

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	<i>Distinguished Professorship</i> 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-Denkmünze (GDCh)
5/2020	Famos for Family 2020 (RWTH Aachen University)
6/2022	Election to the <i>Academia Europaea</i>
10/2023	Rank 44 among a total of 161'671 organic chemists (as reported by Ioannides and coworkers in doi: 10.17632/btchxktzyw.6)
12/2023	<i>Emanuel Vogel Lecture</i> , University to Cologne

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 <i>New Journal of Chemistry</i>
1999 -	Member of the Editorial Advisory Board of <i>Synthesis</i>
2000 - 2008	Member of the Honorary Advisory Board of <i>Synlett</i>
2001 -	Member of the Academic Advisory Board of <i>Advanced Synthesis and Catalysis</i>
2003 - 2024	Member of the Board of Consulting Editors of <i>Tetrahedron Letters</i>
2003 - 2024	Member of the Board of Consulting Editors of <i>Tetrahedron</i>
2003 -	Member of the Editorial Board of <i>Letters in Organic Chemistry</i>
2003 - 2011	Commissioning Editor of <i>Chemical Society Reviews</i>
2005 - 2016	Member of the Editorial Advisory Board of <i>Chemical Reviews</i>
2005 - 2007	Member of the Editorial Advisory Board of the <i>Journal of Organic Chemistry</i>
2005 -	Member of the Editorial Advisory Board of the <i>Beilstein Journal of Organic Chemistry</i>
2007 - 2009	Member of the Editorial Board of <i>Current Chemical Biology</i>
2008 - 2018	Member of the Editorial Advisory Board of <i>Organic Letters</i>
2008 - 2012	Member of the Editorial Board of <i>Catalysis Communications</i>
2008 - 2021	Associate Editor for the <i>Journal of Organic Chemistry</i>
2009 - 2016	Member of the Editorial Board of <i>Molbank</i>
2011 -	Member of the Scientific Advisory Board of <i>The All Results Journal</i>
2013 -	Member of the Editorial Board of <i>Journal of Sulfur Chemistry</i>
2018 - 2020	Advising Editor for <i>ACS Omega</i>
2019 -	Member of the Editorial Advisory Board of <i>ACS Medicinal Chemistry Letters</i>
2020 -	Member of the Intern. Advisory Board of <i>Bulletin of the Korean Chemical Society</i>
2022 -	Member of the Editorial Board of <i>Molecules</i>
2023 -	Member of the Editorial Board of <i>RSC Mechanochemistry</i>

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 <i>Fulbright Foundation</i>
2010 - 2012	Member of the Pre-Selection Committee - Northern Germany for the DSM <i>Science & Technology Awards</i>
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)

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