

## *Science, Technology and Medicine in Modern History*

General Editor: **John V. Pickstone**, Centre for the History of Science, Technology and Medicine, University of Manchester, England ([www.manchester.ac.uk/CHSTM](http://www.manchester.ac.uk/CHSTM))

One purpose of historical writing is to illuminate the present. At the start of the third millennium, science, technology and medicine are enormously important, yet their development is little studied.

The reasons for this failure are as obvious as they are regrettable. Education in many countries, not least in Britain, draws deep divisions between the sciences and the humanities. Men and women who have been trained in science have too often been trained away from history, or from any sustained reflection on how societies work. Those educated in historical or social studies have usually learned so little of science that they remain thereafter suspicious, overawed, or both.

Such a diagnosis is by no means novel, nor is it particularly original to suggest that good historical studies of science may be peculiarly important for understanding our present. Indeed this series could be seen as extending research undertaken over the last half-century. But much of that work has treated science, technology and medicine separately; this series aims to draw them together, partly because the three activities have become ever more entwined. This breadth of focus and the stress on the relationships of knowledge and practice are particularly appropriate in a series which will concentrate on modern history and on industrial societies. Furthermore, while much of the existing historical scholarship is on American topics, this series aims to be international, encouraging studies on European material. The intention is to present science, technology and medicine as aspects of modern culture, analysing their economic, social and political aspects, but not neglecting the expert content which tends to distance them from other aspects of history. The books will investigate the uses and consequences of technical knowledge, and how it was shaped within particular economic, social and political structures.

Such analyses should contribute to discussions of present dilemmas and to assessments of policy. 'Science' no longer appears to us as a triumphant agent of Enlightenment, breaking the shackles of tradition, enabling command over nature. But neither is it to be seen as merely oppressive and dangerous. Judgement requires information and careful analysis, just as intelligent policy-making requires a community of discourse between men and women trained in technical specialities and those who are not.

This series is intended to supply analysis and to stimulate debate. Opinions will vary between authors; we claim only that the books are based on searching historical study of topics which are important, not least because they cut across conventional academic boundaries. They should appeal not just to historians, nor just to scientists, engineers and doctors, but to all who share the view that science, technology and medicine are far too important to be left out of history.

*Titles include:*

Julie Anderson, Francis Neary and John V. Pickstone  
SURGEONS, MANUFACTURERS AND PATIENTS  
A Transatlantic History of Total Hip Replacement

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ACUPUNCTURE, EXPERTISE AND CROSS-CULTURAL MEDICINE

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# Surgeons, Manufacturers and Patients

## A Transatlantic History of Total Hip Replacement

Julie Anderson, Francis Neary and John V. Pickstone

*Centre for the History of Science, Technology and Medicine  
The University of Manchester*

In collaboration with James Raftery

*Wessex Institute for Health Research and Development  
The University of Southampton*

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*In Memoriam*

*Florence Pickstone*  
*(1913–2001)*

*Helen Falconer Anderson*  
*(1915–2002)*

*Dorothy Neary*  
*(1922–1992)*

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# Notes on Authors

**Dr. Julie Anderson** is a Research Associate in the Centre for the History of Science, Technology and Medicine (CHSTM) and Wellcome Unit for the History of Medicine at the University of Manchester. Her areas of research include the history of disability and blindness and she has published on disability and gender, sport and medicine. With Carsten Timmermann she edited *Devices and Designs: Medical Technologies in Historical Perspective* (2006). She is currently completing a book on the history of rehabilitation in the Second World War.

**Dr. Francis Neary** is a Research Associate at CHSTM, University of Manchester. After completing his doctoral thesis on human consciousness and scientific biography in the late 19<sup>th</sup> century at the University of Lancaster, he worked on the history of psychiatry in the 20<sup>th</sup> century at the University of Exeter. More recently at CHSTM, he has been researching on the history of material culture and innovation in joint replacement technologies and he has curated three exhibitions on the past, present and future of hip replacement.

**Professor John V. Pickstone** has worked in Manchester since 1974, and founded the Wellcome Unit and the CHSTM in 1986. He directed the Centre till 2002, since then he has been a Research Professor. His present research is mostly on recent medicine, especially on cancer services, medical technology, and the NHS around Manchester. He is the author of *Ways of Knowing: a New History of Science, Technology and Medicine* (2000), and editor, with Roger Cooter of the *Companion to Medicine in the Twentieth Century* (2002).

**Professor James Raftery** is Director of the National Coordinating Centre for Health Care Technology Assessment, and of the Wessex Institute for Health Research and Development at the University of Southampton's School of Medicine. He previously directed the Health Economics Facility at the University of Birmingham. His interests include the use of modelling in evaluating healthcare interventions, economic evaluation alongside clinical trials, and the use of routine data in health technology assessment.