

Paul M. Chaikin

Education

B.S. (Physics) California Institute of Technology, 1966

Ph.D. (Physics) University of Pennsylvania, 1971

Research Advisors: Professor M. Anthony Jensen, Professor Alan J. Heeger

Dissertation Title: "Probing Many Body Effects with Superconductivity"

Professional Appointments

Research Associate (Physics), Univ. Penn October 1971-July 1972

Assistant Professor (Physics), Univ. of California, Los Angeles July 1972-June 1977

Associate Professor (Physics), Univ. of California, Los Angeles June 1977-July 1980

Professeur Associé (Visiting), Univ. de Paris, Sud; Orsay October 1978-August 1979

Professor (Physics), Univ. of California, Los Angeles July 1980-August 1983

Research Associate, Exxon Research and Engineering Co. September 1983-August 1986

Professor (Physics), University of Pennsylvania September 1983-August 1988

Consultant, Exxon Research and Engineering Co. September 1986

Consultant, NEC Institute, Princeton May 1992-2000

Professor (Physics), Princeton University January 1988

Directeur de Recherche, (Visiting), Institut Curie, Paris, Sept.'98-Sept.'99

Henry De Wolf Smyth Professor of Physics, Princeton, July 2001-August 2005

Henry De Wolf Smyth Professor of Physics, Emeritus, Princeton, October 2005

Silver Professor of Physics, Center for Soft Condensed Matter Research, New York

University, January, 2005

Publications and Presentations

Book P.M. Chaikin and T.C. Lubensky, Principles of condensed matter physics, Cambridge University Press (Cambridge, 1995)

Articles in Refereed Journals more than 300

Invited talks at meetings more than 200, at universities and labs more than 200

Additional Activities

Elected Member National Academy of Science, 2004

Elected Fellow American Academy of Arts and Sciences, 2003

Elected Fellow Institute of Physics, London, 2004

Elected Fellow, American Physical Society 1984

A.P. Sloan Foundation Fellow, 1977-1981

John Simon Guggenheim Fellow 1997-98

Rothschild Mayent Fellow, Institut Curie, Paris, 1997-98

Divisional Associate Editor, Condensed Matter, Physical Review Letters 1988-1991

North American Editor, Journal of Molecular Electronics, 1986-1991

Board of Editors, Comments on Solid State Physics, 1985-95

Editorial Board, Report on Progress in Physics, IOP'03

Editorial Board, Journal of Condensed Matter Physics, IOP'06

Executive Committee, Div. Condensed Matter Physics, Amer. Phys. Soc., 1982-1985

Eastman Kodak and U. Rochester Distinguished Lecturer, Spring 1992

Distinguished Lecturer, McMaster University, 1990
Morris Loeb Lecturer, Harvard University, Fall 1996
William Pyle Philips Distinguished Visitor, Haverford College, Nov. 2001
Rohmand Haas Lectureship, Univ. of North Carolina, Feb. 2002
Eli Burstein Lecture in Materials Science, LRSM, Penn, November 2, 2006
Brookhaven National Lab. Distinguished Lecture Series. 2/22/06
Welsh Lectures, University of Toronto, May 3, 4 2007
Institute for Theoretical Physics, UCSB, Advisory and Steering Committee, 1993-1996.
Chairman FOM (Dutch) evaluation of Strongly Interacting Condensed Matter Program '99
Evaluation Committees, Physics Depts.: Univ. of Utrecht, NL '03; Twente Univ., NL, '03;
Univ. Amsterdam and Vrije University Amsterdam, NL, '04
Evaluation Committee, Rhodia Complex Fluids Lab, Cranbury, NJ, '05
Evaluation Committee, Excellence Program "Nanomaterials" Deutsche Forschungsgemeinschaft, Frankfurt, Nov. 2006
Evaluation Committee, FOM (Holland) Programs in Bioassemblies, May, 2005
Evaluation Committee, Korea University Seoul, Nov. 2006
Evaluation Committee, ISSP, Kashiwa, Japan, Feb, 2006
Evaluation Committee, EPFL, Lausanne, Switzerland, Oct. 2005
Evaluation Committee, Chair, Tata Institute, Mumbai, Jan. 2007
NSF panel on High Magnetic Fields ("Seitz Richardson Committee") 1990
NSF Site Visiting Committee National High Magnetic Field Laboratory 1994
National Academy Committee on Opportunities in High Magnetic Fields, '03 '04
Co-Chairman, NASA Workshop and Report "Soft and Complex Condensed Matter", '03
NRC Committee to Review/Evaluate the NSF MRSEC program 200506
APSMcMillanPrizeCommittee199496
Physical Review B evaluation committee 2000
APS Buckley Prize Committee 2000-2001
APS DCMP Nominating Committee 2002-2004
APS Nominating Committee 2003-2006
APS Committee to Inform the Public 20062007
NYAS Blavatnik Prize Committee 2007
Chairman Gordon Conference "Organic Superconductors", 1991
Chairman Gordon Conference "Condensed Matter Physics", 2001
International Conferences, Organizing, Advisory, Program, Committees 3-4/year
Advisory Committees: Physics Dept., The Polytechnic Institute of New York, 198895,
Department of Physics, The University of Virginia, 1991,
Physics Dept., Brooklyn College, CUNY, 1995,
Materials Science, Univ. at Buffalo, 1994,
Physics Dept., Indiana University 2000
MIT Bitter Magnet Lab Users Committee 1989-1992, Chairman, 1993
NHMFL Users Committee 1994-97,
NHMFL 45 Tesla Review Panel 1994
External Advisory Committee, National High Magnetic Field Laboratory, '03-07
Solid State Sciences Committee of the National Academy 2007-2010