
Curriculum Vitae

NAME	POSITION TITLE
Alexander V. Neimark	Professor II, Dept. of Chemical & Biochemical Engineering, Rutgers, The State University of New Jersey 98 Brett Road, Piscataway, NJ 08854-8058

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Moscow State University, Moscow, Russia	M.S.	1973	Mech. Engineering
Inst. of Chemical Industry, Moscow, Russia	Ph.D.	1977	Chem. Engineering
Moscow State University, Moscow, Russia	D.Sc.	1988	Physical Chemistry

Positions:

Professor II, Dept. of Chemical and Biochemical Engineering Rutgers, The State University of New Jersey, Piscataway, NJ, 2006 – present

Director, Chemical and Biochemical Engineering Graduate Program, Rutgers University, 2007 - present

Research Director, CMCNM, TRI/Princeton, Princeton, NJ, 2000 – 2006 (**Principal Scientist**, 1996- 2000)

Professor Adjunct, Department of Chemical Engineering, Yale University, New Haven, CT, 1995-1999

Senior Research Associate, Department of Chemical Engineering, Yale University, New Haven, CT, 1994-1996

Director of Research, National Center of Scientific Research, Poitiers, France, 1993-1994

Visiting Professor and Research Fellow, Department of Chemistry, Johannes Gutenberg University, Mainz, Germany, 1991-1993

Research Professor, Institute of Physical Chemistry, Moscow, Russia, 1989-1994

Junior Scientist, Scientist, Senior Scientist, State R&D Institute of Chemical Industry, Moscow, Russia, 1977-1988

Selected Awards and Honors:

Humboldt Research Fellowship, Humboldt Foundation, Bonn, 1991-1992

DFG Visiting Professorship, DFG, Bonn, Germany, 1992-1993

SNRS Research Fellowship, CNRS, France, 1993-1994

Johnson&Johnson Award, 2000

Visiting Professor, Department of Chemical and Biochemical Engineering, Rutgers University, Piscataway, NJ, 2001-2006

Plenary Lectureship Award, the Nanoscale Science and Engineering Symposium, AIChE Meeting, Reno, NA, 2001

Adjunct Professor, Department of Materials Science and Engineering, Drexel University, Philadelphia, PA, 2004-2006

FUMEC Award, Mexican Academy of Sciences, 2004.

Guggenheim Fellow, John Simon Guggenheim Memorial Foundation, 2004

Visiting Research Scholar, Princeton University, 2004-2006
Stanley Katz Annual Memorial Lecture, City College, CCNY, New York, 2005
Most Cited Scientist, ISI Essential Science Indicators, 2005.
Distinguished Visiting Professor, American University, Cairo, Egypt, 2006.
Faculty Merit Award, Rutgers University, 2008

Synergistic activities

Organizer and Chairman of the **International Workshops on Characterizations of Porous Materials: From Angstrom to Millimeters**, Princeton, NJ, June 18-20, 1997, June 19-21, 2000, and June 21-23, 2003, June 21-23, 2006, and New Brunswick, June 24-26, 2009, and the **International Workshop on Nanocapillarity: Wetting of Heterogeneous Surfaces and Porous Solids**, Princeton, NJ, June, 25-27, 2001. The workshops' goal is to facilitate interactions between industrial scientists/engineers and leading experts the academia.
Organizer, Chairman and Co-Chairman of sessions on Molecular Modeling of Adsorption Phenomena, Characterization of Nanoporous Materials, Molecular Modeling and Design of Nanostructured Adsorbents, Theory and Simulation of Adsorption at the annual meetings of AIChE, 1999-2009.

Organizer and Director of the **Center for Modeling and Characterization of Nanoporous Materials (CMCNM)** at TRI/Princeton (1996-2006). CMCNM focuses its multifaceted activities on fundamental research, technology transfer, and professional education in the areas of nanoscale modeling and characterization of porous and particulate materials.

Director of the TRI/Princeton CTP "Interactions of fluids with porous materials" (2001-2006) co-sponsored by a group of U.S. and European industrial companies.

Guest Editor. Advances in Colloid and Interface Science, Colloids and Surfaces, Particle & Particle Systems Characterization.

Member of International Advisory Committees. International Conferences & Symposia on Computational Modeling and Simulation of Materials (Italy, 2004), Fundamentals of Adsorption (Japan, 2001; USA, 2004; Italy 2007), Adsorption Science and Technology (Australia, 2000, Korea, 2003, China, 2006), Characterization of Porous Solids (Spain, 2002; France, 2005, UK 2008), and others.

Member of Advisory Board. Adsorption Science and Technology, Particle & Particle Systems Characterization.

Member of AIChE, ACS, MRC, IAS, IUPAC.

Publications: 1 monograph "Multiphase Processes in Porous Media", 6 edited books of proceedings, 170+ research papers in peer-review journals and volumes (list attached).

Invited lectures and seminars, keynote and plenary talks: 90+ presentations in 1998-2008 (list attached).