

SHORT CURRICULUM VITAE FLEMMING BESENBACHER

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

Position Professor emeritus 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 -2021 Chairman of the Board of Trustees of The Carlsberg Laboratory
Member of the Board of Trustees of The Carlsberg Laboratory (2005-2011)

2012 -2021 Chairman of the Supervisory Board of Carlsberg A/S
Member of the Supervisory Board of Carlsberg A/S (2005-2012)

2012 - 2021 Chairman of the Board of Directors of The Carlsberg Foundation
Member of the Board of Directors of The Carlsberg Foundation (2005-2012)

2015 - 2019 Chairman of the Tuborg Foundation
Member of the Board of The Tuborg Foundation (2005-2012)

2012 -2021 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

2012 Participated in the High Performance Board Program: How Board Directors can Make a Real Difference, IMD-Lausanne, Switzerland

2012 Completed the “Executive Education Program” held by Presidents Institute, Copenhagen

2012 Participated in the “Leading From The Chair Programme” held at INSEAD, Paris

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 - 2015 Member of the Advisory Board of Videnskab.dk

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

2014 - 2020 Deputy Chairman of the Board of Innovation Fund Denmark

2016 - Chairman of the Board of UNLEASH

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 Advisory Board for SDG accelerator (UNDP),

2017 - 2018	Member of the Danish Ministry of Taxation's Advisory Panel for succession planning in industrial foundations
2018 -	Member of UNDP's SDG High Level Advisory Board
2018 -	Member of the Kenjin-Tatsujin International Advisory Council, Ashinaga,
2018 -	Chairman of the Board of Aarhus Vand
2018 - 2019	Chairman of Copenhagen Capacity's diaspora task force
2019 -	Member of the board of representatives of NRGi Elsalg A/S
2019 -	Chairman of the Danish Government's Think Tank on Prevention of Food Waste and Food Losses, ONE\THIRD
2020	Chairman of DANIAS
2020 -	Member of the Board of Sulfilogger A/S

Other

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

Distinctions

2007 - 2013	Received the title of Knight of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark
2013 - 2018	Received the title of Knight 1st Class of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark
2018	Received the title of Commander of the Order of Dannebrog from Her Majesty Queen Margrethe II of Denmark

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	Honorary Professor, 1) Henan University, China, and 2) Tianjin University, China
2008	Honorary Professor, 1) Huazhong Normal University, China, 2) Jilin University, China, and 3) Zhejiang University of Technology, China
2009	Honorary Professor, 1) Institute of Chemistry, Chinese Academy of Sciences, China, 2) Shanghai University, China, and 3) Central South University, China
2010	Honorary Professor, 1) Tongji University, China, and 2) Chongqing University, China
2011	Honorary Professor, 1) Harbin Institute of Technology, and 2) Institute of Advanced Materials, Jiangsu University, China
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
2018	Honorary Professor, University of Electronic Science and Technology of China (UESTC), Chengdu, China
2018	Honorary Professor, Shandong University, Jinan, China
2018	Honorary Professor, Shanghai Jiao Tong University, China

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 (iNANOschoo), 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 center, Harbin-Aarhus International Center of Surfaces and Interfaces, HAISI
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)

Research awards and other 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)
2019 Fortune Award for Circular Economy Leadership at the The Circulares
2020-2021 Champion of the UN Food Systems Summit
2022 Elected International Fellow of the Academic Advisory Committee (AAC) of the Chinese Academy of Medical Sciences

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

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

Publication statistics As per January 2023, my publication list contains 760 entries in
 international, refereed journals, including 20 in “Nature” and “Science”
 My published articles have been cited 56,903 times and my H-index is 119.
 My research activities have resulted in 11 patents.