Curriculum vitae

Name: Günther Herbert Johannes Peters

Professional title: Associate Professor, Ph.D.

Date and Place of Birth: August 25, 1959, Hamburg, Germany

Experience:

2001 - present	Associate Professor, Department of Chemistry, Technical University of Denmark
1998 - 2001	Assistant Professor, Department of Chemistry, Technical University of Denmark
1992 - 1998	Postdoctoral research associate at Novo Nordisk A/S and in the Dept. of Theoretical Chemistry, University of Copenhagen, Denmark
1987 - 1991	Ph.D. candidate in Chemical Engineering, Iowa State University, Ames, IA, U.S.A.

Publications: over 80 publications accepted in/submitted to international journals.

Students (no.):
PhD / MSc / BSc /
Special course 10 / 14 / 2 / 4

Financial support:

Co-applicant for Nanovidenskab og –Teknologi, Biotechnology og IT (NABIIT); 2007-2010.
Co-applicant for Danmarks Grundforskningsfond; 2006-2011.
Co-applicant for Danmarks Grundforskningsfond; 2001-2006.
Novo Nordisk A/S, Denmark - Consultant; 2002-2003.
Danish Research Council; 2000-2002.
Danish Cancer Society; 1997-2000.
Europ. Molec. Biol. Organiz. (EMBO) fellowship; 1996 and 2000.
Biotechnology -- EC fellowship; 1994/5.

Member of:

Danish Chemical Society;
The Danish Graduate School of Computational Chemistry (COMPKEM), Denmark;
Center of Biomembrane Physics - MEMPHYS, Denmark
http://www.memphys.sdu.dk/index.php.

Board member of: Danish Chemical Society (cashier – The Division of Theoretical Chemistry).

Referee for journals: J. Am. Chem. Soc., Biochimie, Chem. Phys. Lipids, Langmuir, J. Chem. Phys., J. Phys. Chem.

Principal research areas: biomembrane physics and chemistry, computer simulation techniques, drug delivery, protein function, QSAR, statistical mechanics and thermodynamics, surface and interface physics.

Theoretical expertise: Computer simulation techniques, drug design/docking, protein-protein, protein-lipid/ligand interactions, simulation of complex biological systems, statistical and classical mechanics.

Experimental expertise: Differential/isothermal titration calorimetry, enzyme kinetics, fluorescence microscopy, fluorescence spectroscopy, HPLC, monolayer experiments, surface potential measurements.