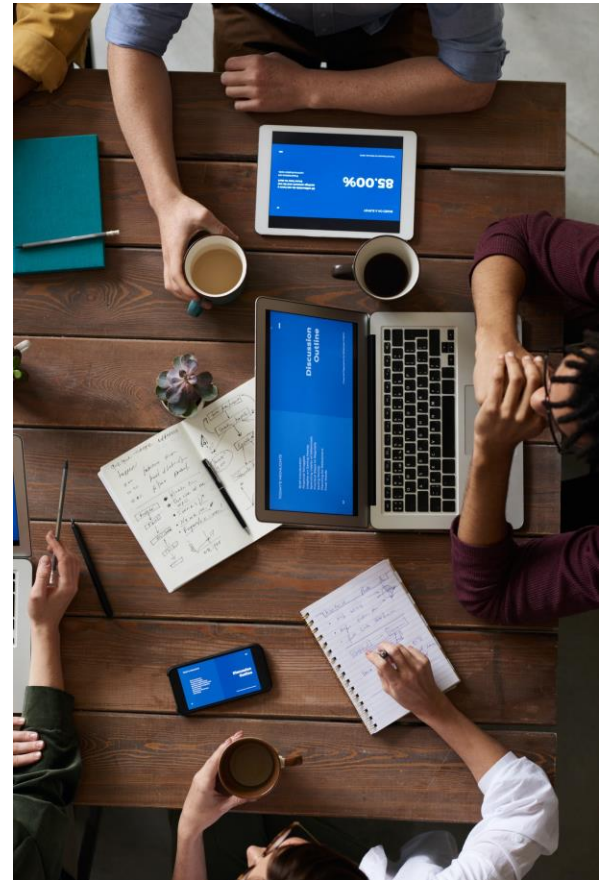


@qmcareers



[facebook.com/qmcareers](https://www.facebook.com/qmcareers)

<https://www.qmul.ac.uk/careers/>



# Resources

- [Vitae](#) – Realising the potential of Researchers
- [What do researchers do?](#) – Vitae.ac.uk resources exploring career paths
- [Careers in your ears](#) - The Careers Podcast for PhD Students and Research Staff at King's College London.
- [From PhD to life. Recommended Reading List from Jennifer Polk.](#) A list of books for PhDs and researchers looking to career pivot.
- [Imagine PhD Job Families.](#) Career options for humanities and social science PhDs. You will need to sign up to the website, but this US resource is free.
- [10 Top Non-Academic Jobs for STEM PhDs](#) and [PhD Jobs for People who Hate People.](#) Two lists from the US – based [Cheeky Scientist.](#) Some useful resources and videos but subscribing to the email list results in unwanted emails/SPAM.
- [Research Careers.](#) Career profiles from more than 90 people, many of whom have been early career researchers and moved to different careers. Collated by PhD students and postdoctoral researchers at Oxford University.



Queen Mary  
University of London