

THE UNIVERSITY OF MANCHESTER

PARTICULARS OF APPOINTMENT

FACULTY OF BIOLOGY, MEDICINE & HEALTH

SCHOOL OF MEDICAL SCIENCES

DIVISION OF MEDICAL EDUCATION

LECTURER IN HISTORY OF SCIENCE, TECHNOLOGY OR MEDICINE

VACANCY REF: BMH-018903

Salary:	Grade 6, £37,467 to £40,927 pro rata, per annum, depending on relevant experience
Hours:	0.6 FTE
Duration:	Fixed term available until 31 December 2026
Location:	Oxford Road, Manchester

Enquiries about the vacancy, shortlisting and interviews:

Name: Professor Carsten Timmermann, Director, Centre for the History of Science, Technology & Medicine

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ABOUT THE POST

Applications are invited for a fixed-term, part-time (0.6FTE) post as **Lecturer in History of Science, Technology or Medicine** at the Centre for the History of Science Technology and Medicine (CHSTM), University of Manchester. This is a post created to free a senior colleague of teaching responsibilities while they are leading a major international research project. The post is suitable for a candidate with limited post-doctoral experience, keen to lay a foundation for a career in teaching and research in HSTM.

The successful candidate will complement and enhance our teaching portfolio at undergraduate and postgraduate (MSc and PhD) levels. They will be expected to deliver a first-year introduction to HSTM, 'Science and the Modern World', and run tutorials for students on the 'Biology with Science and Society' programme. They will contribute to other undergraduate and postgraduate units in accordance with research interests and experience. They will also play an active role in undergraduate and postgraduate dissertation and project supervision, and as an academic advisor.

The post is a Teaching and Research position, and the successful candidate will be encouraged to develop funding applications and a compelling research vision. They will have a record of academic output in accordance with their career stage and sustainable plans to publish further academic work. They will have viable plans to apply for research funding and will be fully supported in this by experienced colleagues. CHSTM has an excellent track record with

applications at different levels to funders including the Wellcome Trust, the European Research Council, the UK Economic and Social Research Council (ESRC) and the UK Arts and Humanities Research Council (AHRC). Candidates will have plans to organize seminars and conferences maintaining and further developing their network of research contacts. CHSTM is a collegial and supportive academic work environment, and colleagues are keen to engage with each other's research.

The successful candidate will have the opportunity to contribute to the supervision of PhD students as member of a supervisory team. CHSTM has a thriving community of research students, with projects funded by a variety of organizations. We are a key member of the Social Studies of Science, Technology and Medicine pathway of the ESRC-funded North West Social Science Doctoral Training Partnership, and we are keen for the role holder to collaborate in the development of competitive PhD projects for submission to funding bodies.

CHSTM provides a unique academic environment strategically located to maximize the capacity of the humanities to understand and inform the sciences. Based in the School of Medical Sciences, within the Faculty of Biology, Medicine and Health, we work across the University of Manchester to encourage cross-disciplinary and interdisciplinary research collaboration. We teach undergraduate students from diverse disciplines within the humanities and social sciences as well as those from science and medicine backgrounds. The successful candidate will complement our existing research strengths and enhance our provision of teaching.

THE CENTRE FOR THE HISTORY OF SCIENCE, TECHNOLOGY AND MEDICINE (CHSTM)

The Centre for the History of Science, Technology and Medicine (CHSTM) was founded in 1986. Since its inception, CHSTM has been dedicated to the integrated history of science, technology and medicine; in the 2010s we added a successful Masters programme in science and health communication. We look at science, technology and medicine as important aspects of modern culture.

The University of Manchester has a long tradition pioneering new approaches in Science and Technology Studies and Social Studies of Medicine, and at CHSTM we see ourselves as part of this tradition. Michael Polanyi was a Professor here from 1933 to 1958. In 1966 the University became home to a Department of Liberal Studies of Science, founded by Professor Frederick Jevons, which was the first department of its kind in the UK. The department was renamed Science Technology and Policy in 1983. CHSTM is one of its successor institutions, along with the current Manchester Institute of Innovation Research in the University's business school.

CHSTM today is one of the largest groups in the UK dedicated to research and teaching in the integrated history of science, technology and medicine, especially in the nineteenth to twenty-first centuries, and science and health communication. Our popular undergraduate course units are optional for most students and are chosen by students from all backgrounds: natural sciences, humanities and social sciences. Students from all backgrounds value these units as spaces for interdisciplinary exchange. We encourage innovative, creative assignments and forms of assessment.

Our current unit portfolio includes introductions to the history of science and medicine and environmental history, alongside more specialized units dealing with subjects such as the history of forensic science, history of mental illness, science and science fiction, and the history of the nuclear age. A complete list of undergraduate course units is available on the CHSTM website. In our undergraduate teaching provision we collaborate closely with the University College for

Interdisciplinary Learning (UCIL).

We also run two MSc programmes: in History of Science, Technology and Medicine and in Science and Health Communication; and we have a vibrant community of postgraduate research students. We maintain active research and teaching collaborations with colleagues in the sciences, humanities and social sciences across the Manchester campus and beyond, including many international contacts.

At the University of Manchester, we have established working relations with colleagues in the School of Arts, Languages and Cultures (e.g. History, English and American Studies, Japanese Studies, Archaeology, Art Gallery and Museum Studies), Health Sciences, Bioethics and Law Social Anthropology, the Business School, and the School of Environment, Education and Development. We also have close working contacts at the Manchester Museum and the Whitworth Art Gallery, which are both part of the University of Manchester, our Faculty's Museum of Medicine and Health, the Science and Industry Museum, the University's John Rylands Research Institute and Manchester University Press.

CHSTM is well connected internationally. CHSTM colleagues have been members of the executive committees of organisations such as the Society for the Social History of Medicine, the American Association for the History of Medicine, the European Society for the History of Science and the British Society for the History of Science. Colleagues have also held key positions on funding panels of the Wellcome Trust and other organisations funding research in our field.

THE UNIVERSITY OF MANCHESTER

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 (a) delivering an outstanding teaching and learning experience preparing students for leadership; (b) contributing to the social and economic success of local, national and international communities; (c) producing the highest calibre graduates; (d) and developing our staff to be amongst the very best of their peers. Our trajectory is excellent, evidenced by recently being named as the world number one university in the *Times Higher Education* rankings for Impact.

Our aim is to become one of the top 25 research universities in the world, and we are committed to a transformative research agenda. We are unique in the UK higher education sector in having Social Responsibility as one of our three core strategic goals, sitting equally alongside our commitments to research and teaching. 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 University of Manchester strives to make our community a welcoming, caring and enthusiastic one, fuelling ambition, combined with opportunities and support to help us all achieve our personal and professional goals. We offer 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 career development. We have a genuine commitment to equality of opportunity for our staff and students, and our ambition is 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.

THE FACULTY OF BIOLOGY, MEDICINE AND HEALTH (FBMH)

The Faculty of Biology, Medicine and Health has an integrated structure to deliver a truly translational approach to bio-medical sciences, ensuring smooth research pathways - from pure discovery science through to clinical application and patient care. With a total annual income of over £300 million, and over 3,000 members of staff, the Faculty is comparable in size to a medium-sized UK university. Thirty undergraduate and 90 postgraduate programmes offer our 11,000 students opportunities to develop the skills and knowledge they need for a successful career. The integration of discovery biology, clinical application and patient care within a single Faculty, particularly in a region with notable health inequalities, provides us with a real opportunity to have a very significant and positive impact on people's lives.

THE SCHOOL OF MEDICAL SCIENCES (SMS)

The School of Medical Sciences is one of three Schools which form the Faculty of Biology, Medicine and Health. Led by Professor Tony Heagerty, the School contains six Divisions: Cardiovascular Sciences; Cancer Sciences; Dentistry; Developmental Biology and Medicine; Diabetes, Endocrinology and Gastroenterology; and Medical Education, which includes the CHSTM. In addition to a strong and diverse research base, SMS has a major teaching portfolio, being responsible for the MB ChB and BDS programmes plus a large suite of Masters courses.

KEY RESPONSIBILITIES

Research

- Developing research with the objective to grow an independent research programme in the History of Science, Technology or Medicine, conducting research and publishing work that reaches standards of international excellence;
- Developing successful strategies, as an individual and/or as part of collaborative efforts, to gain external funding for research projects;
- Ensuring dissemination of high-quality research outputs through the publication of monographs or articles in international peer-reviewed journals, through attendance and presentations at national and international conferences, and via other appropriate mechanisms;
- Contributing to the supervision of post-graduate research students;
- Collaborating with local and external colleagues to help us build an exciting, dynamic and well-funded research environment.

Teaching

- Maintaining a broad knowledge of current research and scholarship in relevant fields to help us ensure that CHSTM's teaching portfolio is cutting-edge and of excellent quality;
- Design and delivery of teaching material via a range of modalities (e.g. lectures, seminars, tutorials, online materials, personal supervision) at undergraduate and postgraduate level;
- Supervision of undergraduate research projects (e.g. PEPs, APEPs and Final Year Projects) and MSc dissertations in History of Science, Technology and Medicine and Science and Health Communication;
- Contributing to assessments including setting, marking and assessing coursework, engaging in examinations and interviews, and providing feedback to students both verbally and in

writing;

- Contributing to the planning and development of teaching, including identification of areas where current teaching provision may require revision or improvement.

Service and Leadership

- Day-to-day leadership by acting as a responsible team member, developing collaborative and productive working relationships with other members of staff and students, communicating effectively with a wide range of audiences, advising and supporting colleagues with less experience, providing feedback, and advising on personal development where appropriate;
- Maintaining a high level of personal and professional integrity, ensuring that the University's statutory requirements, codes of practice, ethical requirements, and various policies are complied with;
- Taking on appropriate organizational, management and administrative roles to help CHSTM operate as a coherent academic unit of activity;
- Participation in and development of networks, for example, to identify sources of funding, enhance student experience, develop the institution's reputation, facilitate outreach work, generate income, obtain consultancy projects, or build relationships for future activities.

Personal Development

- Demonstrating commitment to continuing Personal/Professional Development, including engaging with the annual P&DR process and attending appropriate training and development modules;
- Demonstrating an ability to observe and define priorities and timetables in the achievement of strategic and operational objectives, in turn successfully balancing the pressures of teaching, research and administrative demands and competing deadlines;
- Develop a longer-term research and teaching strategy that will allow continued development as an aspirational academic.

PERSON SPECIFICATION

Essential Knowledge, Skills and Experience:

- A PhD (or equivalent) in History of Science, Technology or Medicine, or Social Studies of Science, Technology or Medicine, or another related field of study;
- A track record of research output in accordance with career stage;
- Demonstrable potential to develop leadership in your specialism;
- Excellent interpersonal and communication skills evidenced by:
 - Previous collaborative work in research or teaching;
 - Clear communication of research to a variety of audiences and through different media;
- Excellent written and spoken English;
- A demonstrable commitment to fostering undergraduate- and postgraduate-level study and capacity to deliver teaching in your field of expertise.

Desirable Knowledge, Skills, Experience and Qualifications:

- Experience of, or the potential to develop, research collaborations, particularly through grant applications;
- A proven track record of presentation at conferences and workshops;
- Identified potential synergies with the work of colleagues in CHSTM or elsewhere at the

University of Manchester;

- Experience of, or the potential to develop, public engagement and research impact activities targeting non-academic audiences or bodies engaging with your research;
- Experience of undergraduate and postgraduate teaching;
- Experience with supervising or co-supervising research projects at different levels;
- Experience with virtual learning environments such as Blackboard;
- A track record of successful administrative experience.

COMMITMENT TO EQUALITY, DIVERSITY AND INCLUSION

We acknowledge that our academic cohort does not reflect the diversity of our wider society. Our desire to address this imbalance by attracting talented individuals from more diverse backgrounds is aligned with the University's commitment to equality for all our staff, students, stakeholders and visitors.

Equality Objectives

1. Improve the representation of women and black and minority ethnic (BME) staff in senior leadership, academic and professional support positions.
2. Take action to further understand and improve the experience of disabled staff as indicated in the staff survey.
3. Take action to further understand and address any differential outcomes of undergraduate students in relation to access, retention, attainment and progression to a positive graduate destination in relation to disability, ethnicity, gender and socio-economic status.
4. Take action to understand and address any inequalities for researchers.
5. Better understand the challenges, obstacles and barriers faced by different groups at the University and to foster good relations between people who share a relevant protected characteristic and those who do not share it.
6. Better understand the potential impact of University functions on certain groups by improving disclosure rates and reporting mechanisms for age, disability, ethnicity, caring responsibilities, religion or belief (including lack of belief) sexual orientation and gender reassignment.

The School of Medical Sciences currently holds an **Athena Swan Silver Award**. The Athena Swan Charter was established in 2005 to encourage and advance the careers of women in STEMM employment. In May 2015 the Charter was expanded to include non-STEMM Schools, professional and support staff, technical staff, and Trans staff and students. The Charter now also recognises work undertaken to address gender equality more broadly, and not just barriers to progression that affect women.

The **Race Equality Charter Mark** aims to improve the representation, progression and success of minority ethnic staff and students within higher education. It is owned by the Equality Challenge Unit, ECU, which works to further and support equality and diversity for staff and students in Universities and Colleges. The framework for the race equality charter mark builds on the experience and methodology of ECU's Athena SWAN Charter. The University of Manchester was proud to be one of the 31 higher education institutions involved in the trial of the Race Equality Charter Mark.

The University of Manchester placed 20th in the 2019 **Stonewall Equality Index** making it the most inclusive University in England for Lesbian, Gay, Bisexual and Trans* employees. Stonewall is Britain's leading charity for lesbian, gay, bi and trans equality, working to create a world where every single person can be accepted without exception. Stonewall's Top 100 is compiled from submissions to the Workplace Equality Index, a powerful benchmarking tool used by employers to assess their achievements and progress on LGBT equality in the workplace, as well as their wider work in the community and on service provision. Each organization must demonstrate their expertise in 10 areas of employment policy and practice, including networking groups, senior leadership, procurement and how well they've engaged with LGBT communities.

The University is a **Disability Confident** employer, committed to interviewing all disabled

applicants who meet all of the essential criteria set out in the person specification.

STAFF LEARNING AND DEVELOPMENT

The Staff Learning and Development (L&D) team support the personal and professional development of all staff in the University. They work closely with learning experts around the University including those based in local HR teams and those supporting academic staff and early career researchers (ECR) L&D offer everything from off the shelf, face to face training, to bespoke one to one development support. By planning activity both in response to the strategic goals of the University and the learning needs of individuals, we aim to become a truly leading learning organisation.

Centre for Academic and Researcher Development

Based within the Faculty of Biology, Medicine and Health, the Centre for Academic and Researcher Development delivers a number of face-to-face training programmes providing a variety of development opportunities for postgraduate students, research staff and academic staff. Their goal is to create an environment that supports you through every stage of your career, allowing you to excel and reach your full potential.

Development opportunities include:

- Faculty-specific 'New Academic and Fellows Programme'
- Academic Staff Development Programme – supporting you through the different stages of your academic career
- Pedagogic and Staff Development Programme
- Mentoring
- Leaders in Teaching Programme
- Promotion workshops and access to 'Promotion Champions'

Academic Staff Promotion

As an equal opportunities employer, the Faculty of Biology, Medicine and Health is committed to promoting equality and diversity for all and will support all suitably qualified candidates for promotion. The University has a transparent promotions processes and criteria. It seeks to reward activity that contributes to the success of the University in achieving its goals. Colleagues will be expected to take an active approach to their own career development, but will be given support and advice with their applications.