

Prof. dr. Jennifer L. Herek

Dean of the Faculty of Science & Technology
University of Twente

P.O. Box 217
7500AE Enschede
The Netherlands

Email: j.l.herek@utwente.nl
Phone: +31 (0)53 489 2538
https: www.utwente.nl/tnw



Professional appointments

University of Twente

- Dean, Faculty of Science & Technology (2019 –)
- Dean, Honours Programme (2015 – 2018)
- Dean, University College Twente (2012 – 2018)
- Chair, Optical Sciences group (2006 – 2016)
- Full professor of physics (2006 –)

FOM Institute for Atomic and Molecular Physics (AMOLF; Amsterdam)

- Group leader, Biomolecular Control group (2002 – 2006)

Vrije Universiteit (Amsterdam)

- Researcher, Biophysics department (2001 – 2002)

Lund University (Lund, Sweden)

- Assistant professor, Chemical Physics department (1998 – 2002)
- Postdoctoral researcher, Chemical Physics department (1996 – 1998)

Education

PhD, Chemical Physics (1990 – 1996)

- California Institute of Technology (Pasadena, California, USA)
Supervisor: Ahmed Zewail (Nobel Prize in Chemistry 1999)
Award: Herbert Newby McCoy prize for best PhD thesis at Caltech in 1996

BA, *cum laude* (1986 – 1990)

- Lawrence University (Appleton, Wisconsin, USA)
Liberal arts & sciences educational programme; chemistry major

Research

138 peer-reviewed scientific publications, cited nearly 5000 times in the fields of photophysics and photochemistry, molecular mechanisms, nonlinear spectroscopy and imaging, ultrafast lasers, coherent control, nanostructures, waveguides, integrated optics. Well-cited, high-impact research, including publications in Nature, Science, Proceedings of the National Academy of Sciences, Physical Review Letters, Optics Letters, Optics Express. $h = 37$ (WoS). Supervisor of 18 PhD theses. Invited and contributed talks at >50 conferences spanning physics, chemistry, educational innovation, and leadership.

Professional activities

- CESAER Task Force Open Science (2021 –)
- VSNU Committee Recognition and Rewarding Diversity in Academia (2020 –)
- Bèta Deans Network (2019 –)
- CESAER Task Force Learning and Teaching (2017 –)
- NVAO Accreditation panels (2017 –)
- Honours Deans Network (2016 – 2018)
- Stichting Physica board member (2016 –)
- Foundation for Polish Science, International Research Agenda interdisciplinary expert panel (2016 – 2019)
- FOM/v (now NWO Natuurkunde/v) Network (2015 – 2019)
- University College Deans Network (2015 – 2018)
- Big Beacon Educational Innovators Working Group (2015 – 2018)
- ERC panels and expert reviewer: Starting, Consolidator, Advanced grants (2013 –)
- Platform Academic Physics (2013 – 2018)
- European Consortium on Liberal Arts & Science (ECOLAS) (2013 – 2018)
- FOM Werkgemeenschapscommissie COMOP (2010 – 2015)
- KNAW Advisory Council for Technical Sciences, Mathematics, Informatics, Physics, Astronomy and Chemistry (TWINS Raad) (2008 – 2016)
- Editorial Board, Chemical Physics Letters (2005 –)
- Young Academy of the KNAW (DJA); founding cohort (2004 – 2009)
- NWO panels: Veni-Vidi-Vici, TOP/Echo, FOM-PR, KIEM-LIFT, Minerva (2004 –)