

Alex (I. M.) van der Wateren

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I am a PhD graduate working as a technical author. I have wide-ranging interests and enjoy communicating science through various types of content.

EDUCATION

2012-2016	PhD	Chemistry, University of Cambridge (awarded in 2017)
2009-2011	MSc	Medical Biology, University of Amsterdam (7.4 out of 10)
2006-2009	BSc	BioMedical Sciences, University of Amsterdam (7.2 out of 10)
2005-2006	-	Bachelor programme in Fashion Design at HKU, Utrecht (no degree)

SKILLS

Writing: User documentation (manual pages, release notes etc), theses, research papers, abstracts, blogs, web copy, book chapter, PowerPoint presentations, literature review, posters.

IT: MS Office (Word, Excel, PowerPoint, SharePoint Designer, Outlook), LaTeX, GraphPad Prism, Mendeleev, EndNote; some experience with Dreamweaver, KompoZer, Photoshop, ImageJ, InDesign.

Languages: English (fluent), Dutch (native), German (intermediate).

Design: Some basic skills in illustration, photography, web design and graphic design.

Customer service: Skilled in customer service through several retail/service jobs.

CAREER in ACADEMIA/WRITING

May 2018 – present	Linguamatics (Cambridge) Technical author I create user documentation for software products. This includes user manuals, release notes, system requirements etc. The audience consists of system administrators and people working in life-science research, chemistry, and health care (research).
Oct. 2017 – Febr. 2018	BioStrata, Histon (Cambridge) Science writer I created different types of copy for life-science marketing. The audience for most types of copy was scientists with a general interest in a particular field or line of research. I also wrote for our own marketing, which targets owners of a life-science business or marketers working in the life sciences. Types of content I have worked on are: blogs, a book chapter, educational slide decks, trade-media articles, and web copy. I generally worked on several projects at the same time, sometimes to tight deadlines. I was also involved in documentation of our writing processes and training resources for science writers. Most of the time I worked independently; I met with coworkers a few hours a week for project briefings and meetings.
Nov. 2016 – Jan. 2017	Department of Chemistry, University of Cambridge Post-Doctoral Research Assistant under supervision of Prof. Dobson.
Oct. 2012 – Sept. 2016	Department of Chemistry, University of Cambridge PhD student under supervision of Prof. Dobson working on molecular origins of Parkinson's Disease.
April 2012 – June 2012	Department of Immunology, Wenner-Gren Institute, Stockholm Research assistant in immunology working on Fibromyalgia.
Sept. 2011 – March 2012	Department of Cell Biology, Wenner-Gren Institute, Stockholm Research assistant in cell biology studying the role of a chromatin remodelling complex in alternative splicing.
Sept. 2010 – April 2011	Nuclear Organisation Group, SILS, University of Amsterdam MSc. Student in cell biology studying the role of two proteins in chromatin organisation.

- Nov. 2009 –
July 2010 **Department of Medical Biochemistry, AMC, University of Amsterdam**
MSc. Student in biochemistry/cell biology looking at the role of programmed necrosis and glycosphingolipids in the development of insulin resistance.
- May 2009 –
Aug. 2009 **Department of Pathology, AMC, University of Amsterdam**
BSc. Student studying concordance of HER2 status between primary breast cancer and corresponding distant metastases.

TEACHING & VOLUNTEERING EXPERIENCE

- July 2018 –
present **Biomakespace**
I volunteer for this organisation by creating content. At the moment I am conducting interviews with members and interns to share on Biomakespace's website.
- Aug. 2014 –
June 2015 **Cambridge University Nanotechnology Society**
Committee member designing and maintaining the website, photographing our events and updating social media.
- Aug. 2013 –
June 2014 **Cambridge University Astronomical Society**
Webmaster maintaining our website, designing several promotional materials, photographing our events and editing/designing our printed newsletter (Neptune).
- Nov. 2011 –
April 2012 **Stockholm Student Union**
English tutor I helped students with academic writing and general conversation skills.
- March 2010 **Department of Anatomy and Embryology, AMC, Amsterdam**
Teaching assistant teaching early embryology to undergraduate students combined with a study on student characteristics and test performance.

SELECTION of CONFERENCES/SYMPOSIA

- Annual 'Centre for Protein Misfolding Diseases' meeting, Nov. 9-11, 2015, Cambridge, UK. [Short talk](#)
- EBSA2015, July 18-22 2015, Dresden, DE. [Short talk + Poster presentation](#)
- Annual 'Centre for Protein Misfolding Diseases' meeting, Nov. 3-4, 2014, Cambridge, UK. [Short talk](#)
- Protein Structure, Protein Evolution, June 2-3 2014, Stockholm, SE.
- Biophysics of Amyloids and Prions, May 25-26 2014, Naples, IT. [Poster presentation](#)
- Annual 'Centre for Protein Misfolding Disease' meeting, Nov. 4-5 2013, Cambridge, UK. [Short talk](#)
- Protein misfolding in disease, April 13-17 2013, Roscoff, FR. [Poster presentation](#)
- Prion 2012, May 9-12 2012, Amsterdam, NL.
- FOM Molecular and Cellular Biophysics, Oct.4-5 2010, Veldhoven, NL. [Poster presentation](#)

AWARDS

- Darwin College conference grant for EBSA2015 (£ 150), 2015.
- EBSA congress bursary for EBSA2015 (€ 400), 2015.
- Boehringer Ingelheim Stiftung conference grant for FEBS-EMBO advanced lecture course: Biomembranes; molecular architecture, dynamics and function (€ 400), 2013.

PUBLICATIONS

van der Wateren IM, Knowles TPJ, Buell AK, Dobson CM, Galvagnion C (2018) C-terminal truncation of a-synuclein promotes amyloid fibril amplification at physiological pH. *Chem. Sci.* 2018, 9, 5506. doi:10.1039/c8sc01109e

Tark-Dame M, Jerabek H, Manders EMM, **van der Wateren IM**, Heermann DW, van Driel R (2014) Depletion of the Chromatin Looping Proteins CTCF and Cohesin Causes Chromatin Compaction: Insight into Chromatin Folding by Polymer Modelling. *PLoS Comput Biol* 10(10):e1003877. doi:10.1371/journal.pcbi.1003877

HOBBIES

In my spare time I enjoy creative/artistic pursuits such as illustration, painting, printing, sculpting, costume design and photography. I also enjoy writing and try to do this in one way or another by volunteering. I am also interested in current affairs and enjoy reading.