Prof. Dr. Dr. h.c. mult. Evamarie Hey-Hawkins

Address	Leipzig University Faculty of Chemistry and Mineralogy Institute of Inorganic Chemistry Johannisallee 19 04103 Leipzig
Phone	+49-341-9736151
Fax:	+49-341-9739319
Email	hey@uni-leipzig.de

http://research.uni-leipzig.de/hh/
ResearcherID: H-2278-2012
ORCID: http://orcid.org/0000-0003-4267-0603

Current Position Chair in Inorganic Chemistry (full professor, C4)

Research Topics
Transition metal complexes and their application in catalysis and materials science; organohosphorus compounds; biologically active boron compounds (reagnts for boron-neutron capture therapy (tumour therapy), enzyme inhibitors (inflammation, progression of cancer)

1. Professional Career

10/2002-09/2005	Vice Dean of the Faculty of Chemistry and Mineralogy
04/2001-09/2002	Dean of the Faculty of Chemistry and Mineralogy
01/1997-01/1999	Executive Director of the Department of Inorganic Chemistry
Since 04/1993	Full Professor of Inorganic Chemistry, Universität Leipzig, Germany
04/1992-07/1992, 10/1991-02/1992, 05/1991-07/1991	Temporary Lecturer at the University of Heidelberg, Germany
10/1990-02/1991	Temporary Lecturer at the University of Hohenheim, Stuttgart, Germany

2. Training and Research Stays Abroad

May 2016	Visiting Professor at Jiangsu University, Zhenjiang, China
March 2009	Visiting Academic at Monash University, Melbourne, Australia
January 2008	Visiting Academic at Monash University, Melbourne, Australia
October 1990-March 1993	Guest Researcher at the University of Karlsruhe (with Heisenberg Grant), Germany
September 1988-August 1990	Research Associate at the Max Planck Institute for Solid State Chemistry, Stuttgart, Germany, with Prof. Dr. Dr. h.c. H. G. von Schnering
March 1986-March 1987	Joint work with Prof. Dr. B. S. Wild at the Australian National University, Canberra, Australia, funded by the Deutsche Forschungsgemeinschaft (research grant)
October 1985-March 1986	Joint work with Prof. Dr. C. L. Raston at the University of Western Australia, Australia, funded by the Verband der chemischen Industrie (Liebig Grant)

July 1984- September 1985	Joint work with Prof. Dr. M. F. Lappert, FRS, at the University of Sussex, England, funded by the Verband der Chemischen Industrie (Liebig Grant)
July 1988	Habilitation and venia legendi in Inorganic Chemistry, University of Marburg, Germany
October 1983	Ph. D. in Inorganic Chemistry, University of Marburg, Germany (degree awarded with “summa cum laude”)
March 1982	Diploma in Chemistry, University of Marburg, Germany

3. Professional Activities and Memberships

since 05/2016	Member of the Scientific Advisory Board, NAWI Graz (University of Graz and TU Graz), Austria
since 02/2015	Member of the Senatsausschuss Evaluierung der Leibniz-Gemeinschaft
since 2014	Member of the Beirat einer Individualstipendiatenklasse gemeinsam mit der Studienstiftung des deutschen Volkes an der Research Academy Leipzig
since 2014	Speaker of the Forschungsprofilbereich Complex Matter” (one of nine centres of excellence at Leipzig University, together with Prof. M. Grundmann), http://www.zv.uni-leipzig.de/forschung/forschungsprofilbereiche/komplexe-materie.html
since 07/2013	Member of the Academic Advisory Council of the Faculty of Chemistry, Philipps-Universität Marburg, Germany
since 05/2013	Chair of COST Action CM1302 "European Network on Smart Inorganic Polymers (SIPs)", http://www.sips-cost.org
since 11/2012	Member of the Editorial Board of “Inorganics”
since 06/2012	Associate Editor of the "Biochemical and Biophysical Journal of Neutron Capture Therapy"
since 10/2011	Member of the International Advisory Board of the journal *ChemPlusChem*
since 09/2011	Referee for the DAAD programme PROMOS at Universität Leipzig
since 01/2011	Member of the Virtual Institute for Energy Research (VIER), http://www.vi-er.de
since 11/2009	Member of the Board of Trustees of the Studienstiftung des Deutschen Volkes (German National Merit Foundation)
since 04/2009	Member of the Managing Committee Biomedical Biotechnological Centre at Leipzig University
since 8/2008	Member of the Förderverein Chemikum Marburg
since 10/2007	Coordinator and Speaker of the Graduate School (“Building with Molecules and Nano-objects” (BuildMoNa)), http://www.buildmona.de
since 04/2007	Referee for the German Accrediting Organisation “ASIIN”
since 04/2007	Member of the Editorial Board of Chemistry Central Journal
since 2006	Member of the Deutscher Hochschulverband (DHV)
since 2005	Coordinator of the Graduate Exchange Programme (ISAP, funded by DAAD) between the Department of Chemistry, Monash University, Australia, and the Faculty of Chemistry and Mineralogy, Leipzig University http:// www.uni-leipzig.de/chemie/hh/isap/
since 2005	Member of the Deutsche Technion-Gesellschaft eV
since 3/2003	Member of the Graduate Committee of the University of Leipzig and Head of the Sub-committee “Science” (UK3) (since 12/2005)
since 2003	Referee for several DAAD programmes
since 1/2002	Vertrauensdozentin (contact) of Leipzig University for the Organising Committee of the Conference of Nobel Laureates (Chemistry) in Lindau
since 2002	Member of the Editorial Board of Zeitschrift für Angewandte und

	Allgemeine Chemie
since 2002	Member (Associate) of the “Centre for Magnetic Resonance” at Leipzig University http://mrz.uni-leipzig.de/index.html
since 7/2001	Head of the board of trustees of the Institute of Non-classical Chemistry e.V.
since 2001	Member (Associate) of the “Biomedical Biotechnological Centre” at Leipzig University http://www.bbz.uni-leipzig.de/index.html
since 1999	Member of the Graduate Committee of the Faculty of Chemistry and Mineralogy
since 9/1999	Member of the Faculty Committee
since 1999	Referee for the Australian Research Council (ARC)
since 6/1998	Vertrauensdozentin (tutor) der Studienstiftung des Deutschen Volkes (German National Merit Foundation), since 3/2001 in charge of all Vertrauensdozenten (16) (tutors) in Leipzig
since 1993	Referee for publications in Angewandte Chemie, Chemistry, European Journal of Inorganic Chemistry, Organometallics, Inorganic Chemistry, Heteroatom Chemistry, Polyhedron, Journal of Organometallic Chemistry, Zeitschrift für Anorganische und Allgemeine Chemie, and others
since 1993	Member of the Wöhler Vereinigung of the German Chemical Society (GDCh)
since 1993	Member of the Arbeitsgemeinschaft Deutscher Universitätsprofessoren und -professorinnen für Chemie (ADUC) of the German Chemical Society (GDCh)
since 1983	Member of the German Chemical Society (GDCh)

4. Awards

05/2017	Order of Merit of the Free State of Saxony, awarded by the Minister-President of Saxony
2016	Costin Neniţescu Medal, awarded by the Romanian Chemical Society (SChR)
2016	Doctor Honoris Causa (Dr. h.c.) by Ss. Cyril and Methodius University, Skopje, Republic of Macedonia
2016	Costin Nenitzescu-Rudolf Criegee Lecture, awarded jointly by GDCh and the Romanian Academy of Sciences
2015	Elhuyar-Goldschmidt Lecture, awarded jointly by GDCh and Real Sociedad Española de Química (RSEQ)
2014	Doctor Honoris Causa by Babeş-Bolyai University, Romania
2013	IUPAC 2013 Distinguished Woman in Chemistry or Chemical Engineering Award
since 2010	Member of AcademiaNet (http://www.academianet.de/)
02/2009-03/2009	Australian National University Fellowship, ANU, Canberra, Australia
08/2007-10/2007	Visiting Erskine Fellowship, University of Canterbury, New Zealand
06/2007	Invited Professor, Université de Rennes 1, France
02/2007	Visiting Professorship, Pamukkale University, Denizli, Turkey (by TÜBITAK)
05/1999	Fellow of the Royal Society of Chemistry (CChem FRSC)
1990-1993	Heisenberg Grant, DFG, Germany
1984-1986	Liebig Grant, Verband der chemischen Industrie, Germany

5. Research Activities

- Homogeneous Catalysis with Mono- and Multinuclear Transition Metal Complexes
- Biological and Medicinal Chemistry with Inorganic Compounds
- Precursors for Materials Science

Inorganic Chemistry, Bioorganometallic Chemistry, Organometallic Chemistry: Synthesis (Schlenk technique, chromatography for air-sensitive compounds) reactivity and structural elucidation (IR, UV-Vis, NMR, X-ray crystallography) of organometallic, coordination and main group element compounds; **Homogeneous catalysis with mono- and multinuclear complexes**: Reactions of transition metal complexes with functionalised ligands (N, P, As, O, S donors), (chiral, functionalised) phosphorus compounds, switchable catalysts, (chiral) metal-organic frameworks (MOFs), heteronuclear complexes; **Applications of inorganic compounds in medicinal and biological areas**: Biologically active carbaboranes, carbaboranyl derivatives for BNCT, carbaboranyl- and phosphanyl-modified amino acids, metal- and phosphorus-based anti-tumour agents, carbaboranes as phenyl mimetics, new, selective COX inhibitors; **Precursors for novel materials**: Alkali and earth alkaline metal phosphanides and phosphanediides, complexes with reactive metal–phosphorus bonds, strained phosphacycles for ROP, phosphorus-rich precursors for phosphorus-rich metal phosphides.

For details refer to: http://research.uni-leipzig.de/hh/

6. Publications and Presentations

More than 440 publications in refereed journals; more than 300 plenary, keynote and invited oral presentations (national and international).