

Professor Dame Wendy Hall DBE FRS FREng FACM FBCS FIET FCGI

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Present Appointments (most significant):

2023	United Nations member, high-level advisory body on artificial intelligence
2019-	Associate Vice President (International Engagement), University of Southampton
2017-	Regius Professor of Computer Science, University of Southampton
2017-	Director, Web Science Institute

See below for other chair and NED roles

Previous Appointments

2020-2023	Chair, Ada Lovelace Institute
2018-2023	UK AI Skills Champion and member of AI Council
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, ACM – the first non-North American to hold this post
2003-2004	President, 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

2023	Distinguished STEM Alumni award winner, City University of London
2023	Named as 27 th most Influential people in UK Technology, Computer Weekly UKTech50
2022	Named as 14 th WSAI community's top 50 Innovators
2022	ACM President's Award, ACM, USA
2021	Distinguished Visiting Professor, Tsinghua University, Beijing, China
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 26 th 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 FREng, 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 FBCCS, Fellow of the British Computer Society
 1990 C.Eng, Chartered Engineer, Engineering Council
 1987 MBCS, Member of British Computer Society

Honorary Degrees:

2023 Universität Oberta de Catalunya Barcelona
 2022 Brunel University, London
 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/1594905967474nm0fl didp9g.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:

2023?	Department for Digital, Culture, Media and Sport (DCMS)
2023	Steering group member, National Compute Index (Tony Blair institute for Global change)
2022-	Co-Chair, ACM Publications board
2022	Foundation member, AI and Data Literacy initiative, Raspberry Pi Foundation
2022-	Editor-in-Chief, Royal Society Open Science
2021-	BEIS People and Culture Steering Group (Science Expert Group) B-SEG
2020-	Data Science Advisory Board, Joint Biosecurity Centre in the Department of Health and Social Care. (JBC DSAB)
2020	HDR UK Establishment Review Panel (MRC) (UKRI)
2020-	Distinguished Fellow, Atlantic Council Geotech Center, USA

Other Scientific Societies, Committee Memberships and Posts held:

2021-2022 Expert Commissioner, Global Britain Commission

2019 Advisory Board, Modular Open-Source Identity Platform International (MOSIP)
2018-2023 Fellow, The Alan Turing Institute (ATI)
2018- Advisory Panel member, AI Singapore International
2018 Advisory Board member, A* Star Digital Technologies (CAB)
2018-2022 Visiting Professor, National University of Singapore
2018-2022 Member, RAE 2021 Computer Science Panel, UK
2017- Chair, International WWW Conference Committee (IW3C2)
2017-2022 Member, Computer Science Review Panel, Ministry of Education, Singapore
2016- Member, Computer Science Advisory Board, Tsinghua University, China
2016-2022 Chair, Royal Society Publishing Board
2016-2018 Member, World Economic Forum Global Council on Digital Economy and Society
2014-2017 Chair, British Council Education Advisory Group
2014-2016 Member, Global Commission on Internet Governance
2013-2017 Member, Council, Royal Society
2012-2018 Non-Executive Director, Defence Science and Technology Board
2012-2016 Member, World Economic Forum Global Council on Robotics and Smart Devices
2010-2012 Chair, EU Commission's IST Advisory Group (ISTAG), EU
2009-2019 Member, ACM Europe Council
2007-2015 Member, British Library Board, UK
2006-2008 Vice President, ACM
2005-2010 Founding Member, Scientific Council of the European Research Council, EU.
2005-2008 Senior Vice President, Royal Academy of Engineering
2004-2011 Chair, UKCRC Grand Challenges Committee
2004-2010 Member, UK Prime Minister's Council for Science and Technology
2004-2008 Member, RAE 2008 Computer Science Panel, UK
2004-2007 Member, IEE Publications Board
2004-2006 Member, ACM Council
2002-2003 Cabinet Office, TOP Management Course
2002-2005 Member, UKCRC Executive
2002-2005 Council Member, Royal Academy of Engineering
2002-2003 Deputy President, BCS
2001-2002 Vice President, (Knowledge Services) British Computer Society
2001-2002 Member, RAE 2001 Computer Science Panel, UK
1999-2006 Member, ACM Publications Board
1998-2001 Vice President, (Publications) British Computer Society
1997-2002 Council Member, EPSRC
1997-2022 Member, International WWW Conference Committee (IW3C2)
1995-1998 Member, Technology Foresight ITEC panel
1995-1998 Chair, British Computer Society Publications Committee
1995 Member, EPSRC Computing College
1995 Member, Duke of Edinburgh's Leadership Forum

Non-Executive Directorships and Company roles:

2022 Steering Board, Greater Manchester AI and Digital Trust initiative
2022 Advisory board member, MBDA Systems UK Ltd
2022-2023 DCC Advisory Panel member, NEOM, Saudi Arabia
2021 Advisory Board, Telicent plc
2021-2023 Advisory board member, BT Group plc, Technical Advisory Board
2021 Member Ethics Committee, Modular Open-Source Identity Platform International (MOSIP)
2020 Patron, Teentech
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 Scientific Advisory Board Member, Habitat Learn Group (formerly NX3 Technologies)
 2019 Advisory Council, National Physical Laboratory Science and Technology (NPL STAC)
 2019 Member, 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, International Advisory Board, Bonn-Aachen International Center for Information Technology (B-it)
 2013-2021 Non-Executive Director, Digital Economy Catapult - Machine Intelligence Garage Ethics Board
 2012-2018 Non-Executive Director, Defence Science and Technology Laboratory Board
 2012-2015 Non-Executive Director, IDOX plc
 2009 Director, Web Science Trust (registered charity)
 2006-2011 Chair, 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:

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