Careers using research skills, part 2 – public sector jobs

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LONDON
SCHOOL *of*
HYGIENE
&TROPICAL
MEDICINE

This series

Part 1 – overview:

Defining your 'research skills', advice for non-UK students on UK opportunities, advice on looking outside the UK, types of organisation utilising research skills, typical job titles and grades, how/where to find out more.

Part 2 – public sector jobs:

UK – PHE, NICE, Central Government, Local Government, NHS;

Non-UK.

Part 3 – private sector jobs:

Pharma, Medical Writing, Management Consultancies, Intellectual Property.

Part 4 – 'third sector' and universities:

Thinktanks, Charities and NGOs, International Organisations, Universities.

Public Sector Jobs

Concentrating here on UK examples – organization and structure varies across different countries.

Example organisations:

- Public Health England,

- NICE,

- Central Government,

- Local Government,

- NHS.

Some 'graduate schemes' (limited)

Civil Service Fast Stream (deadline October) - various strands (Central Government, little experience/some experience);

Treasury Graduate Programme (policy) – specific Civil Service strand, deadline usually November;

NHS Graduate Management Training Scheme – various strands, usually December deadline (little experience/some experience);

DHSC Health Policy Fast Track – specific Civil Service strand, deadline usually November;

NHS Scientist Training Programme – various strands, usually January deadline (little experience/some experience);

Applying to NHS scheme

NHS Graduate Management Training Scheme

Application window October to December:

Our Scheme has a significant academic study element so, whichever specialism you choose, you'll need a strong aptitude for assimilating, analysing and explaining complex concepts, data and statistics.

Will sponsor Tier 4 to Tier 2 visa switch (but some limitations: More information under 'permission to work in the UK' section)

- Finance Management
- General Management
- Health Analysis
- Health Informatics
- Human Resources
- Policy and Strategy
- Department of Health & Social Care (DHSC) Health Policy Fast Track Scheme

Application window usually Jan-early Feb.

Many strands – see
https://nshcs.hee.nhs.uk/programmes/stp/applicants/stp-specialisms/
The aim of the STP is to produce graduates who will possess the essential knowledge, skills, experience and attributes required of a newly-qualified Clinical Scientist in the NHS. They will be competent to undertake complex scientific and clinical roles, defining and choosing investigative and clinical options, making key judgements about complex facts and clinical situations within a quality assurance framework.

Beyond graduate schemes

This is most jobs. Some example job titles at different levels (will vary across different organisations):

Senior Partnership Analyst (PHE, SEO grade – some experience, perhaps PhD);
Health Protection Practitioner (PHE, HEO grade – little experience/some experience);
Research Project Manager (NHS, Band 6);
Technical Analyst (NICE, some experience, perhaps PhD);
Senior Research Officer (Civil Service, direct entry, SEO/Grade 7 – some experience/several years' experience);
Public Health Practitioner Traineeship (Local Authority, no experience/little experience/experience outside public health);
Public Health Policy Officer (Local Authority, some experience);
Antimicrobial Surface Scientist (PHE, EO – little/no experience).

JOB SUMMARY

The Disease Registration division sits in the Health Improvement directorate and provides the teams and expertise, in partnership with other groups across PHE and beyond, to identify, collect, collate and quality-assure large population-level datasets for specific diseases and conditions.

The division already has responsibility for the National Cancer Registration and Analysis Service and the National Congenital Anomalies Registration and Surveillance Service. The aim of the Disease Registration division is to become an international leader in population-based disease registration, surveillance and monitoring.

Person specification

Description	Essential	Desirable	Assessment*
Qualification			
Degree level qualification or equivalent in a relevant discipline (information, statistics, health, or biological sciences with a significant analytical component)	X		A/C
Post-graduate degree and / or equivalent or significant experience related to health information		X	A/C
Knowledge and experience			
Experience in the use of statistical and epidemiological methods for analysing, interpreting and understanding cancer data sets	X		A/I
Significant experience at a senior level in health intelligence, analysing person-level data.	X		A/I
Experience in the training and development of others in information skills	X		A/I
Knowledge of epidemiological measures and analysis		X	A/I
Experience of analysing and presenting complex health information in a variety of formats to a wide range of	X		A/I/ T

NHS – example research jobs

Research Midwife
Research and Development

Homerton University Hospital NHS Trust, London
We are looking to recruit one Research Midwives to cove
opportunity to participate in an expanding Obstetrics & G
We welcome applications from people who meet the crit

Salary: £33,660 - £43,407 p.a.inc
Posted: 03/10/2019
Job Type: Fixed term

Research Project Manager
Community Health Services

Derbyshire Healthcare NHS Foundation Trust, Kingsway Hospital, Derby
Band 6, Research Project Manager - Perinatal Services Centre for Research an
Month Fixed Term Contract An exciting opportunity has arisen to join Derbyshire
Development team. The post holder will lead on the service evaluation, quality ..

Salary: AfC Band 6: £30,401-£37,2   Closin
Posted: 30/09/2019   Staff (
Job Type: Fixed term   Job R

The National Institute for Health and Care Excellence (NICE) is the independent organisation responsible for providing national guidance and advice on promoting high quality health, public health and social care.

When you work with us, everything you do helps to improve health and social care

Technical Analyst – evidence generation
Salary: £44,606-£50,819

Civil Service (non-Fast Stream)

Senior Research Officer, Office for National Statistics

Salary: £36,369

As a Senior Research Officer (SEO Specialist) within ONS you will be a member of the cross government profession of Government Social Research (GSR). You will contribute to the ONS vision of improving decision making and informing debate through high quality, easy to use statistics and analysis.

Pharmaceutical Assessor, Medicines and Healthcare Products Regulatory Agency

Salary: £29,264-£51,543

Grade: SEO/Grade 7

The Licensing Division within MHRA is responsible for assessing and approving applications for marketing authorisations.

Ecosystems Analyst Joint Nature Conservation Committee

Grade HEO, Salary £27,398

Specialist and Technical

• Ability to manage complex and large data sets, create metadata and audit trails, version control, establish processes/rules for changing and archiving them, and understand the principles of licensing. **Essential**

• Ability to design and use relational databases, especially to write SQL queries to manipulate and extract data from large and complex datasets (preferably with experience using PostgreSQL). **Essential**

• Ability to use GIS packages, including manipulation, interpretation and mapping of datasets and spatial databases; and automation of functions and establishing links to databases. **Essential**

• Ability to use R, Python, or a similar scripting language to manipulate data and automate processes. **Essential**

• Knowledge of the types of data available from environmental surveys, including remote-sensing and in-situ sampling. **Desirable**

Edit search

Location
Enter a postcode, town or region

[   ]

Search distance

[50   ▼] [miles   ▼]

Job role

Analytical ✕   Economist ✕
Health Adviser ✕
Health Professionals ✕
Humanitarian ✕
Operational Research ✕
Policy ✕

Organisation
[Enter one or more search criteria   ▼]

Salary range
[Enter one or more search criteria   ▼]

Job grade

Higher Executive Officer ✕
Senior Executive Officer ✕

Working pattern
[Enter one or more search criteria   ▼]

Contract type
[Enter one or more search criteria   ▼]

Level:

EO (Executive Officer) – if you have little or no experience

HEO (Higher Executive Officer) – if you have some experience

SEO (Senior Executive Officer) – if you have more experience

Public Health Policy Officer (Place) 3413

Job Reference: L93-A-19-0211

Employer: London Borough of Southwark
Department: Southwark Council
Location: South London

Salary: £40,491 - £47,274

Criteria tested initially at short listing stage.
Knowledge, Experience, & Skills marked as: E – essential, or D – desirable

	Knowledge	
1	Educated in a suitable postgraduate qualification in public health, built environment or equivalent.	E
2	An understanding of health and Council policies, demonstrated by an ability to describe the complexities of the policy making cycle and public health's role within this.	E
	Experience	
1	Proven experience of undertaking evaluations to effectively measure the outcome and benefit of public health or built environment interventions.	E
2	Proven experience of conducting needs assessment through the collation, analysis and interpretation of key data, information and evidence.	E
3	Experience of working in a town planning or public health environment	E

First step?

Public Health Practitioner Traineeship

Job Reference: L62-A-19-0288

Employer: Portsmouth City Council
Location: Portsmouth

Salary: £24,799 - £28,785

Who is the person? You need to:

1. Hold a Masters level Degree in Public Health, obtained within the past 18 months.

2. Be prepared to work towards becoming a registered Public Health Practitioner (with the UK Public Health Register - UKPHR) or hold registration.

Skills and experience:

3. Experience of collecting, collating, analysing and interpreting a range of different types of data from a range of different sources

4. Experience of reviewing the evidence base by collecting, collating and interpreting information from different sources

5. Experience of developing effective working relationships with a range of partners and stakeholders

6. To have very good verbal and written communication skills and ability to present data and information clearly

7. Ability to co-ordinate, manage and evaluate projects

8. To manage unexpected changes in deadlines, demands, requests or requirements

9. Demonstrate an ability to self-motivate and to act on your own initiative.

10. Takes responsibility for own development.

11. Asks for, reflects upon and acts on feedback.

12. Works collaboratively with others to deliver the best outcomes.

13. To maintain and further develop competency to practice in public health in line with the public health practice framework

14. To have an understanding of the role and activity of local government

15. To have an excellent level of IT literacy to be able to use self-service, digital user platforms and applications and MS Office

Where to find out more

Moodle:

- Career and study options;
- Finding and applying for jobs/study;
- Recordings of careers workshops and events;

LinkedIn:

- [View our mini screencasts](#);

GoinGlobal ([link on Moodle](#));

Each other!

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