

**THE UNIVERSITY OF MANCHESTER**

**PARTICULARS OF APPOINTMENT**

**FACULTY OF BIOLOGY, MEDICINE & HEALTH**

**SCHOOL OF HEALTH SCIENCES**

**DIVISION OF HUMAN COMMUNICATION, DEVELOPMENT & HEARING**

**RESEARCH AUDIOLOGIST**

**VACANCY REF: BMH-019256**

<b>Salary:</b>	Grade 6 £33,309 to £40,927 per annum, depending on relevant experience
<b>Hours:</b>	Full Time (part time considered)
<b>Duration:</b>	Fixed term from as soon as possible until 30 November 2022
<b>Location:</b>	Oxford Road, Manchester

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**Enquiries about the vacancy, shortlisting and interviews:**

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**Introduction to the University of Manchester and the Faculty of Biology, Medicine and Health**

The University of Manchester is the largest single-site university in the UK with around 38,000 students and more than 11,000 staff. We are committed to delivering an outstanding teaching and learning experience; contributing to the social and economic success of local, national and international communities; producing the highest calibre graduates; and developing our staff to be amongst the very best of their peers.

To achieve our ambitious goals we aim to attract and retain the very best people to work across a range of academic disciplines and support functions.

**The Faculty of Biology, Medicine and Health**

The integrated structure of our Faculty enables a truly translational approach to biology, medicine and health - from pure discovery science through to clinical application and patient care. It also encourages collaborative working, enabling staff to deliver innovative, world-leading research that has a very real and positive impact on people's lives, as well as high-quality education and training to over 11,000 undergraduate and postgraduate students.

### **Our strategic partnerships**

The Faculty has established a number of key strategic partnerships that underpin its ambitions to develop ground-breaking research.

Working alongside six local NHS Trusts, the Faculty is a key member of the Manchester Academic Health Science Centre (MAHSC) - a federation of equal partners that unites leading healthcare providers with world-class academics and researchers. It aims to be a global centre for the delivery of applied health research and education and provide leadership for our local and regional health systems.

We also play a leading role in Health Innovation Manchester (HInM), which was launched in September 2015, as part of the UK Government's decision to devolve health and social care responsibilities to Greater Manchester. HInM offers a unique opportunity to bring together health and social care, academic and life science related business resources across the region to deliver an innovative health ecosystem that can help accelerate innovation into our local health and social care systems, enhance our global scientific standing and act as a magnet for inward investment.

Key partnerships in the charitable sector include Cancer Research UK; Diabetes UK; and the Wellcome Trust; and the Faculty also has research and funding links to a number of commercial organisations including Unilever, AstraZeneca, GlaxoSmithKline and Boots, who help us to bring new drugs and products to the market.

### **Working for the University of Manchester**

The University of Manchester strives to make our community a welcoming, caring and enthusiastic one, fuelling ambition with opportunities and support to help us all achieve our personal and professional goals.

Our diverse job opportunities include an attractive benefits package with family-friendly policies that provide for flexible working. We care deeply about career and personal development, offering a structured induction programme for new staff, an annual performance and development review, staff training for all career stages and mentoring opportunities to support your career development.

We have a genuine commitment to equality of opportunity for our staff and students, and are proud to employ a workforce that reflects the diverse community we serve.

As a global institution, situated at the heart of a lively, culturally diverse city, we welcome applicants of all nationalities. To help international job applicants plan for life in the UK, we have put together some useful information on passports and visas, travel to the UK, accommodation and a number of other practical considerations.

### **Division of Human Communication, Development And Hearing**

Our work is central to key topics in today's society including: health and ageing, communication and development, the dynamic brain, and adapting to change. We live in an era where good language, hearing and communication skills are crucial. Impaired communication skills affect educational attainment, employment opportunities, and quality of life.

We boast a leading national and international reputation in the education and training of audiologists and healthcare scientists, speech and language therapists, psychologists and

teachers of the deaf, and have a commitment to broadening our portfolio of taught programmes. We make basic research discoveries, translate these discoveries into real world applications and improve the quality of life for individuals across the lifespan. We have strong research and teaching networks across the Faculty and beyond. We aim to build these areas further to foster research collaborations, so that psychological approaches to language, communication and hearing are infused into many areas of activity.

The Division houses two research Centres: Manchester Centre for Audiology and Deafness (ManCAD, <http://research.bmh.manchester.ac.uk/manCad>) and the ESRC International Centre for Language and Communicative Development (LuCiD, [www.lucid.ac.uk](http://www.lucid.ac.uk)).

The NIHR Manchester Biomedical Research Centre (BRC) is a partnership between Central Manchester University Hospitals NHS Foundation Trust (MFT) and The University of Manchester (UoM). The partnership brings city-wide expertise to accelerate new discoveries through translational research to improve health. The Manchester BRC delivery partners are: MFT; Salford Royal NHS Foundation Trust; The Christie Hospital NHS Foundation Trust (The Christie); The University of Manchester; and University Hospital of South Manchester NHS Foundation Trust (UHSM).

Supported by the Manchester Academic Health Science Centre (MAHSC), the BRC will deliver its research goals by applying P4 principles:

- Prevent disease;
- Predict disease progression;
- Personalise treatment pathways;
- Empower patients to Participate in their healthcare

The Manchester BRC has been awarded £28.5m (April 2017 – March 2022), to fund and support research and experimental medicine studies in the following areas:

- Theme 1: Musculoskeletal Diseases
- Theme 2: Hearing Health
- Theme 3: Respiratory Diseases
- Theme 4: Dermatology
- Theme 5: Cancer Prevention and Early Detection
- Theme 6: Advanced Radiotherapy
- Theme 7: Cancer Precision Medicine

Collaboration and synergies between these research themes will be harnessed via three cross-cutting themes, to drive discovery and stratification through to patient benefit: (i) a Biomarker Platform to align biomarker discovery with disease and drug response endotypes; (ii) an Informatics and Data Sciences for data-intensive discovery and actionable analytics and; (iii) a Rapid Translation Incubator to accelerate the progression of: proof-of-concept studies; early phase trials and adoption into practice.

The strategy of the Hearing Health theme of the NIHR Manchester BRC is based on: (i) prevention and prediction, (ii) precision and personalisation, (iii) patient-public participation, and (iv) partnerships. The theme consists of 6 programmes of research spanning prevention, diagnosis and treatment. The whole population will benefit from the research projects through the following three objectives:

- Develop approaches for prevention and treatment of hearing problems in addition to traditional emphasis on diagnosis and management.
- Serve the whole population specifically children, adolescents, adults and older persons.
- Pioneer technology by exploitation of our leading hearing science and cross-cutting translation infrastructure.

**Each project employs the following guiding principles.**

- Patient relevance: Focus on patient-centred priorities and under-served populations.
- Partnerships for innovation: Increase partnership with signal processing, biomaterials, rare diseases, health psychology and Health Informatics.
- Transform research capacity: Develop clinician scientists with translational and entrepreneurial skills through leadership roles and our Higher Specialist Scientist Training (the only UK consultant-level healthcare scientist education).
- Facilitate translation: Accelerate clinical trials using Translation Incubator. Maximise use of state-of-the-art CRF sound-treated labs and bespoke hearing research van. Drive innovation via our new, unique (in the UK) Hearing Device Research Centre.
- Early adoption: Use Health-Innovation-Manchester for clinical validation, real-world feedback and rapid implementation. Work with professional bodies and educational programmes.

**Overview of the Role**

The post is to work as a Research Audiologist on a variety of research studies within the Hearing Health Theme of the NIHR Manchester BRC and the Manchester Centre for Audiology and Deafness (ManCAD). You should be in possession of a qualification in audiology. This is a fixed-term contract until 30 November 2022 due to current funding arrangements, but is likely to be extended beyond that time as further funding becomes available.

**Job Description**

**Key Responsibilities, Accountabilities or Duties**

- Be responsible for the day-to-day-management of allocated research projects, ensuring that milestones and deadlines are achieved and that work is completed on time.
- Observing all requirements relating to ethics and research governance procedures.
- Recruitment of participants.
- Taking informed consent from participants.
- Responsible for the data collection and data analysis.
- Participate in internal meetings and present data and updates to colleagues.

- Participate in Patient and Public Involvement/Engagement activities, including presenting information to patient panels; and developing research related activities for and actively participating in public engagement events.
- Write/contribute to manuscripts resulting from this work for publications.
- Present findings at national and international meetings.
- Undertake appropriate training and development activities.
- Actively participate as a member of a hearing research team.
- Keep accurate and detailed records of the research findings and lab activity.
- Contribute to the general maintenance of the hearing research lab and van through specific duties.
- Maintain effective communication with colleagues and collaborators.
- Any other duties appropriate to the grade and role of the person appointed.

### **Person Specification**

#### **Essential Knowledge, Skills and Experience**

- A post-graduate qualification in audiology or relevant clinical experience.
- Experience of recruiting and interacting with research participants.
- Excellent communication and organisational skills, with the ability to prioritise a variety of work activities in a busy environment and meet strict deadlines.
- Good knowledge of relevant IT systems and software packages (including MS office and hearing aid programming software).
- A high level of accuracy and attention to detail.
- Proven ability to work as a member of a team and maintain good relationships.
- Experience performing and interpreting routine and non-routine audiological procedures in a clinical and/or research environment.
- Ability to handle and manipulate data with a high degree of accuracy.
- Experience/ability to contribute to writing of papers and publications.
- Experience/ability to contribute to the preparation of oral and poster presentations of research findings.

#### **Desirable Knowledge, Skills and Experience**

- Experience and/or understanding of the research environment.
- Membership of the British Audiology Association (BAA)/British Society of Audiology (BSA).
- Understanding and training in Good Clinical Practice (GCP).