

Curriculum Vitae

Gerard A.M. Kempen

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Affiliations

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Date of Birth

September 24, 1943

Marital Status

Married (since 1967) to Gerda van Dommelen

Three children: Masja (1968), Jessica (1971), Christoph (1978)

Nationality

Dutch

Education

Gymnasium-A (diploma June 1961)

Psychology (M.A., December 1966, Radboud University, Nijmegen)

Doctorate (Ph.D., June 1970, Faculty of Social Sciences, Radboud University, Nijmegen)

Academic Positions

Experimental Psychology Unit, Radboud University, Nijmegen:

1967: Wetenschappelijk medewerker (PhD student and Research Asst., Exp.Psych.)

1971: Wetenschappelijk hoofdmedewerker (Asst. Prof., Exp. Psych.)

1976: Lector Taalpsychologie (Assoc. Prof. of Psycholinguistics)

1980-1992: Hoogleraar Taalpsychologie (Full Prof. of Psycholinguistics)

Cognitive Psychology Unit, Leiden University

1992-2004: Hoogleraar Cognitieve Psychologie (Full Professor of Cognitive Psychology;)

2004-present: Emeritus-hoogleraar Cognitieve Psychologie (Professor-emeritus of Cognitive Psychology)

Max Planck Institute for Psycholinguistics, Nijmegen

1999-present: Research Associate

Post-doctoral positions

1973-1974: University of Sussex (Brighton, UK), Dept. Experimental Psychology

1975-1976: Yale University (New Haven CT, USA), Artificial Intelligence Project, Dept. Computer Science

Visiting Professorships

Spring 1975: Universitas Indonesia, Jakarta, Indonesia

Summer 1975: Universitas Padjadjaran, Bandung, Indonesia

Management

1978-1981: Vice-Dean, Faculty of Social Sciences, Radboud University, Nijmegen

1979-1981: Member of the Board, Dutch Psychological Association (Nederlands Instituut van Psychologen)

1980-1984: Member of the Board, Dutch Psychonomics Foundation (NWO)

1984-1992: Chairman of the Board, Undergraduate Study Program in Cognitive Science, Radboud University, Nijmegen

1987-1992: Member of the Board, Nijmegen Institute for Cognition and Information (NICI; now part of Donders Institute)

1987-2004: Chairman of the Board, Cognitive Technology Foundation (Cognitech), Nijmegen/Leiden

1987-1990: Member of the Nominating Committee of the European Chapter of the Association for Computational Linguistics

- 1990-1995: Member of the Scientific Council, Institute for Functional Research into Language and Language Use (Instituut voor Functioneel Onderzoek van Taal en Taalgebruik, IFOTT), University of Amsterdam
- 1990-2000: Member of the Board, Foundation for Information Science in The Netherlands (StinfoN)
- 1992-2004: Member of the Board, Graduate Research Institute for Experimental Psychology (EPOS)
- 1993-2008: Member of the Board, Foundation Institute for Dutch Lexicology (Lid Algemeen Bestuur, Stichting Instituut voor Nederlandse Lexicologie), Leiden
- 1993-1995 Chairman of the Board, Cognitive Psychology Unit, Leiden University
- 1996-2000: idem
- 1999-2003: Member of the Council for Dutch Language and Literature (Raad voor de Nederlandse Taal en Letteren, Nederlandse Taalunie).

Conference Organizing Committees (Chair)

- 1981: First National Congress of Psychologists of The Netherlands, Nijmegen
- 1983: International Symposium on Descriptive Language Use, Nijmegen
- 1984: Conference on Psychology and Informatics, Nijmegen
- 1986: Third International Workshop on Natural Language Generation, Nijmegen
- 1989: Workshops on Language Production and on Cognitive Ergonomics, First European Congress of Psychology, Amsterdam
- 1995: Fifth European Workshop on Natural Language Generation, Leiden
- 1996: International Workshop on Computational Models of Human Syntactic Processing, NIAS, Wassenaar
- 2000: Sixth International Conference on Architectures and Mechanisms of Language Processing (AMLaP-2000), Leiden
- 2006: Symposium on Neurocognition of Unification, Nijmegen)

Membership of Program Committees of international scientific conferences and workshops (selection)

- Conferences of the European Chapter of the American Association for Computational Linguistics
- International Workshops on Natural Language Generation
- European Workshops on Natural Language Generation
- European Conferences on Artificial Intelligence (ECAI)
- International Joint Conferences on Artificial Intelligence (IJCAI)
- Computational Psycholinguistics Workshop (Berkeley, August 1997)
- Human Sentence Processing Workshops (CUNY), every year since 1997

International Conferences on “Architectures and Mechanisms for Language Processing” (AMLaP; nearly every year since 1997)
 Cognitive Science Conference, Edinburgh 2001

Memberships of Editorial Boards

1974-1988: Nederlands Tijdschrift voor de Psychologie
 1976-1982: Acta Psychologica
 1981-1988: Interdisciplinair Tijdschrift voor Taal- en Tekstwetenschap (TTT)
 1977-1983: De Psycholoog
 1977-1989: Series Editor of ‘Taal, Mens Maatschappij’, Wolters-Noordhoff
 Publisher, Groningen.
 1981-1997: Tijdschrift voor Taalbeheersing
 1986-1992: Acta Psychologica (Editor, Cognitive Ergonomics Section)
 1987-1991: Consultation Board, International Pragmatics Association
 1989-2004: Computer Assisted Language Learning
 1994-1997: EMNET, Nieuwsbrief Elektronische Media
 2000-2004: Cognitive Science Quarterly (Member, Editorial Board)

Reviewing for international scientific journals and organizations

Journal of Memory and Language
 Cognition
 Cognitive Science
 Acta Psychologica
 Language and Cognitive Processes
 Psychological Research/Psychologische Forschung
 Bilingualism: Language and Cognition
 Behavioral and Brain Sciences
 Psychological Review
 Quarterly Journal of Experimental Psychology
 Artificial Intelligence Journal
 European Journal of Cognitive Psychology
 Psychological Science
 Folia Linguistica
 Language Sciences
 International Joint Conference on Artificial Intelligence (IJCAI)
 Royal Academy of the Sciences (KNAW, Amsterdam)
 NWO (Netherlands Organization for Scientific Research)
 Netherlands Institute for Advanced Study (NIAS, Wassenaar)
 NATO Scientific Affairs Division (Brussels)
 European Science Foundation (ESF, Strasbourg)
 National Foundation for Scientific Research (NFWO, Belgium)
 National Science Foundation (NSF, USA)

Volkswagenstiftung

Economic and Social Research Council (ESRC, UK)

Deutsche Forschungsgemeinschaft (DFG, Germany)

Membership of Scientific Societies

Nederlands Instituut van Psychologen (NIP; Netherlands Institute for Psychologists; 1967-2002)

Koninklijke Hollandse Maatschappij der Wetenschappen (Royal Holland Society for Sciences and Humanities), Haarlem (1990-present)

Nederlandse Vereniging voor Toegepaste Taalwetenschap (ANÉLA; Dutch Society for Applied Linguistics; till 2003)

European Society for Cognitive Psychology (ESCoPs; till 2006)

Nederlandse Vereniging voor Psychonomie (Dutch Psychonomic Society; till 2004)

Werkgemeenschap Informatiewetenschap (Workgroup on Information Science; till 2003)

Consultancy

1982-1985: Ministry of Education of The Netherlands (on Cognitive Science and Artificial Intelligence)

1983-1987: Maastricht University (on Cognitive Science)

1983-1990: Ministry of Economic Affairs of the Netherlands (on Machine Translation)

1987-1990: Van Dale Lexicografie (Publishing Company, Utrecht; on Language Technology)

1987-1996: Project Reviewer, ESPRIT Program (European Commission, Brussels)

1988-1994: Raad van Advies voor Bibliotheekwezen en Informatievoorziening (RABIN; Netherlands Council for Libraries and Information Services), Den Haag

1988-1995: Wetenschappelijke Adviesraad van het TNO-Instituut voor Technische Menskunde (Scientific Advisory Board, TNO Human Factors Research Institute), Soesterberg

1990-1991 External Examiner for two doctoral dissertations in the area of computational linguistics, at the University of Cambridge and the University of Edinburgh

1992 External Examiner for a Habilitationsschrift on Psycholinguistics, University of the Saarland, Saarbrücken

1994-1996: KNAW Committee on the Future of Educational Research in The Netherlands

1996-2000: Advisory Board IPO, Center for Research on User-System Interaction (Technical University Eindhoven)

1999 External Examiner for a Habilitationsschrift on Cognitive Linguistics, Friedrich-Schiller-Universität, Jena

- 2000-2001 Royal Academy of Sciences, The Netherlands (KNAW) on Linguistics & Psychology
- 2001 Member of the Jury, International Franqui Prize (Brussels)
- 2001 Member, Visitatiecommissie Onderwijs Artificiële Intelligentie (VSNU)
- 2009 Chairperson of the Jury, Dissertation Prize of the Dutch Psychonomics Association (Nederlandse Vereniging voor Psychonomie)

Research Grants and Contracts:

- 1976-1980: 'Building a psychologically plausible sentence generator for Dutch' (funded by NWO; 4 man-years)
- 1980-1982: Building an analysis-by-synthesis parser for Dutch' (NWO; 2 myr)
- 1982-1985: 'Language Technology Project' (Ministry of Economic Affairs; 9 myr)
- 1984-1989: Natural Language facilities for an intelligent office workstation' (ESPRIT, European Commission, Brussels, 15 myr)
- 1985-1989: 'Artificial Intelligence tools for grammar and spelling instruction (SVO; 8 myr)
- 1987-1991: 'A connectionist model for natural language generation (NWO; 4 myr)
- 1989-1995: 'Man-machine communication by means of natural language' (Ministry of Economic Affairs (SPIN); 20 myr)
- 1995-1998: KNAW postdoctoral fellowship ('Academie-onderzoeker') in the area of computational psycholinguistics (3 myr)
- 1995-1996: NIAS Sabbatical Year and Study Group on 'Computational models of human syntactic procesing' (3.5 myr)
- 1997-2004: KNAW postdoctoral fellowship ('Academie-onderzoeker') in the area of grammatical induction (5 myr)
- 1997-2001: 'Syntactic processing in language comprehension and production: experimental evaluation of the single-processor hypothesis' (PhD student, 4 myr; Leiden University)
- 1997-1999: Postdoctoral researcher for project on Computational modeling of human syntactic processing (1 myr, Cognitive Technology Foundation)
- 1998-2003: 'Visual Grammar: Multimedia for grammar and spelling instruction' (PhD student, 4 myr, Department of Computer Science, Leiden University)
- 1999-2000: 'Natural Language Generation', Project ToKen2000 (NWO, 1 myr)
- 2001-2005: 'Spreekbuis: Automatic Concept-to-Speech Generation in Dutch' (PhD student, 4 myr; in collaboration with Department of General Linguistics, Leiden University; ToKeN2000 project)
- 2003-2007: Natural Language Processing for Dutch ("Narrator" project within ToKeN2000, in collaboration with Department of General Linguistics, Leiden University, PhD student, 4 myr; retired from the project in 2004 due to emeritus status)

2004-2009: PLUS: A neurocomputational model for the processing of linguistic utterances based on the Unification-Space architecture (Postdoc 3 myr; PhD student 4 myr)

PhD Dissertations supervised as ‘Promotor’ (24 in total between 1979 and 2010)

Wegman, Cees
Hoenkamp, Eduard
Marat, Wiwi
Nas, Gerard
Van Bon, Wim
Meijsing, Monica
Daelemans, Walter
Meijers, Guus
Van Wijk, Carel
Bergman, Marijke
De Smedt, Koen
Dijkstra, Ton
Hofstede, Ben
Roelofs, Ardi
Bos, Edwin
Vosse, Theo
Huls, Carla
Van Aalst, Jan-Willem
Sprenger, Simone
Jonkersz (Bloem), Ineke
Arsenijevic, Boban
Olsthoorn, Nomi
Kuipers, Jan-Rouke
Snijders, Tineke