CURRICULUM VITAE
EVA MARIE HARTH

Associate Professor of Chemistry, Pharmacology and Chemical and Biomolecular Engineering

Vanderbilt University 7665 Stevenson Center, Nashville, TN

eva.harth@vanderbilt.edu

PROFESSIONAL PREPARATION

UNDERGRADUATE, GRADUATE, AND POSTDOCTORAL

Friederich-Wilhelms-University Bonn, Germany
Degree: B.D. in Organic Chemistry, Inorganic Chemistry, Physics, 1990

University of Zurich, Switzerland
Degree: B.S., M.S., Chemistry/Biochemistry, 1994
Thesis title: *Synthesis of unprotected α-manno-isopropylidene-fullerene*,
Advisor: Prof. A. Vasella, ETH Zurich

Max-Planck Institute for Polymer Research, University of Mainz, Germany
Degree: PhD. in Organic Chemistry, 1998
Thesis: *Synthesis and Properties of Fullerene Adducts and Polymers*
Advisor: Prof. K. Müllen, MPI Mainz

CPIMA Center for Polymeric Interfaces and Macromolecular Assemblies
Stanford University, IBM Almaden Research Center, San Jose, CA, USA
Postdoctoral Fellow, 1998-2001
Area: Living free Radical Polymerization Techniques, Dendrimers
Advisor: Prof. C. J. Hawker, IBM Almaden Research Center, now at UC Santa Barbara, Director of MRL

XenoPort, Inc., Santa Clara, CA
Staff Scientist, 2001-2004
Area: Macromolecular Drug Delivery, Dendrimers
Scientific Advisor: Prof. J.M.J. Fréchet, UC Berkeley

RESEARCH FELLOWSHIPS AND AWARDS

NSF-CAREER Award 2007 (OMC)
Europa-Stipendium, Max-Planck Gesellschaft, Germany, 1994-1996

APPOINTMENTS: Research

Director and DGS of the Interdisciplinary Graduate Program in Materials Science (IGPMS), 8/2014-present
Associate Professor of Chemistry, Department of Chemistry, VU College of A&S, 2011- present
Associate Professor of Pharmacology, Department of Pharmacology, VU School of Medicine, 2012-present
Associate Professor of Chemical and Biomolecular Engineering, 2012-present
Assistant Professor of Chemistry, Department of Chemistry, VU College of A&S, 8/2004-2011
Assistant Professor of Pharmacology, Vanderbilt Medical School, 2007-2012
Staff Scientist XenoPort, Inc., Santa Clara, CA, 2001-2004
Postdoctoral Fellow, CPIMA, Stanford University, IBM Almaden Research Center, 1998-2001
Research Assistant, University of Mainz, 1998

PATENT SUITE:

Issued Patents: all are under an exclusive license by Nanonferix, Inc. besides the last one

8,969,622	Molecular Transporter Molecules: Gyanidino Dendrimers (3/3/2015)
7,935,782	Multifunctional Particles with Control Over Size and Functionalities (5/3/2011)
8,492,510	Multifunctional Particles with Control Over Size and Functionalities (7/23/2013)
9,198,985	Bimodal Star Polymer Architectures as Fluorescent and MRI Imaging Reagents
9,161,983	Kinetically Controlled Polyglycidol Polymerization and Controlled Network Formation (10/20/2015)

FUNDING:

Received funding from: ACS-PRF, NSF, NIH, JDRF, DOD

TEACHING:

Course 220B: Organic Chemistry, Part B trailer section
Course 220A: Organic Chemistry, Part A
Course 218 B: Advanced Placement Organic (undergraduate)
Course 235: Polymer Chemistry and Surface Chemistry, (graduate)
Short Course in Polymer Science, Fisk University/IGERT,
Course 350 Materials Science A: Soft Materials (graduate)
Part -time Instructor for Organic Chemistry, San Francisco State University, 2002
Assistant, University of Mainz, Laboratory Introductory Course,1996

PROFESSIONAL SERVICE:

University:

Executive Committee of the Graduate Faculty Council 2013-present
Faculty Graduate Council 2014-present
Graduate Development and Education Council 2015-present
International Strategy Committee Member 2013 -2015
Admissions Committee Member 2014-present
Admissions Committee Member 2009-2010 (Merit and Honors Scholars)

Scientific Community:

Associate Editor: Polymer Chemistry, (RSC), 2009-present
Associate Editorial Board Member: American Journal of Cancer Research
ACS - PMSE Executive Officer, Secretary

Outreach:

Vanderbilt Center for Science Outreach, GK12-program
RIP, Research Internship Program for High School Students, TWISTER