

SHORT CURRICULUM VITAE

FLEMMING BESENBACHER

Name D.Sc. Academician Flemming Besenbacher
Date of Birth 4 October 1952

Position Chairman of the Board The Carlsberg Foundation Professor of Nanoscience and Physics Interdisciplinary Nanoscience Center (iNANO)

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Board experience

2008 - 2015 Member of the Board of the MedTech Innovative Center, Aarhus, Denmark
2010 The Board Academy, a research based further and continuing education programme for board members and executive managers, at the Faculty of Law, University of Copenhagen

2010 Member of the Board of NanoFERENCE

2011 - Chairman of the Board of Trustees of The Carlsberg Laboratory
Member of the Board of Trustees of The Carlsberg Laboratory (2005-2011)

2012 - Chairman of the Supervisory Board of Carlsberg A/S
Member of the Supervisory Board of Carlsberg A/S (2005-2012)

2012 - Chairman of the Board of Directors of The Carlsberg Foundation
Member of the Board of Directors of The Carlsberg Foundation (2005-2012)

2015 - Chairman of the Tuborg Foundation
Member of the Board of The Tuborg Foundation (2005-2012)

2012 - Deputy Chairman of the Board of Directors of The Museum of National History at Frederiksborg Castle

2012 - Member of the Executive Council of The Mary Foundation – HRH Crown Princess Mary’s Foundation

2013 - 2018 Member of the leadership development organization Center for Leadership (CfL)

2014 - 2015 Member of the Board of Unisense Environment A/S

2015 - Member of the Board of Unisense A/S

2014 - Member of the Advisory Board of Young Pioneers

2014 - 2015 Member of the Advisory Board of Videnskab.dk

2014 - Member of the Advisory Board of Center for Corporate Governance, CBS

2014 - Deputy Chairman of the Board of Innovation Fund Denmark

2016 - Chairman of the Board of UNLEASH

2015 - 2017 Chairman of Spotter A/S

2016 - 2017 Chairman of the Danish Government Advisory Board for Circular Economy

2016 Member of The Danish Government’s Digital Growth Panel

2017 - Member of the Vice Chancellor’s Advisory Board, University of Surrey

2017 - Member of the Advisory Board for SDG accelerator (UNDP),

2017 - Member of the Advisory Board for The International Student City of Copenhagen (ISCC)

2017 - Member of the Advisory Board of the association “Stop Food Waste”

2017 - 2018 Member of the Danish Ministry of Taxation’s Advisory Panel for succession planning in industrial foundations

2018 - Advisor for Plastic Change

2018 - Member of SDG High Level Advisory Board

2018 - Member of the Kenjin-Tatsujin International Advisory Council, Ashinaga,

2018 - Member of the Advisory Board for New Practice, Nordic School of Co-Innovation

2018 - Chairman of the Board of Aarhus Vand

2018 - Chairman of Copenhagen Capacity’s diaspora task force

2018 - Member of the Advisory Board for Circular Food Technology

Other

2012 High Performance Boards Program at IMD, Lausanne
2016 Leading from the Chair Program at INSEAD

Academic experience

1982 & 1983 Visiting scientist, Sandia National Laboratories, Albuquerque
1982 Associate Professor, Dept. of Physics, University of Aarhus
1996 Full Professor, Faculty of Science and Technology, Interdisciplinary Nanoscience Center (iNANO) and Dept. of Physics and Astronomy, University of Aarhus
1997 Summer Guest Professor, Lawrence Berkeley National Laboratory, University of California, Berkeley, USA
2007 Professor Honoris Causa, 1) Henan University, China, and 2) Tianjin University, China
2007 Received the title of Knight of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark
2008 Professor Honoris Causa, 1) Huazhong Normal University, China, 2) Jilin University, China, and 3) Zhejiang University of Technology, China
2009 Professor Honoris Causa, 1) Institute of Chemistry, Chinese Academy of Sciences, China, 2) Shanghai University, China, and 3) Central South University, China
2010 Professor Honoris Causa, 1) Tongji University, China, and 2) Chongqing University, China
2011 Professor Honoris Causa, 1) Harbin Institute of Technology, and 2) Institute of Advanced Materials, Jiangsu University, China
2012 Honorary Professorship from China University of Petroleum in Qingdao
2013 Received the title of Knight 1st Class of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark
2014 Molecular Science Forum Lecture Professorship, Center for Molecular Science, Chinese Chemical Society
2017 Honorary Professorship of Wuhan University of Technology, China
2017 Advisory Professor of Shanghai Jiao Tong University, China

Research awards

1993 Co-recipient of a research award for a center of excellence: Center for Atomic-scale Materials Physics (CAMP) by the Danish National Research Foundation (1993-2003)
1995 Recipient of the Danish Physical Society's Research Prize, the NKT prize, for research achievements in surface science using scanning tunnelling microscopy
2003 Recipient of University of Aarhus Anniversary Foundation Award for outstanding academic research within the area of surface and nanoscience
2003 Recipient of Villum Kann Rasmussen Annual Award for Technical and Scientific Research in recognition of outstanding achievements in technical and scientific research (the Villum Foundation)
2004 Recipient of Danmarks Naturvidenskabelige Akademis Industripris 2004 (Industrial prize of the Danish Academy of Natural Sciences 2004)
2006 Recipient of Grundfos award for outstanding nanoscience research
2008 Bird-Steward-Lightwood Lectureship award, Dept. of Chemical and Biological Engineering at University of Wisconsin-Madison
2008 Recipient of one of the prestigious ERC advanced research grants from the European Research Council
2009 Recipient of Aarhus Business Award 2009
2009 Recipient of a Sino-Danish Center of Excellence "Center for Molecular Nanostructures on Surfaces CMNS" from the Danish National Research Foundation
2009 Recipient of the prestigious Einstein Professorship, Chinese Academy of Sciences
2011 Recipient of Rigmor og Carl Holst-Knudsen's Videnskabspris (science award granted by Aarhus University) 2011
2012 Recipient of the Award for International Scientific Cooperation, Chinese Academy of Sciences, China
2012 Recipient of the People's Republic of China Friendship Award selected by the Chinese State Council
2013 Recipient of the 2012 International Science and Technology Cooperation Award of the People's Republic of China selected by the Chinese State Council

2013 Foreign Academician of the Chinese Academy of Sciences (CAS)

Fellowships

1996 Elected Fellow of The Danish Academy of Natural Sciences (DNA)
1997 Elected Fellow of The Danish Academy of Technical Sciences (ATV)
1998 Elected Fellow of The Royal Danish Academy of Sciences and Letters
2001 Elected Fellow of the Institute of Physics
2009 Elected Honorary Fellow of the Chinese Chemical Society
2009 Elected Honorary Fellow of the American Vacuum Society
2009 Elected Honorary Fellow of Materials Research Society, USA.
2009 Elected member of the Materials Research Society Board of Directors
2011 Elected Fellow of the American Physical Society
2013 Awarded Honorary Fellow of the Royal Microscopical Society
2013 Elected Foreign Academician of the Chinese Academy of Sciences
2014 Fellow of the European Academy of Sciences
2017 Member of the EU Academy of Sciences

Academic Leadership

2002 - 2012 Director of the Interdisciplinary Nanoscience Center (iNANO) at the University of Aarhus
(www.inano.dk)
2002 - 2012 Director of the iNANO graduate school (iNANOschool), University of Aarhus
(www.inanoschool.dk)
2005 - 2011 Director of the NANOFOOD consortium
2009 Director of the Sino-Danish Center of Excellence “Center for Molecular Nanostructures
on Surfaces (CMNS)”
2011 Chairman of the international “advisory board” of the new center, Harbin-Aarhus
International Center of Surfaces and Interfaces
2011 Overseas director and Professor Honoris Causa, Tongji-Aarhus Joint Center for
Nanostructures and Functional Nanomaterials
2012 Member of the Danish Council for Research Policy (2012-2014)

Invited talks

At international conferences: approx. 159 since 1990
At research institutions and universities: approx. 90 since 1990

Publication statistics

As per September 2018, my publication list contains 715 entries in international, refereed journals, including 20 in “Nature” and “Science”
My published articles have been cited 36,216 times and my H-index is 96.