

## Curriculum vitae

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## Personal

Born: 2 August 1967, Berlin.

Married to Maiken Vienberg Engelhardt. We have two children.

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## Education

- Universitetspædagogikum - Teaching and Learning in Higher Education Programme, UCPH, 2015.
- PhD in Theoretical Biology and Complex Systems, Niels Bohr Institute, UCPH, 1998.
- Cand.scient. (Master) in Theoretical Chemistry, H.C.Ørsted Institute, UCPH, 1994.
- B.A. in Comparative European Literature, UCPH, 1993.

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## Study Visits and Collaborations

- Research fellow, 3 months, 2006, School of Education, University of California, Berkeley.
- Research visit, 3 months, 1997, Santa Fe Institute for Complex Systems, New Mexico.
- Study visit, 3 months, 1993-1994, Chimie et Physique Théoriques, Université Libre de Bruxelles.

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## Professional History

- Research Assistant, Center for Bubble and Information Studies, UCPH, Oct. 2018 – January 2020.
- Postdoc, Center for Bubble and Information Studies, UCPH, November 2016 – October 2018.
- Postdoc, Copenhagen Center for Disaster Research, UCPH, May 2014 – November 2016.
- External lecturer, Aalborg University, February 2014 – June 2014; Sept. 2015 - February 2016.
- Journalist & editor, Mediehuset Ingeniøren, May 2008 – January 2014.
- Communication Officer, Department of Mechanical Engineering, Technical University of Denmark, February 2008 - May 2008.
- Research manager, Research Unit Science, Technology and Learning, Learning Lab Denmark, Danish University of Education, 2001 – 2007.
- Research director, Center for Learning Games, Danish University of Education, 2005 – 2007.
- Science journalist & editor, Dagbladet Information, 1998-2001.
- Temporary teacher, Science and Philosophy, Royal School of Library and Information Science, Copenhagen, 1998-2000.
- Science writer, Weekendavisen, 1995-1997.
- Amanuensis, H.C.Ørsted Institute, University of Copenhagen, 1994-1995.

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## Parallel Activities

- Developer of Learning Games and Teaching Materials, Sententia (self-employed), 2011-present.
- Writer, Dagbladet Information, 10/2007 – 2009.
- Literary consultancy at Danish Publishing Houses 2003-2006.

- Columnist, Dagbladet Politiken, 10/2006 – 07/2007.
- Art exhibit *At Ville Ville*, Øjenkontakt, Days of Art and Love, Odense, 09/2005.
- Science & technology writer, Web Magazine Bitconomy, 07/2000-03/2001.
- Radio journalist, Danish Broadcast Corporation, 02/1999-10/1999.
- Columnist, Aktuelt, 12/1999.

## Publications

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### Theses

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- Engelhardt R. (1998). *Emergent Percolating Nets in Evolution - self-organizing networks of molecules and species and their relation to critical systems*, PhD-thesis, ISBN 87-7834-304-6, HCØ Tryk, Copenhagen. [[pdf](#)] [[ps](#)]
- Engelhardt R. (1994). *Modeling Pattern Formation in Reaction-Diffusion Systems - An investigation of Turing's Theory of Morphogenesis with special reference to highly non-linear and bistable systems*, Masters Thesis, Copenhagen University, June 1994. [[pdf](#)] [[html](#)] [[tgz](#)]

### Books and Monographs

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- John St. Waft, foreword by Dr. Engelhardt, Endnu et beskedent forslag - til at forbedre de asylsøgende flygtninges ulykkelige situation og gøre deres tilstedeværelse i Danmark til en fordel for dem selv og for det danske samfund, 24 pages, Autre, 2012, ISBN 978-87-994150-3-8. [[pdf](#)]
- Engelhardt R., Lund C., Jeg tager bomben med når jeg går - Udvalgte trusselsbreve m.m. fra Rigspolitiets Arkiv, 128 pages, People's Press, 2009, ISBN 9788770557603.
- Engelhardt R., Lund C., Jeg er bevæbnet og har tømmermænd - Udvalgte trusselsbreve fra Rigspolitiets arkiv, 128 pages, People's Press 2008. ISBN: 9788770554909.
- Engelhardt R., Siggaard Jensen H., ERGO - Naturvidenskabens Filosofiske Historie (Philosophical History of the Natural Sciences), Lindhardt & Ringhof. 2007, ISBN-13 978-87-595-2866. [[html](#)]
- Engelhardt, Mehlsen, Stjernfelt (eds.), Tankestreger - Tværvideenskabelige nybrud, DPU's Forlag, 2007, ISBN 978 87 7684 183 6.
- Richter L., Engelhardt R., Life of Science - White Book on Educational Initiatives in Natural Science and Technology, Learning Lab Denmark, 2002. [[pdf](#)]
- Engelhardt R., Hejlskov I., Mørk, K., Kloner og Stjernekrig (Clones and Star Wars - A textbook about classical science-fiction novels), Lindhardt & Ringhof, 2000. [[html](#)]

### Book Chapters

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- Engelhardt R., Wiewiura JS., Hendricks VF. (2019), *Kollektiv klogskab og polarisering*, in 'LIKE: Shitstorme, fake news, fear of missing out. What's not to like?', Mehlsen, C. & Hendricks, V. F. (eds.). Center for Information og Bolestudier (CIBS), p. 176-191. [[pdf](#)]
- Engelhardt, R. *Dynamical aspects of the Origin and Evolution of Language*, in 'Language and prehistory of the Indo-European peoples: A cross-disciplinary perspective (Copenhagen Studies in Indo-European 7)', Adam Hyllested, Benedicte Nielsen Whitehead, Thomas Olander & Birgit Anette Olsen (eds.), Copenhagen: Museum Tusculanum Press, 2017. [[pdf](#)]
- Engelhardt, R. *From Fragmentation to Congruence - Designing an Interdisciplinary Project Course*, Improving University Science Teaching and Learning - Pedagogical Projects 2015, Volume 8, Number 1-2, 2016
- Engelhardt R., 'Intro: Erindringer fra Museumsøen', in *Berlin*, a part of the series *Vide verden*, Aarhus Universitetsforlag, 260 pages, 2012, ISBN 9788779346895. [[pdf](#)]

- Engelhardt R., "Me, My Genes and Us - Personal Experiences with Gene Tests and some Sociological Observations", in *Consumer Medicin*, edited by Aaro Tupasela, Nordic Council of Ministers, ISBN 978-92-893-2038-2, Copenhagen 2010. [[abstract](#)][[html](#)][[pdf](#)]
- Lisser R. Ejersbo, Robin Engelhardt, Lisbeth Frølund, Thorkild Hanghøj, Rikke Magnussen, and Morten Misfeldt. *Balancing Product Design and Theoretical Insights*, The Handbook of Design Research in Mathematics, Science and Technology Education. Erlbaum, Mahwah, NJ. 2007. [[pdf](#)]
- Engelhardt R.: *A School Day is a School Day*, in Richter L., Engelhardt R. (ed.): *Life of Science*, Learning Lab Denmark, 2002 [[pdf](#)]
- Engelhardt R.: *Finnish Lessons*, in Richter L., Engelhardt R. (ed.): *Life of Science*. Learning Lab Denmark, 2002 [[pdf](#)]
- Engelhardt R.: *A School for the Future*, in Richter L., Engelhardt R. (ed.): *Life of Science*. Learning Lab Denmark, 2002 [[pdf](#)]
- Engelhardt R. (2001). *High Cooperativity as Origin of Pattern Complexity*, in: *Dynamical Modeling in Biotechnology*, ed. Bagnoli F. and Ruffo S., ISBN 981-02-3604-2, World Scientific.
- Engelhardt R. (2000). *Vive la difference*, in: *Hvordan Mand*, ed. Adam Holm, Tiderne Skifter. [[html](#)]

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### Research Journal Articles

- Hunding A., Engelhardt R. (2000): *Self-Organization and Evolution in a Simulated Cross Catalyzed Network*, *Origins. Life Evol. Biosphere* 30 (5): pp 439-457. [[pdf](#)] [[abstract](#)]
- Newman M.E., Engelhardt R. (1998). *Effects of selective neutrality on the evolution of molecular species*, *Proceedings of the Royal Society London B*, 265 (1403), pp. 1333-1338. [[pdf](#)] [[ps](#)] [[ps.gz](#)]
- Métais S., Dewel G., Borckmans P., Engelhardt R. (1997): *Pattern Selection in Bistable Systems*, *Europhysics Letters*, 37 (2), pp. 109-114. [[pdf](#)] [[html](#)]
- Hunding A., Engelhardt R. (1995). *Early Biological Morphogenesis and Nonlinear Dynamics*, *Journal of Theoretical Biology*, 173, pp 401-413. [[abstract](#)]

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### Reports and Memos

- Engelhardt R., "On pedagogical possibilities for the future application of information technology in education", memorandum to the Danish Ministry of Education, Learning Lab Denmark, 16. April 2004. [[pdf english](#)] [[pdf danish](#)]
- Robin Engelhardt, Morten Misfeldt, Ole Graa Jacobsen, Hans-Jørgen Kristensen, Vibeke Fahlén, and Rasmus Dahl, *Praktikken i diplomingeniøruddannelsen [In-service training for BSc (engineering)-students]*, Pedagogical Network for Engineering Education in Denmark, Periodical(2), Niels Borhs Alle 1, Odense , 2004. [[pdf](#)]
- Robin Engelhardt, Ove Poulsen, et. al., *Physics and chemistry: science for everyone*, Report on Danish science education policy, The Danish Ministry of Science, Technology and Innovation, 2002. [[pdf](#)] [[html](#)]

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### Articles in Newspapers

More than 600 articles in Danish newspapers and magazines. Please have a look at <http://blog.robinengelhardt.info> where most of them are indexed.

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### Learning Games

- Engelhardt R., Boll-Johansen B., Storm S. (2019), *Videnskanylen* [[html](#)]
- Engelhardt R., Boll-Johansen B. (2015), *Podcasts for Poder* [[html](#)]
- Engelhardt R., Vilhelmsen L., Møller M., et.al. (2005): *Drabssag Melved* [[html](#)]

- Engelhardt R., Vilhelmsen L., Skovgaard P. (2004): *Hazardcards* [[html](#)]

## Other stuff apart from writing:

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### Project Management and Selected Sponsored Projects and Grants (2001-2012)

- Project Coordinator of [Podcasts for poder](#), a project to develop a series of podcasts for preschool children, learning about numbers and letters in the alphabet. The project is sponsored by the Danish Ministry of Education and tips- og lottomidler, 2012.
- Research Manager of the Research Unit Science, Technology and Learning (STL) at Learning Lab Denmark (08/01-02/07), Danish University of Education. The group consisted of approx. twenty people, incl. student helpers, phd-students, developers and researchers.
- Initiator and Research Director of the Center for Learning Games (02/05-02/07) at the Danish University of Education. The goal of CLG was to become an international leading center for the understanding and development of learning games, where the theoretical understanding of learning games is explored through the practical design of game based learning tools.
- Project Coordinator of [Laboranova](#) (03/05-02/06). An EU-project (IST call 6) on creating a collaboration environment for strategic innovation. The project is a collaboration between 19 European partners with a budget of € 7 mio.
- Work Package Leader of [ChangeMasters](#) (09/06-02/07). An EU-project (e-Ten) on validating and customizing an edutainment services for change and innovation management. The project was collaboration between eight European partners with a budget of € 1.3 mio.
- Project Initiator and Principal Researcher of [Hazardcards](#) (02/04-). Hazardcards is a combined debating game and art piece. It communicates science and technology by presenting known and unknown technological accidents in a new and challenging way.
- Principal Investigator of Scope (08/06-02/07). The project Scope aimed at creating an assistant tool for searching for information on the internet.
- Project Manager of Exhibit Øresund project within LLD (09/06-02/07). Exhibit Øresund was an EU-funded project to create innovative ideas for science communication within selected universities in the Øresund region.
- Project Manager of Open Cards (05/06-02/07). Open Cards was an open card game creation format, which could be used in schools as an alternative form of presentation and reflective analysis of any subject.
- Project Management of [World Class Math and Science](#) (08/01-08/04). The project intends to identify new concepts in education and greater flexibility in teaching methods aimed at improving general education standards.
- Project Manager of [Homicide](#) (03/03-11/03). Homicide, or 'Drabssag Melved', is an IT-supported role-playing game for entire classes.
- Organizer of the EU Presidency Conference on Education in Science and Technology - Changes and Challenges, 8-9 November 2002, Copenhagen.

### Consulting Record (major items)

- ICT strategy development for primary and secondary schools, Danish Ministry of Education, September 2004.
- Development of in-service training methodology for BSc (engineering)-students, Pedagogical Network for Engineering Education in Denmark, Summer 2004.

- Commission member of Natural Science Curriculum development, Danish science education policy, The Danish Ministry of Science, Technology and Innovation, Copenhagen, 2002.

### **Presentations (major items)**

- *Fremtiden Direkte*, debatarrangement med Dagbladet Information, 23. april 2015
- *Science, the media and policy*, conference on "Critical technology trends and what they mean for us", June 27, 2014, Alsion SDU Campus, Sønderborg, Denmark.
- *The Philosophy of Günther Anders*, Aalborg University, 26. September 2013.
- Engelhardt R., "Me, My Genes and Us", keynote presented at the conference *Genetic Self-Testing*, Nordic Committee on Bioethics, Århus, 14-15 January 2009. [[pdf](#)]
- *Heroic Politics and the Framing of Public Opinion*, conference on Research, Politics, Money - and Journalism, Danish Science Journalists Association, 1. june 2007. [[pdf](#)]
- *Games as Learning Platform*, World Summit on the Inf. Society, 9-13. December 2004, Geneva.
- *Hvad bliver der tilbage når alt er anderledes? - at leve sammen med cyborgs, kloge maskiner og kadavre med bankende hjerte*, Etisk Råd, Copenhagen 3. december 2004.
- *It's about Learning*, Fundamental Change in Curriculum, BBC, London, 21. November 2004.
- *Learning Experiments with Sceince Games*, Nesta Futurelab, Bristol, 22. November 2004.
- *Naturens Terror og Teknologiens Rædsel - eller historien om hvordan vi frakender vores børn retten til at vælge*, Totalforsvarskursus *Truslen mod Danmark*, Charlottenlund, 17. november 2004.
- *Expanding the television format to other platforms - cross media solutions*, Science in Media - conference, 16 - 17. December 2002, Copenhagen, Denmark.