CURRICULUM VITAE

Name	**Professor Dr. Helga Nowotny, Ph.D.** born in Vienna, Austria, Austrian citizenship
Current Position	Chair of the Scientific Advisory Board, Complexity Science Hub, Vienna; CO-Principal Investigator "The Socioscope. A pioneering methodology for understanding societal transitions" funded by the NOMIS Foundation;
Membership in Advisory Boards (selected)	Member of the Board of Trustees of the Falling Walls Foundation, Berlin; Member of the Austrian Council for Sciences, Technology, and Innovation; Member of the Council of Administration at the IEA de Paris;
Former Position (selected)	Professor em. Science and Technology Studies, ETH Zurich, Founding Member and Former President, European Research Council, ERC; Professor of Science and Technology Studies, STS, University of Vienna; Vice-President of the Council for the Lindau Nobel Laureate Meetings; Permanent Fellow, Collegium Budapest/Institute of Advanced Study, Budapest; Fellow, Wissenschaftskolleg zu Berlin; Chair of the European Research Advisory Board, EURAB, European Commission; Research Fellow, King's College, Cambridge, UK;
Address	CSH Complexity Science Hub Metternichgasse 8 AT-1030 Vienna, Austria e-mail: nowotny@csh.ac.at personal homepage: www.helga-nowotny.eu
Fields of research	Science and technology studies, STS; science and innovation policies; time; risk and uncertainty; societal impact of Artificial Intelligence

Awards and Honours

Honorary Doctorates

Ph.D. Honoris Causa, Weizmann Institute of Science, Israel
Doctor Honoris Causa University of Oxford
Doctor Honoris Causa, University of Lund
Doctor Honoris Causa, University of Lancaster
Doctor Honoris Causa, Leuphana University Lüneburg
Doctor Honoris Causa, University of Leuven
Doctor Honoris Causa, University of Twente
Doctor Honoris Causa, University of Bergen
Doctor Honoris Causa, University of Edinburgh
Doctor Honoris Causa, Nanyang Technological University
Doctor Honoris Causa, Chinese University of Hong Kong

Member of Academies of Science

Member, Academia Europaea since 1989
Foreign Member, The Royal Swedish Academy of Sciences
Foreign Member, Accademia Nazionale dei Lincei
Foreign Member, Accademia delle Scienze di Torino
Foreign Member, Royal Society of Science at Uppsala
Foreign Member, Royal Flemish Academy of Belgium for Science and the Arts
Honorary Member, Austrian Academy of Sciences

Other Awards

Fellow of the American Association for the Advancement of Science
Fellow, International Science Council
President's Medal of the British Academy
Leibniz-Medaille, Berlin-Brandenburgischen Akademie der Wissenschaften
John Desmond Bernal Prize for Distinguished Contribution to the Field
International Society for the Study of Science for lifetime achievements
Distinguished Senior Scientist of the Johanna Quandt Young Academy at Goethe University Frankfurt (JQYA)
Senior Visiting Fellow, School of Transnational Goverance, EUI Florence
Distinguished Affiliated Professor, Technische Universität München
Dorothea-Schölzer-Medaille, University of Göttingen
Arthur Burkhardt Preis
Grosses Silbernes Ehrenzeichen für Verdienste um die Republik Österreichisches Ehrenkreuz für Wissenschaft und Kunst I. Klasse
Preis der Stadt Wien für Geisteswissenschaften
Goldenes Ehrenzeichen für Verdienste um das Land Wien

Selected Publications

Books

Zukunft braucht Weisheit. Protokolle einer Grenzwanderung. Berlin: Matthes & Seitz, 2025 (In print). A vastly expanded version of:

Future Needs Wisdom. An Intellectual Memoir. Hong Kong :Chinese University of Hong Kong Press, 2024

In AI We Trust. Power, Illusion and Control of Predictive Algorithms. Cambridge: Polity Press, 2021, translated into Italian, Spanish, Mandarin and German

The Cunning of Uncertainty. Cambridge: Polity Press, 2015; PB 2017

An Orderly Mess. Budapest: Central European University Press, 2017

Naked Genes: Reinventing the Human in the Molecular Age. (with G. Testa), Cambridge, Mass.: MIT Press, 2011 (Original in German, 2009, 2005) (translated into Italian)

Cultures of Technology and the Quest for Innovation (ed.), London: Berghahn Books, 2006

Re-Thinking Science. Knowledge and the Public in an Age of Uncertainty (with P. Scott, M. Gibbons) Oxford: Polity, 2001

After the Breakthrough: the emergence of high temperature superconductivity as a research field. (with U. Felt) Cambridge: Cambridge University Press, 1997

The New Production of Knowledge. The Dynamics of Science and Research in Contemporary Societies. (with M. Gibbons, C. Limoges, S. Schwartzman, P. Scott, M. Trow) London: Sage 1994

Time. The Modern and Postmodern Experience. Cambridge: Polity Press, 1994 (Eigenzeit. Entstehung und Strukturierung eines Zeitgefühls. Frankfurt a.M.: Suhrkamp, 1987)

Recent Articles

"Bringing back friction: reflections on a humanistic culture of AI Interdisciplinarity", Cambridge Forum on AI: Culture and Society, forthcoming 2025

"The Food Socioscope: a new instrument to better understand Transitions towards greater sustainability", (with S. Lahlou, P. Yamin, S. Thurner and A. Cordelois), Proceedings of the Paris Institute for Advanced Study, 2024

"The Illusion of Control: Living with Digital Others." Global Perspectives 2024

"AI as an Agent of Change", (with I. Van Hoyweghen and J. Vandewalle) KVAB Position paper 85 b, 2023