

Curriculum Vitae

03/1960	born in Braunschweig, Germany
1978 - 1984	TH Braunschweig (undergraduate studies in chemistry)
1983 – 1984	University of Wisconsin, Madison, USA
09/1984	Graduation: 'Master of Science, Chemistry' (University of Wisconsin, Madison, USA; Prof. Dr. H.-J. Reich)
12/1984	Graduation: 'Diplom-Chemiker (TH Braunschweig, Germany; Prof. Dr. H. Hopf)
1985 – 1987	Doctoral work at the Philipps-Universität Marburg, Germany
07/1987	'Dr. rer. nat.' (Philipps-Universität Marburg, Germany; Prof. Dr. M. T. Reetz)
1987-1988	Postdoctoral studies (M.I.T., Cambridge, USA; Prof. Dr. K. B. Sharpless)
1988 – 1993	Habilitation (TU Darmstadt, Germany, and Universität Basel, Switzerland; with Prof. Dr. B. Giese)
1993	Offers for C3-faculty positions at the Universities in Würzburg (declined), Hannover (declined), and Marburg
10/1993	Associate Professor of Organic Chemistry at Philipps-Universität Marburg, Germany
03/1996	Chair and Full Professor of Organic Chemistry at the RWTH Aachen University, Germany (C4)
02/2000	Offer for a Chair and Full Professorship at the University in Freiburg, Germany (declined)
08/2005	Offer for a Chair and Full Professorship at the Ruprecht-Karls University in Heidelberg, Germany (declined)
04/2006	W3 Professor (Chair and Full Professorship) at RWTH Aachen University, Germany
10/2012	Adjunct Professor at Wuhan Institute of Technology, Wuhan, China
10/2016	Honorary Professor at Central China Normal University, Wuhan, China

Stipends and Awards

1983-1984	<i>Fulbright-stipend</i>
1985-1987	<i>Kekulé-stipend</i> ('Fonds der Chemischen Industrie and Volkswagen-Foundation')
1987-1988	<i>Nato-stipend</i> of the DAAD ('German Akademic Exchange Service')
1988-1990	<i>Liebig-stipend</i> given by the 'Fonds der Chemischen Industrie'
1990-1992	<i>Treubel-Fonds stipend</i> ('Freiwillige Akademische Gesellschaft, Basel')
06/1991	<i>Heinz-Meier-Leibnitz-award</i> given by the 'Federal Secretary for Education and Science', Germany
03/1992	<i>ADUC-Jahrespreis 1992 für Habilitanden</i> (award) given by the 'Arbeitsgemeinschaft der Lehrstuhlinhaber von Unterrichtsinstituten für Chemie', Germany
02/1993	<i>Dozenten-Stipendium</i> (award) given by the "Verband der Chemischen Industrie", Germany
11/1993	<i>Jahrespreis für Chemie</i> (award) given by the "Akademie der Wissenschaften zu Göttingen"
12/1996	<i>Otto-Klung-award 1996</i>
12/1998	<i>Otto-Bayer-award</i>
10/2002	<i>AstraZeneca European Lecturer</i>
09/2003	Fellowship of the <i>Japan Society for the Promotion of Science</i> (JSPS)
07/2006	Prix Franco-Allemand (French-German Prize) by the <i>Société Française de Chimie</i>
11/2007	<i>CaRLa Fellow</i> at the University of Heidelberg in collaboration with BASF
5/2011	<i>Boehringer Ingelheim Lecturer (Canada)</i>

- 4/2014 *Distinguished Professorship* at RWTH Aachen University
 6/2014, 9/2015 and 11/2016 Selected as a "Thomson Reuters Highly Cited Researcher"
 1/2015 Fellow of the Royal Society of Chemistry (FRSC)
 3/2015 Adolf-von-Baeyer-Denkünze (GDCh)
 5/2020 Famos for Family 2020 (RWTH Aachen University)
 8/2021 Rank 1'444 among a total of 186'178 scientists (top 0.8%)
 (as reported by Ioannides and coworkers in doi: 10.17632/btchxktzyw.3)
 6/2022 Election to the *Academia Europaea*

Visiting Professorships

- 09-12/1992 Visiting Professor at the University of Wisconsin, Madison, USA
 03/1998 Invited Visiting Professorship at the 'Université Pierre et Marie Curie' in Paris, France
 02/2000 Invited Visiting Professorship at the 'Università di Firenze' in Florence, Italy
 02/2002 Invited Visiting Professorship at the 'Università degli studi di Milano' in Milan, Italy
 2002 – 2003 Professeur Visiteur at the Département de Chimie of the University 'Notre-Dame De La Paix' in Namur, Belgium
 10/2006 Invited Visiting Professorship at the Tokyo University of Science, Japan

Research Interest

Enantioselective catalysis, asymmetric synthesis, bioactive compounds, mechanochemistry, biomass conversion, sulfur chemistry

Journals

- 1998 - 2002 Member of the International Advisory Editorial Board of *New Journal of Chemistry*
 1999 - 2008 Member of the Editorial Advisory Board of *Synthesis*
 2000 - 2008 Member of the Honorary Advisory Board of *Synlett*
 2001 - Member of the Academic Advisory Board of *Advanced Synthesis and Catalysis*
 2003 - Member of the Board of Consulting Editors of *Tetrahedron Letters*
 2003 - Member of the Board of Consulting Editors of *Tetrahedron*
 2003 - Member of the Editorial Board of *Letters in Organic Chemistry*
 2003 - 2011 Commissioning Editor of *Chemical Society Reviews*
 2005 - 2016 Member of the Editorial Advisory Board of *Chemical Reviews*
 2005 - 2007 Member of the Editorial Advisory Board of the *Journal of Organic Chemistry*
 2005 - Member of the Editorial Advisory Board of the *Beilstein Journal of Organic Chemistry*
 2007 - 2009 Member of the Editorial Board of *Current Chemical Biology*
 2008 - 2018 Member of the Editorial Advisory Board of *Organic Letters*
 2008 - 2012 Member of the Editorial Board of *Catalysis Communications*
 2008 - 2021 Associate Editor for the *Journal of Organic Chemistry*
 2009 - Member of the Advisory Board of *Synthesis* and *Synlett*
 2009 - 2016 Member of the Editorial Board of *Molbank*
 2011 - Member of the Scientific Advisory Board of *The All Results Journal*
 2013 - Member of the Editorial Board of *Journal of Sulfur Chemistry*
 2018 - 2020 Advising Editor for *ACS Omega*
 2019 - Member of the Editorial Advisory Board of *ACS Medicinal Chemistry Letters*
 2020 - Member of the International Advisory Board of *Bulletin of the Korean Chemical Society*
 2022 - Member of the Editorial Board of *Molecules*

Other (selected) activities

- 1998 - 2001 Member of the DAAD selection committee for „Doktorandenstipendien“
- 2002 - 2009 Member of the DAAD selection committee in the „PostdocProgramm“
- 2002 - 2007 Member of the DFG senate commission for the selection of graduate schools [„Senats- and Bewilligungsausschuss für die Graduiertenkollegs“ of the German Science Foundation (DFG)]
- 1998 - 2002 Member of the „Beirat Technologietransfer und Arbeitskreis Technologietransfer RWTH-IHK“
- 2000 - 2008 Member of the Management Committee of the COST-Action D24 „Sustainable chemical processes: Stereoselective transition-metal catalyzed reactions“
- 2001 - 2009 Member of the International Scientific Committee of ESOC (European Symposium on Organic Chemistry)
- 2001 - 2005 Member of the Scientific Advisory Board at the Leibniz-Institute for Organic Catalysis at the University of Rostock (Vorsitz des „Wissenschaftlichen Beirats des Leibniz-Instituts für Katalyse an der Universität Rostock e.V.“)
- 2003 - Member of the International Advisory Committee of ICHAC (International Conference on Heteroatom Chemistry)
- 2012 - Member of the International Advisory Board of OM&Cat (International Conference on Organometallics and Catalysis)
- 2006 - 2016 Chairman of the Scientific Advisory Board at the Leibniz-Institute for Organic Catalysis at the University of Rostock (Vorsitz des „Wissenschaftlichen Beirats des Leibniz-Instituts für Katalyse an der Universität Rostock e.V.“)
- 2002 - 2006 Member of the Scientific Advisory Board of DEGUSSA Fine Chemicals
- 2002 - 2004 Member of the Senate of the RWTH Aachen University
- 2003 - 2007 Head of the "DFG Schwerpunktprogramm 1118"
- 2006 - 2008 Member of the GDCh Selection Committee for the "August-Wilhelm-von-Hofmann-Denkmünze"
- 2006 - 2008 Chairman of the Department of Chemistry (RWTH Aachen University)
- 2007 - Member of the advisory board "Research and Education Politics" from the German Chemical Industry Association (VCI)
- 2008 - 2014 Rectorate Appointee for the Collaboration with Korea
- 2009 - Member of the "Perspectives Commission" of the GDCh
- 2009 - 2015 Member of the "Kuratorium des Fonds der Chemischen Industrie"
- 2015 - Member of the Research Advisory Board of the "Fonds der Chemischen Industrie"
- 2010 - 2014 Rectorate Appointee for the *Fulbright Foundation*
- 2010 - 2012 Member of the Pre-Selection Committee - Northern Germany for the DSM *Science & Technology Awards*
- 2012 - Member of the external advisory board of the Institute for Basic Science (IBS) within the Chemistry Department of KAIST (Korea)
- 2012 - Member of the "Rectorate Committee for Safeguarding Good Research Practice"
- 2018 - 2019 CEO of the RWTH Profile Area "Molecular Science and Engineering" (MSE)
- 2020 Member of the Steering Committee of the RWTH Profile Area MSE
- 2021 - Member of the selection committee for the Rudolf Lukeš Prize (of the Experientia Foundation, Czech)

Author profile: *Angew. Chem. Int. Ed.* **2014**, 53, 6596 - 6597.