Curriculum Vitae of Frank van der Most

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Summary

As a former social scientist and research engineer with a current interest in FileMaker database development, I help organizations and indivuals with data management.

I am an **inquisitive and analytical creator** of both data and data management tools.

With a PhD in Science, Technology and Society and over 20 years of academic work at varous levels, I have extensive experience in desk/document research, scientific data collection and management and semi-structured in-depth interviewing of scientists, policy makers and others. This means I have the skills to investigate and understand the challenges associated with data collection, harmonization and analysis.

My background in computer science, and experience creating database applications throughout my career, both for my own as well as for others' research, I also have the **skills to create solutions to data problems**.

I am the founder of and research engineer at **RubberBootsData**, a one-person company which I set up to provide my services on-line, anywhere in the world. I am currently living in Valencia, Spain.

Work experience

January 2024 FileMaker subcontracting RubberbootsData for <u>CamelCase data</u> on multiple

projects

present

Role: FileMaker development work on several solutions: style libraries, FMGo

applications, import facilities, speed improvement, and more.

August 2023 Maintenance and improvement and expansion of a database for the **SWINNO**

project.

present

Project: RubberBootsData contract with Economic History Department of

Lund University.

Role: To maintain, improve and where necessary expand the functionality of

the SWINNO database.

October 2022 Desk Study to identify funding sources for plastic waste and management

projects for the International Union for Conservation of Nature (IUCN)

December 2022

Project: RubberBootsData contract with the IUCN's Plastic Waste Free Islands

project.

Role: Identification of 25 funding sources for different types of actors (NGOs, governmental, companies and individuals) who are involved in the fight against plastic pollution on 6 small island developing states in the Caribbean and the Pacific. The commission included report compilation and writing,

advice to applicants, research design and data formatting.

August 2021 Founder and owner of **RubberBootsData** ÖU

present <u>RubberBootsData</u> is registered in <u>Estonia under number 16558603</u>.

February 2022 Database development, design documentation, and research method reflections

November 2022 Project: Contract work for the department of Economic History at **Lund**

University

Role: Maintenance and development of the <u>SWINNO</u> database. Documentation of the SWINNO database's design. Reflections report on the Literature Based Innovation Output method (LBIO) as practiced at the SWINNO project.

Research data preparation.

September 2014

Research engineer at Lund University, the Department of Economic History

January 2022

Project: <u>SWINNO</u>, a project revolving around a database of Swedish innovations of since 1970.

Role: conceptual and functional development, and implementation of the database (FileMaker Pro); methodological support for research projects within the SWINNO project; supervision of research projects; co-management of the SWINNO project with PI Prof.Dr. C. Chaminade (2017-2018); data management, including quality control, training of assistants, and supervision of data entry.

July 2011

Post-doctoral researcher at the **Royal Netherlands Academy of Arts and Sciences** (KNAW), e-Humanities group / Data Archiving and Networked Services (DANS)

February 2014

Project: study of impact of evaluations on work and careers of individual academics within the FP7 project Academic Careers Understood through Measurement and Norms (ACUMEN). The study involved interviews with around 50 scientists, deans, HR managers and heads of departments in four disciplines and four countries.

Role: independent researcher: development of conceptual frame and research design, development of a database tool (FileMaker Pro) to process CV data and interview transcripts, visualization experiments with Keynote, Gephi and Tams Analyzer, qualitative data collection and analysis, final reporting, coordination work

July 2009

Post-doctoral researcher at **Lund University**, Research Policy Institute (RPI) and Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE)

June 2011

Project: uses, non-use and effects of research evaluations. A literature review and a case study of Lund University's self evaluation of 2008, based on evaluation documents and 15 interviews with key actors.

Role: independent researcher: research agenda development, literature search and review, case study design, qualitative data collection and analysis, writing

November 2004

PhD research at **University of Twente**, School of Management and Governance, Department of Science, Technology, and Policy Studies (STePS).

November 2008

Project: the responses of research funding organizations in Finland, the Netherlands, Norway, and Switzerland to the newly emerging field of nanotechnology.

Supervisors: Dr. Barend van der Meulen (daily supervisor) and Prof.Dr. Arie Rip (promotor)

Role: researcher under supervision: conceptual frame development, research design, qualitative data collection and analysis (document and web study, 22 interviews), writing.

October 2003 - October 2004	Researcher at University of Twente , School of Management and Governance, Department of Science, Technology, and Policy Studies.
	• Project: history of the Dutch Agricultural Advisory Council (NRLO) Supervisors: Dr. Barend van der Meulen and Dr. Fokko-Jan Dijksterhuis Role: researcher under supervision: archival research and reporting
	• Project: development of a collaborative literature database Supervisor: Dr. Boelie Elzen Role: database development (MS Access). The database was designed to jointly work on a reference collection while sharing notes at the same time.
October 2002 - March 2003	Research assistant at Maastricht University , Faculty of Cultural Sciences (currently the Faculty of Arts and Social Sciences).
	Project: history of research at Dutch State Mines Supervisor: Dr. Ernst Homburg Role: archive building and development of a database for archival-document retrieval (FileMaker Pro)
January 2002 - February 2009	One-man company, Index Society Index Society produced software and databases for qualitative research.
	Role: developer of an annotation-database for historical research (FileMaker Pro), promotion and acquisition.
October 1998 - December 2001	Researcher at University of Twente , Faculty of Philosophy and Social Sciences, Department of Philosophy of Science and Technology (currently STePS)
	• Project: 2001 Evaluation of the Research Council of Norway Supervisor: Dr. Barend van der Meulen; Role: researcher under supervision: qualitative data collection and analysis (23 interviews with Norwegian scientists), deliverable writing
	• Project: 1999 History of Dutch salt mining in the twentieth century. Part of the national research program History of Technology in the Netherlands in the twentieth century.

Supervisors: Dr. Johan Schot and Drs. Ben Gales Role: researcher under supervision: historical data collection and analysis (archival study and three interviews with professionals), writing

• Project: 1998 - 2001 Building a common data base on scientific research and public decision on TSEs in Europe. EU Concerted Action project. BMH4-CT98-6057 with teams in Portugal, France and the UK and The Netherlands. Supervisors: Dr.Ir. Wim Smit and Prof.Dr. Arie Rip Role: qualitative data collection and analysis (document and web analysis, ten

interviews with professionals and scientists), reporting

November 1997 - August 1998	Researcher at Maastricht University , Faculty of Cultural Sciences (currently the Faculty of Arts and Social Sciences)
	Project: history of the introduction and development of synthetic detergents and the development of washing practices Supervisor: Dr. Ernst Homburg Role: researcher under supervision: historical data collection and analysis, database development of a database for detergents and washing products (FileMaker), writing
April 1997 - July 1997	Research internship for Master's thesis at the Spatial Planning Bureau of the Ministry of Housing, Spatial Planning and the Environment.
	Supervisors: Dr. Rein de Wilde and Drs. Henk Puylaert Role: supervised data gathering for my MA thesis: document study and nine interviews with professionals in spatial planning policy making.
May 1992	Coordinator of advisory work at Agromisa foundation (www.agromisa.org)
September 1993	Role: Coordination of the volunteer groups that give advice to people in developing countries. Agromisa's aim is to support those who cannot afford the buy advice or knowledge on agriculture, food production and food preservation.

Education

2004 - 2009	Ph.D. at University of Twente, School of Management and Governance.
	Including Post Graduate Program Research School of Science, Technology and Modern Culture (WTMC) (2005 - 2006)
1993 - 1997	MA. Sciences and arts, Maastricht University, faculty of Cultural Sciences (currently the Faculty of Arts and Social Sciences)
1988 - 1991	Computer Science, University of Twente (After finishing about half the program, I quit for personal reasons)

Additional courses

2014	Swedish language course A2
2009	Introductory course in basic statistical techniques

2005 Course Presentation Skills

1998 - 1999 Course Scientific Writing in English

Language skills

Dutch (mother tongue)
English (fluent)
Swedish (basic; good reading skills)
German (basic; excellent passive skills)
Spanish (elementary)
French (elementary)

Computer skills

Databases: FileMaker Pro, MS Access

Transcription and text analysis: TAMSAnalyzer, Transcriva

Word processors: NeoOffice, MS Word, Pages

Reference software: Endnote Network visualization: Gephi

Spreadsheet programs: MS Excel, Numbers, NeoOffice Presentation software: MS PowerPoint, Keynote, NeoOffice

On-line: Office365, Google Docs, Cacoo

Volunteer activities

Spring 2021 – March 2024	Co-coordinator of the FileMaker for Research User Group.
January – December 2020	Sabbatical year in Costa Rica. Volunteer work at Osa Conservation (structuring sea turtle nesting data) and The Jaguar Rescue Center (taking care of animals)
January 2017 – present	Health and Safety representative (and deputy) at the Economic History Department of Lund University
December 2017 - August 2018	Coordinator of the seminar series on Energy, Innovation and Sustainability at the Economic History department of Lund University

July 2007 - September 2005	Chair of the Science, Technology and Society reading group for Ph.D students and junior researchers at University of Twente.
March 1997 - September 1996	Member of the Library committee at the Faculty of Cultural Sciences (currently the Faculty of Arts and Social Sciences) of Maastricht University
April 1997 - February 1996	Member of the Advisory Council of the Maastricht University's Science Shop
March 1996 - January 1995	Editor of Id, the magazine of students association Orakel
August 1996 - January 1993	Member of the Faculty Council of Faculty of Cultural Sciences (currently the Faculty of Arts and Social Sciences) of Maastricht University
December 1991 - May 1989	Member and chair of the student Course Evaluation Committee at the Faculty of Computer Science, University of Twente.

Grants

November 2007 PhD exchange grant from the European Union Network of Excellence Policies

for Research and Innovation in the Move towards the European research Area (PRIME) for a stay at Research Policy Institute, Lund University, Sweden,

February 2008 - May 2008.

Teaching experience

14 September 2011 Lecture 'Nanotechnology and research funding organizations' for the course

> 'Managing Science and Technology in Society' in the MA program Management, Policy Analysis & Entrepreneurship in Health Care' This was a two-hour lecture for 70 students. Slides can be viewed here.

February 2010 Course 'Qualitative research methods and MA thesis project guidance'

A method course for the European Studies of Society, Science and Technology

January 2010 Master program at Lund University.

Course coordinator Dr. Gustav Holmberg

I participated in the course development and gave four out of six seminars:

- 'Going through the thesis project'

- 'Case study'- 'Interviews'

- 'Writing your MA thesis'

(The seminars were attended by about five students)

June 2007 Course 'Introduction to policy analysis'
- Course coordinator Dr. Arco Timmermans

May 2007 I gave feedback and graded group assignments (Six groups, three assignments

per group).

June 2007 Co-supervision of Bob van den Berg on his master thesis *De ontwikkeling van*

de creatieve industrie in Nederland. (The development of the creative industry

December 2006 in the Netherlands)

Main supervisor Dr. Barend van der Meulen

April 2006 Course 'Technology Assessment of Information Technology'.

Feedback on group assignments and grading of these assignments. (Four

February 2006 groups, two assignments per group)

Course coordinator Dr. Ellen van Oost

Publications, reports and papers

Van der Most, F. (2013) The impact of evaluations on academic careers: An study of academics in four disciplines, four countries and three cohorts ACUMEN Deliverable D1.11. pdf

Van der Most, F. (2012) 'Changes in research funding systems due to emerging new fields of research? The case of nanotechnology in the Netherlands.' Paper presented at the conference 'Intellectual and Institutional Innovation in Science' 13-15 September 2012, Berlin

Van der Most, F. (2010) Use and non-use of research evaluation: A literature review. In *CIRCLE Electronic Working Paper Series*, WP2010/16. (pre-print version of a paper submitted to *Research Evaluation*). pdf

Van der Most, F. & Van der Meulen, B. (2010) Research councils facing new science and technology. In *CIRCLE Electronic Working Paper Series*., WP2010/11 (pre-print version of a paper submitted to *Research Policy*). pdf

Van der Most, F. (2010) Effects and non-use of research evaluation: A literature review (Draft). Paper presented at the EASST conference, 2 - 4 September 2010, Trento, Italy

Van der Most, F. (2010) Gearing research councils towards funding of emerging science and technology. Extended abstract presented at the international conference 'Tentative governance in emerging science and technology actor constellations, institutional arrangements & strategies'. 28-29 October, 2010, University of Twente, The Netherlands. presentation

Van der Most, F. (2009) Research councils facing new science and technology: The case of nanotechnology in Finland, the Netherlands, Norway and Switzerland. Enschede: University of Twente. (Dr. thesis) <u>pdf</u>

Van der Most. F. (2008) Regaining an intermediary position in the Dutch research funding landscape. A resource dependence theory interpretation of research funding organizations' interactions with nanotechnology. Paper presented at the EU-US Early Career Researcher Conference on Research and Innovation Studies, 1-4 July 2008, Enschede, the Netherlands. pdf

Van der Most, F. (2006) Research councils and emerging fields of science: the case of nanotechnology. A comparative pilot study of Germany, the United Kingdom, The Netherlands and Norway. Paper presented at the SSTNET workshop 'Science and change', 6 and 7 April 2006, Manchester. pdf

Van der Meulen, B., Rip, A., & Van der Most, F. V. (2002, March 21-23). *The role of the Norwegian research council in the dynamics of science: an ecological perspective on funding bodies.* Paper presented at the SPRU conference: Rethinking Science Policy: Analytical frameworks for evidence-based policy, Brighton.

Van der Most, F. & Van der Meulen, B. (2001) *RCN's role in the dynamics of research: a scientists' perspective*. Enschede, Brighton: University of Twente, Technopolis.

Van der Most, F., Homburg, E., Hooghoff, P., Van Selm, A. (2000). 'Nieuwe synthetische producten plastics en wasmiddelen na de Tweede Wereldoorlog' (New synthetic products, plastics and detergent after the Second World War). In J.W. Schot, H.W. Lintsen, A. Rip & A.A. Albert de la Bruhèze (eds.) *Techniek in Nederland in de Twintigste Eeuw*. (Vol II). Eindhoven, Zutphen: Stichting Historie der Techniek, Walburg Pers.

Van der Most, F., Schot, J. & Gales, B. (2000) 'Zout' (Salt). In J.W. Schot, H.W. Lintsen, A. Rip & A.A. Albert de la Bruhèze (eds.) *Techniek in Nederland in de Twintigste Eeuw*. (Vol II). Eindhoven, Zutphen: Stichting Historie der Techniek, Walburg Pers.

Van der Most, F.V. (2001) Specified Bovine Offal and human food. Enschede. Grenoble: University of Twente

Van der Most, F.V. & Smit, W.A. (1999) *BSE and the Netherlands National Action System*. Enschede, Grenoble: University of Twente.

Van der Most, F.V. & Smit, W.A. (1999) *BSE and the Belgium National Action System*. Enschede, Grenoble: University of Twente.