

PERSONAL INFORMATION:

Family name, First name: Zuilhof, Han
Researcher unique identifier: ORCID 0000-0001-5773-8506
Date of birth: 21 May 1965
Nationality: Dutch
URL: www.wageningenur.nl/orc

EDUCATION:

MSc in Chemistry (1988, highest honors) – focus on organic chemistry.
MA in Western Philosophy (1994, highest honors) – focus on theory of knowledge & logic.
PhD in Organic Chemistry (1994, highest honors) – focus on physical organic and photo-chemistry.

CURRENT POSITIONS:

2008 – Full professor and Chair of Organic Chemistry, Wageningen University, Wageningen, The Netherlands (NL) (0.9 FTE).
2011 – Distinguished Adjunct HiCi Professor of Chemical Engineering, King Abdulaziz University, Jeddah, Saudi Arabia.
2014 – Distinguished Perennial Guest Professor of Molecular Science, Health and Life Sciences Department, Tianjin University, Tianjin, China.

PREVIOUS POSITIONS:

2007 – 2008 Full professor of Organic Chemistry, Wageningen University, Wageningen, NL.
2004 – 2007 Associate Professor of Organic Chemistry, Wageningen University, Wageningen, NL.
1997 – 2004 Assistant Professor of Organic Chemistry, Wageningen University, Wageningen, NL.
1996 – 1997 Postdoctoral fellow, Columbia University, New York, USA.
1994 – 1996 NWO Talent postdoctoral fellow, University of Rochester (NY), USA.

MAJOR SCIENTIFIC AWARDS / PRIZES:

2019 – Xiaoxiang (“Hunan”) Distinguished Professor of Chemistry, Hunan Normal University, Changsha, China.
2019 Hunan 100 Talent Fellow, Hunan Normal University, Changsha, China.
2019 Sectorplan Chemistry & Physics, theme ‘Bioactive Surfaces’) [3.1 M€; 2020 - 2024].
2018 Fellow of Royal Society of Chemistry, UK.
2017 JournalStar, ACS journal *Langmuir* [globally top-5 most prolific author & top-5 most cited author in *Langmuir*, 2010 – 2017].
2017 – 2020 Distinguished Visiting Professor, Beijing University of Chemical Technology, Beijing, China [2 lectures/year].
2015 – Distinguished Perennial Guest Professor, Tianjin University, Tianjin, China.
2013 – 2014 Joseph Meyerhoff Visiting Professor, Weizmann Institute of Science, Rehovot, Israel.
2011 – Distinguished Adjunct HiCi Professor, King Abdulaziz University, Jeddah, Saudi Arabia.
2007 Visiting Professor, Stanford University, Stanford, California, USA.
Oct. 2005 Visiting Professor, Lanzhou University, Lanzhou, China.
2003 Visiting Fellow to the National Canadian Nanotechnology Institute, Ottawa, Canada.
2002: Emerson Visiting Research Fellow at Emory University, Atlanta, Georgia, USA.
1994 – 1996: Postdoctoral ‘Talent’ Fellowship (NWO).
1994: L. J. Oosterhoff Award (Leiden University).
1988 – 1989: Netherlands Ramsay Memorial Fellowship (Royal Netherlands Academy of Sciences).

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS:

1997 – 19 postdocs / 65 PhD students (42 already defended successfully)

TEACHING ACTIVITIES:

As faculty member at Wageningen University I teach a number of BSc and MSc courses (“Structure and Reactivity”, “Bio-organic chemistry at surfaces: Chemistry at the outmost nanometer”, “Molecular

Modelling with Applications in Biological Systems”). In addition, I teach various guest lectures and master classes at Wageningen University, King Abdulaziz University and various Chinese universities, including Tianjin University and Hunan Normal University.

ORGANIZATION OF SCIENTIFIC MEETINGS (if applicable)

- 2019 Vice-chair 4th International Conference on Bioinspired and Zwitterionic Materials. Rolduc (NL); (ca. 150 participants)
- 2012 – 2018 Member of Thin Film Section for annual American Vacuum Society meetings, USA (2000 participants per meeting)
- 2008 & 2013 Chair of annual Netherlands MicroNanoConference (ca. 600 participants each occasion)

INSTITUTIONAL RESPONSIBILITIES:

- 2017 – Member of Academic Board, Wageningen University, NL
- 2017 – Founder and Chair of ‘Wageningen Chemical Sciences’, Wageningen University, NL
- 2016 – 2018 Member of Management Team Department AFSG, Wageningen University, NL (presenting cluster ‘Biomolecular Sciences’)
- 2014 – 2017 Member of Scientific Advisory Committee of CAT AgroFood, a shared facility center for advanced technology at Wageningen University
- 2010 – Member and Chair of various search committees at Wageningen University, NL
- 2010 – 2014 Main applicant and Chair of Scientific Advisory Committee of CAT AgroFood

REVIEWING ACTIVITIES:

- 2020 – Member of Editorial Advisory Board *Cell Reports Physical Science* (CellPress)
- 2016 – 2020 Senior Editor *Langmuir* (ACS)
- 2014 – Member of Editorial Advisory Board *Advanced Materials and Interfaces* (Wiley)
- 2013 – 2015 Member of Editorial Advisory Board *Langmuir* (ACS)
- 2012 – Panel member and vice-chair, NWO VENI and VIDI grants
- 2012 – Member of Editorial Advisory Board *Applied Surface Science* (Elsevier)
- 2010 – Panel member, NWO Chemical Sciences, TOP/ECHO grants
- 2010 Chair of NWO Rubicon Postdoctoral program Natural Sciences
- 1997 – Regular reviewer and panel member for grant proposals of ERC, NWO, DFG, ISF, NSF, SFI, NSERC, FORTH, KACST, etc.
- 1997 – Regular reviewer for *Nature Chemistry*, *Angew. Chem.*, *J. Am. Chem. Soc.*, *Chem. Mater.*, *Nature Comm.*, *ACS Applied Mater. Interfaces*, *Langmuir*, *Adv. Mater. Interfaces*, etc.

RECENT MEMBERSHIPS OF LOCAL, NATIONAL AND INTERNATIONAL SCIENTIFIC ORGANIZATIONS:

Chemistry:

- 2013 – 2018 Chair Netherlands Research Foundation NWO, Study group Structure & Reactivity
- 2010 – 2017 Program Director of NanoNext Program Integrated Microsystems for Biosensing

Science:

- 2010 – 2017 Representative of Wageningen University in board of NanoNext
- 2012 – 2016 Board member of MinacNed

RELEVANT JOB-RELATED SOCIAL POSITIONS:

Founder of spin-off company Surfix (2011; currently 15 FTE), focusing on novel surface modifications
Founder of spin-off company Offspring (2019). Filed 13 patents, of which 11 were sold to companies.

OTHER RELEVANT INFORMATION:

Obtained personally >14 M€ in research funding for my chair group at Wageningen Univ.
Chair group ORC/Wageningen Univ that I am heading teaches > 2600 organic chemistry courses per year
Chair group ORC/Wageningen Univ: permanent staff: 20 FTE; typically 25 PhD students + varying number of postdocs and MSc/BSc students.