

Membership in Academies

Member of the American Philosophical Society, Humanities Section, as of 2026

Corresponding Member of the Saxon Academy of Sciences and Humanities: Mathematics-Natural Sciences Section, as of 2026

Corresponding Member of Acatech: Deutsche Akademie der Technikwissenschaften (German Academy of Science and Engineering), as of 2022

Corresponding Member of the Académie Internationale d'Histoire des Sciences, Liege, Belgium, as of 2012

Corresponding Member of the Deutsche Nationale Akademie der Wissenschaften-Leopoldina (German National Academy of Sciences, as of 2011

Corresponding Member of the Akademie der gemeinnützigen Wissenschaften, Erfurt, Germany (Academy of the Non-profit Sciences), as of 2009

Keynote and Named Addresses/Lectures:

“Technologie, Kapital und Macht: die Debatte über künstliche Intelligenz historisch betrachtet,” Sommerakademie der deutschen Sparkassen und Giroverband, Bonn, 7 July 2026.

“The Strange Case of the Trautonium and the Early Years of Electronic Music,” Marcus Bierich Lecture, American Academy of Berlin, 21 March 2023.

“Engineering Fidelity: Early Radio and the Trautonium in Berlin in the 1920s and ‘30s,” William & Myrtle Harris Distinguished Lecture in Science and the Humanities, Caltech, 5 May 2022

“Humangenetik in den USA und Deutschland,” Ruperto-Carola-Ringvorlesung, Universität Heidelberg, 17 November 2020 (via zoom)

“Genes, Patents, and Race,” John R. Mather Lecture, University of Delaware, 7 November 2019.

“Physicists, Physiologists, and the Standardization of Musical Performance and Musicians’ Bodies,” keynote to the Annual Conference of the Association for Research in Otolaryngology, Baltimore, MD, 11 February 2019

“Owning Knowledge: Gene Patenting and genetic Information,” Ca’Foscari University (Venice, Italy), Public Lecture, 4 December 2018.

“Machines, Music and Aesthetics in the 20th Century,” Keynote Lecture: The Cohn Institute for the History & Philosophy of Science and Ideas, Tel Aviv University (Israel), 16 May 2016

“Gene Patenting and Race and Genomics in the US and Germany,” Alexander von Humboldt Foundation Annual Meeting, Washington, D.C. 1-4 March 2017, lecture 3 March.

Turned down invitation to deliver the Hans Rausing Endowed Lecture in the History of Science, University of Uppsala, Sweden. 2016

“The Genealogy of a Gene: Patents, HIV/AIDS, and Race,” Keynote for the 10th anniversary for the Bioethics Institute of the Central European University, Budapest, Hungary, 13 January 2016.

“The Genealogy of a Gene: Patents, HIV/AIDS, and Race,” Alexander von Humboldt Lecture of the Technical University of Berlin, 30 October 2014.

“Forschungstechnologies im 19. Jahrhundert,” keynote to the Annual Meeting of the German Association for the History of Medicine, Science and Technology, Stuttgart (9/11/2012)

“From Physical Instruments of Measurement to Musical Instruments of Aesthetics,” Hans Rausing Endowed Lecture of the Department of the History and Philosophy of Science, Cambridge University (5/09)

“The Biography of a Gene: CCR5 and Patenting in the Age of Biocapitalism,” The Francis Bacon Prize Lecture, Division of the Humanities and Social Sciences, Caltech (5/10)

Research Grants, Fellowships, and Prizes:

Summer 2026: Renewal of the Reimar Lüst Prize-Alexander von Humboldt Research Prize, Alexander von Humboldt Foundation

Summer 2022: Visiting Professor of the Institute for Advanced Study at the Technical University of Munich.

September 2016-July 2017: Fellowship at the Institute for Advanced Study, Berlin

Summer 2016: Visiting Fellow at the Max-Planck-Institute for the History of Science, Berlin

2014: Robert Bosch Fellowship from the American Academy of Berlin for the fall of 2014

2014: Reimar-Lüst/Humboldt Prize of the Alexander-von-Humboldt Foundation

2014: Fellowship from the Institute for Advanced Study in Berlin (Wissenschaftskolleg zu Berlin) for the academic year 2016-17

2013: NYU Global Campus Network Grant to co-host a summer academy on the history of sound for graduate students at NYU-Berlin

Summer 2011: Alexander-von-Humboldt Continuation Fellowship for summer research at the Fraunhofer Institute for Applied Mathematics, Kaiserslautern, Germany

2010: Francis Bacon Award in the History and Philosophy of Science and Technology, Caltech

2008: NYU 'Seed Grant' Money for two conferences, joint NYU-Poly and Gallatin-NYU

2008: Recipient of the Hans-Sauer-Prize for the Best Contribution to the History of Invention for *Spectrum of Belief*.

2006: Recipient of the Graves Award for Outstanding Professor in the Humanities

2006: Maurice A. Biot Grant for archival research at the California Institute of Technology

2005: Paul-Bunge-Prize for Outstanding Contribution to the Historical Understanding of Scientific Instrument Makers for *Spectrum of Belief*

September 2003-July 2004: Senior Research Fellowship, The Dibner Institute for the History of Science and Technology, MIT and Visiting Scholar of the Department of the History of Science, Harvard University

Summer of 2001: Recipient of an Oregon Council for the Humanities and National Endowment for the Humanities Summer Research

December 1999-July 2000 and May 2001- August 2001: Alexander von Humboldt Junior Fellowship

1996-7: Herbert C. Pollock Award in the History of Astrophysics from the Dudley Observatory

September 1993-August 1994: National Science Foundation Fellowship, Harvard University

September 1992- August 1993: Mellon Fellow in the Department of History of Science at Harvard University. PI: Prof. Peter Galison

April 1992: Deutsches Museum, Two-Month Research Fellowship, DAAD Fellowship

September 1991-July 1992: Walther-Rathenau-Postdoctoral Fellowship in the History of Science, Technische Universität Berlin

1989-1990: Worts Traveling Scholar of Cambridge University: Visiting Doctoral Student at the Beinecke Rare Books and Manuscripts Library, Yale University; Visiting Fellow of the Department of Germanic Languages and Literatures, Harvard University; Visiting Researcher at the Goethe-Schiller-Archives in Weimar, Germany

1988-1991: Ribbands Scholar of Wolfson College, Cambridge University

1988-1990: Leopold Schepp Scholar and Overseas Research Scholar of Cambridge University

May-August 1986: German Academic Exchange Service (DAAD) Fellowship for research in molecular genetics at Universität Düsseldorf, Germany

1983: Grawemeyer Award for Outstanding Research by an Undergraduate (for research at the Max-Planck-Institute for Biochemistry, Munich, Germany)