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## Curriculum Vitae Prof. Dr. Myles W. Jackson

**Name:** Myles W. Jackson

**Born:** 25 November 1964



Photo: Markus Scholz | Leopoldina

**Research Priorities:** Molecular biology and intellectual property in Europe and the US, music, science and technology in the 18th, 19th and 20th century, bioethics, genetic patents, the impact of intellectual property law on research in the areas of molecular genetics, race and genomics.

Myles W. Jackson is an American science historian. His work centres around the historical, philosophical and sociological aspects of science and technology. One his key areas of interest is the cultural history of British and German physics in the 19th century. As part of interdisciplinary investigations, he regularly looks into the aesthetic relationship between music and physics.

### Academic and Professional Career

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| since 2018 | Albers-Schönberg Professor, School of Historical Studies, Institute for Advanced Study, Princeton, USA  |
| 2015       | Fellow, Fraunhofer Institute for Industrial Mathematics (ITWM), Kaiserlautern, and University of Stuttgart, Germany   |
| since 2014 | Albert Gallatin Research Excellence Professor of the History of Science, Gallatin School of Individualized Study, New York University (NYU), New York City, USA |
| 2014       | Fellow, American Academy, Berlin, Germany   |
| since 2013 | Professor of History, Department of History, Faculty of Arts and Science, NYU, New York City, USA   |
| 2012       | Francis Bacon Visiting Professor of the History of Science & Technology, Caltech – California Institute of Technology, Pasadena, USA                            |
| since 2012 | Director of Science and Society, College of Arts and Science, NYU, New York City, USA   |

since 2008	Professor of the History of Science, Gallatin School of Individualized Study, NYU, New York City, USA
2007	Professor of the History of Science, Willamette University, Salem, USA
2002 - 2007	Associate Professor of the History of Science, Willamette University, Salem, USA
1998 - 2002	Assistant Professor of the History of Science, Willamette University, Salem, USA
1995 - 1998	Visiting Assistant Professor of History, History of Science, University of Chicago, Chicago, USA
1994 - 1995	Lecturer, Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, USA
1992 - 1994	Lecturer and Mellon Fellow, Department of the History of Science, Harvard University, Cambridge, USA
1991 - 1992	Walter Rathenau Fellow, Technische Universität Berlin, Berlin, Germany
1991	Ph.D. in the History of Science, University of Cambridge, Cambridge, UK
1988	M. Phil. in the History of Science, University of Cambridge, Cambridge, UK
1986	Bachelor of Arts in German Literature and Life Sciences, Cornell University, Ithaca, USA

#### **Project Coordination, Membership in Collaborative Research Projects**

2016	Project "German Radio and the Development of Electric Music in the 1920s and 1930s", Berlin, Germany
2009 - 2010	Project "Science at the Boundaries", NYU Seed Grant, NYU, New York City, USA

#### **Honours and Awarded Memberships**

2016 - 2017	Fellowship, Wissenschaftskolleg zu Berlin – Institute for Advanced Study, Berlin, Germany
2014	Robert Bosch Fellow, American Academy, Berlin, Germany
2014	Reimar Lüst Prize, Alexander von Humboldt Foundation, Bonn, Germany
2012	Corresponding Member, Académie Internationale d' Histoire des Sciences, Belgium
2011	Guest Researcher and Scholarship, ITWM, Kaiserslautern, Alexander von Humboldt Foundation, Bonn, Germany
since 2011	Member, German National Academy of Sciences Leopoldina, Germany

2010	Francis Bacon Award in the History and Philosophy of Science and Technology, Caltech, Pasadena, USA
since 2009	Member, Academy of the Sciences for the Common Good, Erfurt, Germany
2006	Hans Sauer Prize, Hans Sauer Foundation, Munich, Germany
2005	Paul Bunge Prize, Germany Chemical Society (GDCh) and the Deutsche Bunsen-Gesellschaft für Physikalische Chemie (DBG), Germany
	Derek Bok Teaching Award, Harvard University, Cambridge, USA
	Teaching Award, University of Pennsylvania, Philadelphia, USA

## Research Priorities

Myles W. Jackson conducts research on the historical, philosophical and sociological aspects of science and technology. One his key areas of interest is the cultural history of British and German physics in the 19th century. As part of interdisciplinary investigations, he regularly looks into the aesthetic relationship between music and physics.

His research into the investigator and explorer Joseph Fraunhofer has been endowed with several awards. In this research, Jackson concentrated on the cultural and material environment of the German researcher and inventor. He also retraced how Joseph Fraunhofer became a figurehead for the connection between science and industry during the 19th century.

Another of Jackson's fields of interest is the contemporary history of biotechnology, in particular the impact which intellectual property rights and the patenting of human genes have on research into molecular biology. This is exemplified in a project looking at the patenting of gene CCR5, and the resulting impact on research into AIDS. Jackson uses the history of this particular gene to describe important aspects and effects on biotechnology, linking aspects of molecular biology with the history of natural science and jurisprudence on the one hand, and sociological and anthropological issues on the other. He is a renowned consultant to American institutions on this issue, for instance by advising the American Civil Liberties Union (ACLU) in connection with their legal case against the gene patents held by Myriad Genetics, an American molecular diagnostics company.