

Women in Science in the Archives

Thursday 8 September 2016

9.00am-1.00pm

Lecture Theatre, Weston Library
Bodleian Libraries, Oxford



Bodleian Libraries
UNIVERSITY OF OXFORD

Programme

9:00 Registration and coffee

9:20 Welcome and introduction Susan Thomas

9:30 Women in science in the archives

Mary Somerville (1780-1872) – Ruth Boreham

Mabel FitzGerald (1872-1973) – Martha Tissot van Patot
Svenja Kunze

Dorothy Hodgkin (1910-1994) – Georgina Ferry

11:10 Coffee in Blackwell Hall

11:30 Being a female scientist

Frances Ashcroft in conversation with Callan Walsh

12:10 Representing 21st century women in science

panel discussion with Karolina Chocian, Natalie Connor-
Robson, Fiona Larner, Sanne Peters and Sana Suri
moderator: Callan Walsh

12:50 Closing remarks Peter Robbins

13:00 End



Speakers

Prof Frances Ashcroft is Professor of Physiology at the University of Oxford and a Fellow of Trinity College. Her research focuses on how a rise in blood sugar stimulates insulin release from the pancreas and how this process goes wrong in diabetes. She has also written two popular science books.

Ruth Boreham is a historical researcher, workshop facilitator and writer based in Edinburgh. She first discovered Mary Somerville when she was working for the National Library of Scotland, going through the treasure that is the John Murray Archive, back in 2005 and has been obsessed with her ever since.

Dr Karolina Chocian is a first year postdoc in the University of Oxford Biochemistry Department where she also completed her PhD. She is working on modelling neurodegeneration in the simple multicellular organism *C. elegans*. Alongside her research she is involved in various science communication events as she believes being able to share scientific progress with the public is a vital skill.

Dr Natalie Connor-Robson is a postdoctoral career development fellow at the Oxford Parkinson's Disease Centre, Department of Physiology, Anatomy and Genetics. Her research is based around characterizing the earliest pathogenic changes that occur in Parkinson's disease and trying to understand how this leads to disease.

Georgina Ferry is a freelance science writer, and biographer of Dorothy Hodgkin. She has also written and produced a play based on Hodgkin's letters, and presented two series of broadcasts for BBC Radio 4, featuring dramatised readings of the letters of Dorothy Hodgkin and Ada Lovelace respectively.

Svenja Kunze is a project archivist at the Bodleian Library Archives and Modern Manuscripts department, where she is currently working on the archive of Mabel Purefoy FitzGerald. She also has a keen interest in born-digital archives, especially in web archives curation and preservation.

Dr Fiona Lerner is an early career researcher at the interdisciplinary crossroads. She applies and develops chemical techniques used widely in planetary sciences to medical and biochemical research, particularly focusing on trace metal metabolism.

Dr Sanne Peters is a Research Fellow in Epidemiology at The George Institute for Global Health at the University of Oxford. Her research is primarily focused on the determination and quantification of major and modifiable risk factors for chronic diseases and how these associations may differ between women and men.

Prof Peter Robbins is Professor of Physiology at, and head of, the Department of Physiology, Anatomy and Genetics at the University of Oxford. His research in human physiology focusses on understanding integrated systems-level responses - particularly cardiorespiratory and metabolic responses - to hypoxia, to exercise and, more recently, to variations in iron status.

Dr Sana Suri obtained her DPhil at the University of Oxford and is a postdoctoral research associate in the Department of Psychiatry. Her research combines advanced neuroimaging methods to study risk and resilience factors for Alzheimer's disease.

Susan Thomas is Head of Archives and Modern Manuscripts at the Bodleian Library, where she is responsible for developing and managing the Library's modern (post-1800) archives in many subject areas, including science and medicine. She is concerned with capturing a good archival record of important Oxford contributions to science, and has a particular interest in the changing shape of archives as more of the potential historical record turns digital.

Dr Martha Tissot van Patot is a physiologist and former professor and research scientist from Colorado published in the fields of hypoxia, high altitude and pregnancy. She is currently researching and writing the biography of Mabel Purefoy FitzGerald.

Callan Walsh is a Fellow with the international philanthropic consultancy pfc social impact advisors and a recent graduate of Oxford University's Said Business School. Before pursuing her MBA, she served as a social impact advisor to some of the world's most well-known female philanthropists and humanitarians.

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