**Education and Training**

1985-1994 Dipl.Ing (MSc) Department of Electrical Engineering Electrical Engineering

Institute for Microelectronics

Technische Universität Berlin, Germany

1994-2000 Ph.D. Dept. of Biomedical Engineering Biomedical Engineering

Johns Hopkins University, Baltimore, MD

Mentors: Eric D. Young Ph.D., Paul B. Manis Ph.D.

2000 Postdoctoral Fellow Dept. of Biomedical Engineering Biomedical Engineering

Johns Hopkins University, Baltimore, MD

Mentors: Eric D. Young Ph.D.

2000-2005 Postdoctoral Fellow Department of Neurobiology Neurobiology

Harvard Medical School, Boston, MA

Mentor: Carla J. Shatz, Ph.D.

2001 Summer course “Molecular Cloning of Neural Genes”

Cold Spring Harbor Laboratory

**Professional Experience**

1988 Research Assistant AEG-Research-Institute, Berlin, Germany

1989-91 Programmer Koehne Electronics, Berlin, Germany

1990 Research Assistant Heinrich-Hertz-Institute, Berlin, Germany

1991-92 Research Assistant VLSI Institute, Jiao-Tong University, Shanghai, P.R. China

1992-94 Research Assistant Heinrich-Hertz-Institute, Berlin, Germany

2003 Assistant Professor and Course Director, Genetics block,

Kathmandu Univ. Medical School, Nepal

2005-06 Instructor Department of Neurobiology

Harvard Medical School, Boston, MA

2006 Visiting Assistant Prof. Dept. of Biology

University of Maryland, College Park, MD

2007- 2012 Assistant Professor Dept. of Biology

University of Maryland, College Park, MD

2007-2020 Affiliate Institute for Systems Research

University of Maryland, College Park, MD

2010-2020 Affiliate Bioengineering Department

University of Maryland, College Park, MD

2012-2016 Associate Professor Dept. of Biology

University of Maryland, College Park, MD

2015-2017 Faculty Neurobiology Course, Marine Biological Laboratory

Woods Hole, MA

2015-2019 Associate Professor (secondary) Dept. of Anatomy and Neurobiology

University of Maryland School of Medicine, Baltimore, MD

2016-2020 Professor Dept. of Biology

University of Maryland, College Park, MD

2019- Professor (secondary) Dept. of Anatomy and Neurobiology

University of Maryland School of Medicine, Baltimore, MD

2019- Professor Dept. of Biomedical Engineering

Johns Hopkins University, Baltimore, MD

**Awards, Honors**

1994 Graduated suma cum laude ("Auszeichnung") from Technische Universität Berlin

1999 Graduated Phi Beta Kappa from Johns Hopkins University

2003 Invited participant US National Academy of Sciences, 6th Japanese-American Frontiers

of Science Symposium, Tokyo, Japan

2008 Oak Ridge Associated Universities

Richard Powe Junior Faculty Enhancement Award $10,000

2010 NARSAD, The World's Leading Charity Dedicated to Mental Health Research

Junior Investigator Award, $60,000 for 2 years

2010 Alfred P. Sloan Foundation

Sloan Research Fellowship, $50,000

2010 UMd Research leader luncheon, featured speaker (1 of 2)

2012 St. Catherine’s College, Oxford University UK

Visiting Fellowship Trinity term 2013

2013 Burt Evans Young Investigator Award. National Organization for Hearing Research

Foundation. Annual Midwinter Meeting of the Association for Research in Otolaryngology, Baltimore MD.