

CURRICULUM VITAE

Jens Kehlet Nørskov

(updated April 2009)

Date of birth: September 21, 1952
Citizenship: Danish
Marital status: Married to Anni Basse Nørskov
Children: Katrine, born August 2, 1980 and Marie Nisha, born April 23, 1985

Education:

1979 PhD in Theoretical Physics, University of Aarhus, Denmark
1976 MSc in Physics and Chemistry, University of Aarhus, Denmark

Professional career:

2007 Olaf A. Hougen Visiting Professor, Department of Chemical and Biological Engineering, University of Wisconsin, Madison, USA
2006- Director, The Lundbeck Foundation's Center for Atomic-scale Materials Design (CAMD), Department of Physics, Technical University of Denmark, Lyngby
2004- Chairman of NANO•DTU, Technical University of Denmark, Lyngby
2001-2008 Chairman, Danish Center for Scientific Computing (DCSC)
1999 Visiting Professor, Department of Chemistry, University of California, Santa Barbara, CA, USA
1993-2003 Director, Center for Atomic-scale Materials Physics (CAMP), Department of Physics, Technical University of Denmark, Lyngby
1992- Professor of theoretical physics, Department of Physics, Technical University of Denmark, Lyngby
1987-1992 Research Professor, Laboratory of Applied Physics, Technical University of Denmark, Lyngby
1985-1987 Adjunct Professor, Nordita, Copenhagen
1985-1987 Scientific Staff, Haldor Topsøe A/S, Lyngby
1982-1985 Assistant Professor, Nordita, Copenhagen
1981 Scientific Staff, Haldor Topsøe A/S, Lyngby
1980-1981 Affiliated with Nordita, (Nordic Institute for Theoretical Physics), Copenhagen
1979 Post Doctoral Fellow, IBM T. J. Watson Research Center, Yorktown Heights, New York
1979-1981 Senior Research Fellow, Institute of Physics, University of Aarhus
1976-1979 Research Fellow, Institute of Physics, University of Aarhus

Awards and honors:

- Gabor A. Somorjai Award for Creative Research in Catalysis, 237th ACS National Meeting, Salt Lake City, USA, March 2009.
- Kenneth S. Pitzer Memorial Lectureship, Department of Chemistry, University of California, Berkeley, USA, March 2009
- Science of Hydrogen and Energy Award, EMPA, Switzerland, January 2009
- The Grundfos Prize, Copenhagen, September 2007
- Olaf A. Hougen Visiting Professorship, Department of Chemical and Biological Engineering, University of Wisconsin, Madison, USA, fall 2007
- Mulliken Medalist and Lecturer, University of Chicago, Illinois, USA, May 2007
- Dr. Honoris Causa, Technical University of Eindhoven, The Netherlands, April 2006
- The Innovation Prize, DTU, May 2005
- Magister Lecturer, University of Barcelona, Spain, April 2004
- Distinguished Catalyst Lecturer, Pacific Northwest National Laboratory, Washington, USA, February 2004
- Elected Fellow of the American Physical Society, 2003
- Richard A. Glenn Award, 225th ACS National Meeting, New Orleans, Louisiana, USA, March 2003
- G.C.A. Schuit Lecturer, University of Delaware, May 2002
- Ford Distinguished Lecturer, Dearborn, Michigan, 2001
- Gwathmey Distinguished Lecturer, University of Virginia, 1998
- Elected member of the Royal Danish Academy of Science and Letters, 1996
- Villum Kann Rasmussens Award, Lyngby, 1991

- The Danish Physical Society's Prize of 1990
- Samuel Friedman (Rescue) Award, University of California Los Angeles, 1989
- Reinholdt W. Jorch's Award, Copenhagen 1987
- Elected member of the Danish Academy of the Technical Sciences (ATV), 1987
- Research professor by special appointment by the Minister of Research and Education, 1987
- ECOSS prize, Cambridge, UK 1979

Miscellaneous:

- Member of the Helios SERC External Advisory Council, Lawrence Berkeley National Laboratory, USA, 2009-
- Member of the Scientific Advisory Board, UniCat, Technische Universität Berlin, Germany, 2008-
- Co-chair US National Academies Committee on the Review of the U.S. Department of Energy Basic Energy Sciences Catalysis Science Program, 2008
- Member of the Scientific Advisory Board of the Center for Nano-technology, University of Duisburg-Essen, Germany, 2007-
- Member of the Advisory Board and Scientific Committee of the State Key Laboratory for Surface Physics (SKLSP), Chinese Academy of Sciences & Division of Surface Physics, Beijing National Lab for Condensed Matter Physics, 2006-
- Member of the International Advisory Board, The Partnership for International Research and Education, University of California, Santa Barbara, USA, 2005-
- Member of the Scientific Advisory Board, Photo-nano Program, Chalmers University of Technology, Sweden, 2004 –
- Member of the Science Committee for the Danish Academy of the Technical Sciences 2004 -2007
- Member of the Scientific Advisory Board, Center for Functional Nanostructures, Brookhaven National Laboratory, USA, 2003 –
- Member of the Danish Research Council for the Technical Sciences, 2000-2003
- Member of the Committee for the Niels Bohr Medal 1997 -
- Member of the physics evaluation committee under the Swedish Research Council for the Technical Sciences (TFR), 1993-1998
- Member of the Chemistry and Materials Sub-committee under the Danish Research Council for the Technical Sciences, 1987-1996
- Member of the Fachbeirat der Fritz-Haber-Institut der Max-Planck Gesellschaft, 1986-2004
- Member of the Materials Research Society
- Member of the American Chemical Society
- Member of the American Physical Society
- Member of the Editorial Board of Journal of Chemical Physics, 2006-
- Member of the Scientific Editorial Board of Computational Science and Discovery, 2006-
- Member of the Editorial Board of Journal of Molecular Catalysis A: Chemical, 2004 -
- Member of the International Advisory Board of the Physical Chemistry Chemical Physics Journal, 2001-2004
- Member of the Editorial Board of Journal of Catalysis 1997-
- Member of the Editorial Board of Industrial Catalysis News, 1998-1999
- Member of the Editorial Board of Catalysis Letters, 1995-
- Member of the Editorial Board of Surface Science, 1995-1999
- Member of the Editorial Board of Surface Review and Letters, 1994-
- Member of the Editorial Board of Chemical Physics Letters, 1994-1996, 2007-

Research:

Research interests in the theoretical description of surfaces, catalysis, materials, nanostructures, and biomolecules. Approximately 340 published papers (cited 21 686 times, SCI April 2009, Hirsch index 80), 11 patents or patent applications.

Teaching:

Extensive teaching experience at both undergraduate and graduate level. Adviser and co-adviser for approximately 45 PhD students.