

Professor Dame Wendy Hall DBE FRS FREng FCGI

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Websites

[University of Southampton profile](#)
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Present Appointments (most significant):

- 2020 - Chair of the Ada Lovelace Institute
- 2019 - Associate Vice President (International Engagement), University of Southampton
- 2018 - UK AI Skills Champion and Member of AI Council
- 2017 - Regius Professor of Computer Science, University of Southampton
- 2017 - Executive Director, Web Science Institute

See below for other chair and NED roles

Previous Appointments:

- 2017-2018 Co-chair UK Government AI Review (published October 2017)
- 2010-2014 Dean, Faculty of Physical Sciences and Engineering, University of Southampton
- 2008-2010 President of the ACM – the first non-North American to hold this post – and chair of ACM Council
- 2003-2004 President of the British Computer Society and chair of BCS Council
- 2002-2007 Head of School, Electronics and Computer Science, University of Southampton
- 1996-2002 EPSRC Senior Research Fellow
- 1994-2017 Professor of Computer Science, Department of Electronics and Computer Science, University of Southampton
- 1984-1994 Lecturer, then Senior Lecturer, Department of Electronics and Computer Science, University of Southampton
- 1978-1984 Lecturer, then Senior Lecturer in Mathematics and Computing, La Sainte Union College of H.E., Southampton
- 1977-1978 Lecturer in Engineering Mathematics, Oxford Polytechnic

Qualifications:

- 1986 M.Sc. Computer Science, City University
- 1977 Ph.D. Mathematics, University of Southampton
- 1974 B.Sc. (Hons) Mathematics (First Class) University of Southampton

Honours, Awards, Decorations and Professional Societies

- 2022 ACM President's Award, ACM, USA
- 2021 Distinguished Visiting Professor, Tsinghua University, Beijing, China
- 2018 Visiting Professor, National University of Singapore
- 2016 Kluge Chair in Technology and Society, Library of Congress, USA.
- 2016 Recipient of MRC Suffrage Science Award, London Institute of Medical Sciences
- 2016 Distinguished Fellow, British Computer Society
- 2016 Recognised as 1 of 50 most Inspiring Women in Technology, Inspiring Fifty
- 2015 ACM Award for Contribution to the ACM, USA
- 2014 Named as Most Influential Woman in IT in the UK in 2014, Computer Weekly
- 2014 Recognition of being 1 of 100 Leading Practising Scientists, Science Council
- 2013 Named 1 of 100 Most Powerful Women in UK, UK Women's Hour Power List
- 2011 Lifetime Achievement Award, Oxford Internet Institute
- 2011 FRS, Fellow of the ACM, USA
- 2011 Named as 26th Most influential Scientist in the UK, Times Newspaper
- 2010 Granted Honorary Citizenship, Municipal Council of Veria, Greece
- 2009 FRS, Fellow of the Royal Society
- 2009 Duncan Davies Medal, Research and Development Society
- 2009 IEEE Engineering the Future Award, Institute of Electrical and Electronics Engineers
- 2009 DBE, Queen's New Year's Honours List, UK

2008 Guest Professor, Tsinghua University, Beijing, China
2006 Anita Borg Award for Technical Leadership, Anita Borg Institute, USA
2006 Women of Outstanding Achievement in SET for Scientific Discovery & SET Innovation, RAEng
2005 Awarded Diana Patterson for Corporate Leadership in Technical Communication, ACM SIGDOC, USA
2004 CITP, Chartered IT Professional, British Computer Society
2004 Named as 1 of 40 Tech Guru's, IEEE Spectrum
2002 FCGI, Fellowship of the City & Guilds of London Institute
2000 FEng, Fellow of the Royal Academy of Engineering
2000 CBE, Queen's Birthday Honours List, UK
1997 FIEE, Fellow of the Institute of Electrical Engineers (now the IET)
1996 FBCE, Fellow of the British Computer Society
1990 C.Eng, Chartered Engineer, Engineering Council
1987 MBCS, Member of British Computer Society

Honorary Degrees:

2020 Hong Kong Baptist University
2015 University of Bradford
2015 The Open University
2014 University College London
2013 University of Sussex
2013 The City University London
2012 Queen's University, Belfast
2012 Birmingham University
2012 Dalhousie University, Canada
2010 Aristotle University of Thessaloniki
2009 University of Glasgow
2008 University of Loughborough
2007 University of Pretoria, South Africa
2005 University of Glamorgan
2004 Honorary Fellow, Cardiff University
2002 Oxford Brookes University

Books Published (most significant):

2021 Four Internets: Data, Geopolitics and the Governance of Cyberspace. O'Hara, K. & Hall, W.
2019 Theory and Practice of Social Machines. Shadbolt, N., O'Hara, K., De Roure, D & Hall, W.
1999 Hypermedia and the Web: an Engineering Approach. Lowe, D. & Hall W.
1996 Rethinking Hypermedia: the Microcosm Approach. Hall, W., Davis, H. & Hutchings, G.

Policy Reports:

UK Government AI Sector deal (2018)

<https://www.gov.uk/government/publications/artificial-intelligence-sector-deal>

UK Government AI review "Growing the artificial intelligence industry in the UK" (2017)

<https://www.gov.uk/government/publications/growing-the-artificial-intelligence-industry-in-the-uk>

Final report of the Global Commission on Internet Governance: One Internet (2016)

https://www.cigionline.org/sites/default/files/gcig_final_report_-_with_cover.pdf

RUSI report “A Democratic Licence to Operate: Report of the Independent Surveillance Review” (2015)
<https://data.guardint.org/api/files/1594905967474nm0f1didp9g.pdf>

UK Prime Minister’s Council for Science and Technology report “Better Use of Personal Information: Opportunities and Risks” (2005)
<https://webarchive.nationalarchives.gov.uk/20120306014508/http://www.bis.gov.uk/assets/bispartners/cst/docs/files/cst-reports/05-2177-better-use-personal-information>

Research track record and profile:

The full list of my research publications (over 500) can be found at
<https://www.ecs.soton.ac.uk/people/wh#publications>

I am well known for the development of the Microcosm hypermedia system in the mid-1980s, which was a forerunner to the World Wide Web. I was heavily involved in the development of the research disciplines of multimedia and hypermedia, the Web and the Semantic Web and a co-founder of the interdisciplinary study of the Web we called Web Science

In addition to playing a prominent role in the development of computing, I also help shape science and engineering policy and education. Through my leadership roles on national and international bodies, I have shattered many glass ceilings, readily deploying my position on numerous national and international bodies to promote the role of women in SET and acting as an important role model for others.

I have supervised over 50 students to successful completion of their PhD.

I very much enjoy public speaking. I have given numerous invited talks and keynotes at national and international conferences and meetings and been involved in many interviews and panels in various media outlets. More recently I have spoken about AI Policy at many national and international events including select committees and other parliamentary groups in Westminster, the UN in Geneva, the OECD in Paris, the EU Parliament in Brussels and the World Bank in Singapore as well as in the media.

Professional Activities outside the University

Recent Significant Appointments of Scientific Societies and Committees:

2022 Co-Chair, ACM Publications board
2022 - Editor-in-Chief of Royal Society Open Science
2021 - BEIS People and Culture Steering Group (Science Expert Group)
2020 - Joint Biosecurity Centre in the Department of Health and Social Care: Data Science Advisory Board
2020 HDR UK Establishment Review Panel (MRC) (UKRI)
2020 - Distinguished Fellow, Atlantic Council Geotech Center, USA

Other Scientific Societies, Committee Memberships and Posts held:

2018 - Fellow, The Alan Turing Institute (ATI)
2018 - Advisory Panel member of AI Singapore International
2018 Advisory Board member of A* Star Digital Technologies (CAB)
2018-2022 Member of RAE 2021 Computer Science Panel, UK
2017 - Chair of International WWW Conference Committee (IW3C2)
2017 - Member of Computer Science Review Panel, Ministry of Education, Singapore
2017 - Member of Computer Science Advisory Board, Tsinghua University, China
2016 - Chair of Royal Society Publishing Board

2016-2018 Member of the World Economic Forum Global Council on Digital Economy and Society
 2014-2017 Chair of the British Council Education Advisory Group
 2014-2016 Member of the Global Commission on Internet Governance
 2013-2017 Member of Council, Royal Society
 2012-2018 Non-Exec Director, Defence Science and Technology Board
 2012-2016 Member of the World Economic Forum Global Council on Robotics and Smart Devices
 2010-2012 Chair, EU Commission's IST Advisory Group (ISTAG), EU
 2009 - Executive Director of the Web Science Trust (WST) (registered charity)
 2009-2019 Member of ACM Europe Council
 2007-2015 Member of the British Library Board, UK
 2006-2008 Vice President of the ACM
 2005-2010 Founding Member of the Scientific Council of the European Research Council, EU.
 2005-2008 Senior Vice President of the Royal Academy of Engineering
 2004-2011 Chair of the UKCRC Grand Challenges Committee
 2004-2010 Member of UK Prime Minister's Council for Science and Technology
 2004-2008 Member of the RAE 2008 Computer Science Panel, UK
 2004-2007 Member of the IEE Publications Board
 2004-2006 Member of ACM Council
 2002-2003 Cabinet Office, TOP Management Course
 2002-2005 Member of the UKCRC Executive
 2002-2005 Council Member of the Royal Academy of Engineering
 2002-2003 Deputy President of the BCS
 2001-2002 Vice President, (Knowledge Services) British Computer Society
 2001-2002 Member of the RAE 2001 Computer Science Panel, UK
 1999-2006 Member of the ACM Publications Board
 1998-2001 Vice President, (Publications) British Computer Society
 1997-2002 Council Member of the EPSRC
 1997- Member of the International WWW Conference Committee (IW3C2)
 1995-1998 Member of the Technology Foresight ITEC panel
 1995-1998 Chair of the British Computer Society Publications Committee
 1995 Member of the EPSRC Computing College
 1995 Member of the Duke of Edinburgh's Leadership Forum

Non-Executive Directorships and Company roles:

2021 Advisory Board, Telicent plc
 2021 Advisory Board, BT Group plc, Technical Advisory Board
 2020 Advisory Board, Bennett Institute for Public Policy
 2020 Advisory Board, Sciteb
 2020 Non-Executive Director, Digital Jersey
 2020 Member, Scientific Advisory Committee, Qatar Computing Research Institute (QCRI)
 2019 Advisory Board, Modular Open-Source Identity Platform International (MOSIP)
 2019 Scientific Advisory Board Member, Habitat Learn Group (formerly NX3 Technologies)
 2019 Advisory Council, National Physical Laboratory Science and Technology (NPL STAC)
 2019 Member of the Chair's Scientific Committee, Kurgan-van Hentenryk Chair in Business History of the Solvay Brussels School
 2018 Advisory Board, Institute of Coding Diversity & Inclusion (IOC)
 2018 Advisory Council, Riken, Japan
 2016 Member of International Advisory Board, Bonn-Aachen International Center for Information Technology (b-it)
 2013-2021 Non-Executive Director, Digital Economy Catapult
 2012-2018 Non-Executive Director, Defence Science and Technology Board
 2012-2015 Non-Executive Director, IDOX plc
 2009 Executive Director of the Web Science Trust

2006-2011 Chair of the Garlik Strategic Advisory Board
2005-2006 Director, Garlik Ltd (formerly Richmond Informatics)
2004-2007 Director, Innos Ltd
2004 Director Seme4 Ltd
2003-2007 Director, ECS Partners Ltd
1994-2004 Director, Active Navigation Ltd (formerly Multicosm)

Significant Editorial Boards and Conference Committees:

IEEE Multimedia (Founding Editorial Board Member)
Journal of Digital Information (Founding Co-Editor)
Computer Journal
Interface (Royal Society)
Foundations and Trends in Web Science (Founding Co-Editor)
ACM Multimedia'96 (Programme Co-Chair)
ACM Hypertext'97 (Conference Co-Chair)
ACM Multimedia'98 (Conference Co-Chair)
WWW2006 (Conference Co-Chair)
ACM Web Science 2009 to Present (Steering Group Chair)
ACM Web Science 2020 &2021 (Conference Chair)