2006
Annual Report

Center for Language and Cognition Groningen
Faculty of Arts, University of Groningen
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Foreword

The Centre for Language and Cognition, Groningen (CLCG) continued its active ways in 2006. It was an exciting place to work and research. On behalf of CLCG I am pleased to present the 2006 annual report. Highlights of this year’s activities were:

- Five PhD theses were defended, on *Self-Presentation Strategies of Turkish Women’s Talk about their Health and Sexuality* (Neslihan Kansu-Yetkiner), on *Functional imaging of the hemispheric contribution to language processing* (Mónika Z. Zempléni), on *Prosodic Processes in Language and Music* (Maartje Schreuder), on *Topics in Nivkh Phonology* (Hidetoshi Shiraishi) and on *Finding the Right Words: Implementing Optimality Theory with Simulated Annealing* (Tamás Biró).
- Seven new PhD projects were started,
  - three in computational linguistics (all externally funded): Vowels in Swedish Dialects; Conditional entropy as a measure of intelligibility; Phylogenetic analysis of Bulgarian phonology;
  - three in syntax and semantics (two externally funded): Specifying coordination and appositions; Grafting in syntax (Parataxis); The syntax and morphology of relative clauses;
  - two in discourse and communication: one in collaboration with computational linguistics, and one on discourse structure.
- The developmental dyslexia project (Zwarts and Been) entered its eighth year;
- Four NWO projects completed their last years:
  - on the verb in aphasia (Roelien Bastiaanse);
  - on markedness and definiteness in the noun phrase in Ancient Greek (Gerry Wakker);
  - on optimality theoretic methods applied to semantics (Petra Hendriks, in collaboration with Nijmegen and Utrecht);
  - on the comprehension of coordinate structures (Petra Hendriks, ASPASIA program).
- Three NWO projects continued:
  - on automated question-answering (Gosse Bouma);
  - on auditory perception in aphasia (Roelien Bastiaanse);
  - on the determinants of dialect differences (John Nerbonne and Hermann Niebaum).
- Several language resource projects (STEVIN) continued:
  - IRME led by Gertjan van Noord on fixed expressions;
  - COREA led by Gosse Bouma on pronominals;
  - D-COI led by Gertjan van Noord on dependency parsing.
- A new project began: LASSY led by Gertjan van Noord on syntactic annotation.
- A NWO project began on Script analysis tools for the cultural heritage (John Nerbonne).
- Two internationally funded projects began:
  - one led by John Nerbonne aimed at measuring linguistic differences, funded by the German Volkswagen foundation;
  - one led by Bart Hollebrandse aimed at characterizing the structural complexity in language, funded by the European Community (in collaboration with Postdam, Manchester and St. Andrews).
- A NWO VICI project was awarded to Petra Hendriks to support research on asymmetries in grammar.
• NWO approved three program proposals, by
  • Kees de Bot and Monika Schmid on language attrition in immigrant groups;
  • Markus Egg on discourse analysis, and
  • Jan-Wouter Zwart on dependency in universal grammar.
• CLCG hosted seven visiting scholars;
• Sixteen CLCG colloquia were held on a broad range of topics;
• Seven international scientific meetings were hosted in Groningen;
• Five national workshops and conferences were hosted in Groningen, including the traditional Groningen TABU dag;
• CLCG continued cooperation with Tübingen, The Ohio State University, University of Massachusetts, and the University of California at San Diego.

Prof. dr. ir. John Nerbonne
CLCG director

Groningen, April 2007
Part One
1. Introduction

The Center for Language and Cognition Groningen (CLCG) is a research institute within the Faculty of Arts of the University of Groningen. It houses all the linguistic research carried out within this faculty. This report summarizes the institute's activities during 2006.

A substantial appendix, including a full list of publications of all CLCG members in 2006, their lectures and other professional activities, may be found on the institute's website, http://www.rug.nl/let/onnderzoek/onderzoekinstituten/clcg/ (see the section on "Reports").

1.1 Institutional Embedding

The institute is part of the Faculty of Arts, and all of its members are employed there. Many researchers likewise participate in Groningen's Center for Behavioral and Cognitive Neurosciences (BCN), a local interdisciplinary research school that brings together research from different faculties of the University of Groningen, in particular the Faculty of Mathematics and Natural Sciences, the Faculty of Medicine, the Faculty of Psychological, Pedagogical and Social Sciences, the Faculty of Philosophy, and the Faculty of Arts. Many of the CLCG members have likewise chosen to participate in the national graduate school in Linguistics, LOT (Landelijke Onderzoeksschool Taalwetenschap) as of 2005. One of the major tasks of BCN and LOT is the training of PhD students. Various PhD students attend courses that are organized by BCN and LOT, while some senior researchers teach such courses.

1.2 Profile

CLCG recognizes special responsibilities in the following four areas:

- Linguistic research must work hand in hand with the instructional needs of the faculty, particularly in the modern European languages (Germanic, Romance, Slavic and Finno-Ugric).
- CLCG has a special responsibility for Dutch languages and dialects, especially the minority languages spoken in the Northern Netherlands that is to say Frisian and Lower Saxon. The university recognizes this special responsibility.
- Applications justify linguistic research (as well as progress in understanding). This is important for educational linguistics, aphasisiology, communications, and computational linguistics.
- CLCG is in a unique position to contribute to progress through cooperation with the cognitive neurosciences in Groningen. This opportunity is concentrated in neurolinguistics, linguistic development, and theoretical and computational linguistics.

CLCG seeks to meet these responsibilities especially by recruiting appropriate expertise whenever vacancies arise.
2 CLCG in 2006

2.1 Structure

The Research Staff is listed in the last chapter. In 2006 CLCG consisted of six research groups, organized by subdiscipline:

- Syntax and Semantics
- Discourse and Communication
- Language Variation and Language Change
- Computational Linguistics
- Language and literacy development across the life span
- Neurolinguistics

New members:
John Hoeks joined the permanent staff of CLCG.

2.2 Director, Advisory Board, Coordinators

Prof.dr.ir. J. Nerbonne succeeded Prof.dr. G.J. de Haan as director of the Center for Language and Cognition Groningen in 1999 and has continued as director through 2006.

The Advisory Board of the CLCG chose Prof.dr. C. de Bot as its chair in 2003 and he has continued through 2006. The board advises the director on policy matters and consists of the full professors and the coordinators of the research groups, listed below.

Prof.dr. Y.R.M. Bastiaanse  
Prof dr. C.L.J. de Bot  
Dr. M. Egg  
Prof.dr. C.M. de Glopper  
Prof.dr. G.J. de Haan  
Prof.dr. C.T. Hasselblatt  
Prof. dr. J. Hoeksema  
Prof.dr. T. Hofstra  
Prof.dr. J. Koster  
Prof.dr. A.G.B. ter Meulen  
Prof.dr. H.W.H. Niebaum  
Dr. G.J. van Noord  
Dr. M. Norde  
Prof.dr. G. Redeker  
Prof.dr. S. Reker  
Dr. L.A. Stowe  
Dr. C.J.W. Zwart

The CLCG Advisory Board met once in 2006, on July 5.

The main point on the agenda was the change in the program of the Research Master Linguistics that had been prepared by the director of studies in consultation with the educational committee and the faculty board. The aim of the changes proposed was to make the program more attractive for students from different subdisciplines within the faculty and beyond, and to make the specific strengths of the CLCG research more visible. The faculty
board stimulated this development by providing financial support for the preparation and provision of the new program. In the new program, that is planned to start in the academic year 2007-2008, there will be more courses taught specifically for the students in the research master, though these courses will also be available for other master programs in the language departments.

### 2.3 Assessment

CLCG was assessed in 2004 for the period 1998-2003 according to the guidelines of the "Standard Evaluation Protocol", published by the Office of the Association of Dutch Universities (VSNU). Details of that assessment and CLCG’s reaction may be found in the 2005 annual report. We note here that we have effected all of the recommendations of the assessment board as of 2005.

### 2.4 Staffing

The first source of funding is the university, the second the national and European science agencies (the Dutch Organization for Scientific Research – NWO, the Royal Dutch Academy of Sciences – KNAW, the European Marie Curie Fellowship Program, the Dutch Government (Nederlandse Taalunie) and the European Community, and the third includes all the rest, esp. contract research. In table 1 the three sources, together with the full-time equivalents for each function in 2006, are displayed.

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Table 1. Financial sources with full-time equivalents (fte) for each function in 2006

### 2.5 Finances: Travel and Material costs

The budget for the CLCG-travel and material, intended for regular members of the CLCG, covers staff travel abroad and organization of conferences, workshops and other meetings with a scientific character. In 2006, the annual financial support from the Faculty of Arts, amounted to € 38,000. In the reporting period a sum of approximately € 25,000 was spent.
2.6 Internationalization

The LANSPAN group is involved in three international projects.

‘Characterizing Human Language by Structural Complexity’ (CHLaSC), led for Groningen’s part by Bart Hollebrandse and Angeliek van Hout, is an EU sponsored collaboration with the Zentrum für Allgemeine Sprachwissenschaft, Berlin, (ZAS), University of Potsdam, University of Manchester, St. Andrews University and University of Groningen. P.I: Ulrich Sauerland, ZAS, 3 years (2006-2009). This project involves a three-year postdoc.

‘Cross-linguistically robust stages of children's linguistic performance with applications to the diagnosis of specific language impairment’ is an EU (COST) project, sponsoring collaboration. Bart Hollebrandse and Angeliek van Hout lead Groningen’s participation. Ulrich Sauerland, Zentrum für Allgemeine Sprachwissenschaft, Berlin, (ZAS) is P.I. of the twenty-partner network, which is scheduled to work for 4 years (2006-2010).

‘The acquisition of wh-questions, quantification, tense and aspect’, led in Groningen by Bart Hollebrandse and Angeliek van Hout, is a three-year NWO collaboration project (2004-2007) with the University of Massachusetts. Van Hout is P.I.

Computational Linguistics has several international projects.

John Nerbonne leads an NWO collaboration project with Tübingen, Seminar für Sprachwissenschaft. The project focuses on computational and psycholinguistic processing. The ACL/COLING workshop on ‘Linguistic Distances’ (July 23, 2006, Sydney) grew out of this collaboration.

John Nerbonne is also leader of an NWO collaboration project with the Department of Linguistics, The Ohio State University, in which formal methods are central. The Symposium on ‘Theory and Evidence in Semantics’ in honor of David Dowty (June 1, 2006, Groningen) grew out of this collaboration.

Prof. Timo Lauttamus, Oulu, works on Finnish-English language contact using software developed in the CL group to detect language contact effects. This Finnish Academy of Sciences project Lauttamus’ visit to Groningen from Sept. 15, 2006 through Nov. 15, 2006. He lectured at the conference "Language Contact in Times of Globalization" and gave a CLCG colloquium.

Measuring Linguistic Unity and Diversity is a three-year project involving John Nerbonne, Groningen, Seminar für Sprachwissenschaft, Tübingen and the Laboratory for Linguistic Modelling, Sofia. It funds a graduate student project in Groningen and is financed by the Volkswagen Foundation.

Geoffrey Andogah works on an NPT project managed by the Dutch Nuffic. He works on geographic information retrieval half-time in Groningen and half-time at Makerere University in Kampala, Uganda. Gosse Bouma and John Nerbonne are project supervisors.

Discourse & Communication

Markus Egg lead the Groningen participation in the Erasmus Mundus European Masters’ Programme in ‘Language Communication and Technology’. This International Masters Programme that leads to a double degree is coordinated by the University of the Saarland.
Syntax and Semantics

Brigitte Kampers-Manhe, Groningen, participates in the project *La Grande Grammaire du Français*, funded by the CNRS and aimed at writing a completely new Grammar of French.

Neurolinguistics

‘Learning and Processing of Complex Syntax’ is an NWO collaboration project led by Laurie Stowe and involving Roelien Bastiaanse and Heike Behrens, which aims at research on complex sentence processing and learning together with UCSD, San Diego.

Roelien Bastiaanse leads ‘Mental Lexicon’, a Canadian-funded international research network of psycho- and neurolinguists.

‘Multilingual Multidisciplinary Studies on Brain and Language’ (MMSBL) is an ESF network led by Roelien Bastiaanse, neurolinguists, neuropsychologists and neurologists.

Graduate Students

Lonneke van der Plas successfully acquired NWO funding for ‘Multilingual question answering’, a collaboration with Macquarie University, Australia. They work together on a multi-lingual question-answering system.

Apart from these formal cooperation programs, the CLCG has valuable informal contacts with various other institutions in Europe, Israel, Japan, and the United States.

2.7 Contract Research

Etoc (Expertisecentrum voor Taal, Onderwijs en Communicatie), the Faculty of Arts’ Expertise Center for Language, Education and Communication specializes in research and development. Etoc works on a contract basis and carries out projects for national, provincial and municipal agencies and for primary and secondary schools. In 2006 Etoc’s projects focused on the development of language policies for schools, on language testing and on the development of teaching and learning materials. This year, the contracts totaled approximately Euro 400,000. During 2006, Kees de Glopper was appointed as the new director of Etoc. The former director, Hilde Hacquebord, completed her second term, and left Etoc after six very active and succesful years.

3 Research Activities

3.1 Conferences, Cooperation, Colloquia

CLCG organized the annual *TABU day* once again, and was centrally involved in several other local conferences.
3.1.1 TABU-day 2006

The TABU-day, the annual one-day conference on general linguistics, organized by Groningen University, was held on June 2nd, 2006. Maria Trofimova, Rasmus Steinkrauss, Tim Van de Cruys & Markus Egg (senior advisor) coordinated the event. The first keynote lecture, given by Prof. Horst Müller from the University of Bielefeld, Germany, was concerned with neurolinguistic approaches to proper name processing. The day was closed by Prof. David Dowty from Ohio State University, USA, who talked about compositionality as an empirical problem. The program in between consisted of talks by mainly junior researchers. This year’s TABU-day had 13 presenters from Groningen University, 16 presenters from other Universities in the Netherlands and one presenter from abroad. The presentations covered a wide range of topics, from historical linguistics via communication and discourse to theoretical syntax. In total, about 100 people attended the event (University of Groningen: 67; other Dutch universities: 24; foreign universities: 12).

Members of the CLCG also took part in the organization of conferences, workshops, symposia mentioned in the next sections.

3.1.2 Groningen conferences

CLCG members organized the following international meetings in Groningen in 2006:

Symposium on Language and Identity, Identity construction in and through discourse, 7th February 2006, Groningen, organiser: Gisela Redeker.


Ambiguity in Language, workshop on experimental, computational and theoretical approaches to ambiguity, 23rd April 2006, Groningen, organisers: Laurie A. Stowe (chair), Monika Z. Zempleni.


Workshop Computing and Phonology, 9th December 2006, Groningen, John Nerbonne (chair).

CLCG members organized the following national meetings in Groningen in 2006:
3.1.3 Conferences elsewhere

Thematic Meeting KNAW, Text and Representation, 13th March 2006, Amsterdam, NL, Organisers: Alice ter Meulen (Groningen, chair).

NWO meeting of the CATCH (Continuous Access To Cultural Heritage) project subject description, Script Analysis Tools for the Cultural Heritage, 7th April 2006, Nationaal Archief, Den Haag, organisers: Nationaal Archief, University of Groningen, Dr. Svitlana Zinger (Groningen, supervising interactive sessions on text annotation for historical handwritten documents).

Workshop on Negation and Polarity, 14th April 2006 - 15th April 2006, Swarthmore College, Organisers: Jack Hoeksema (Groningen).


Conference on Natural Language Learning (CoNLL), 8th June 2006 - 9th June 2006, New York, Chairs: Lluis Marquez, Dan Klein. John Nerbonne (Groningen, member, Program Committee).

LOT Summer School 2006, Linguistics, 12th June 2006 - 23rd June 2006, Amsterdam, Organisers: Sergio Baauw, Markus Egg (Groningen, teacher)..
Language Learning Round table on Dynamic Aspects of Language Development, 20th June 2006, Montreal, Canada, Organisers: Kees de Bot (Groningen, chair).

Workshop on Constraints in Discourse, Formal approaches to discourse, 7th July 2006 - 9th July 2006, Maynooth, Ireland, Organisers: Anton Benz, John Harpur, Peter Kühnlein. Gisela Redeker (Groningen, member of the Program Committee).


MWE workshop, Workshop on multiword expressions at ACL 06, 23rd July 2006, Sidney, Australia, Organisers: ACL. Gosse Bouma (Groningen, reviewer).


Formal Grammar, 30th July 2006, Malaga, Spain, Organisers: ESSLLI, Gosse Bouma (Groningen, reviewer).


NLP4ME, NLP for Metadata Extraction, 12th September 2006, Varna, Bulgaria, Organiser: Kivil Simov. Gosse Bouma (Groningen, reviewer).


Going Romance 2006, annual conference on Romance linguistics, 7th December 2006 - 8th December 2006, Amsterdam, Organisers: Danièle Torck, Leo Wetzels. Brigitte A.A. Kampers-Manhe (Groningen, member of the permanent organizing committee); Reineke Bok-Bennema (Groningen, member selection committee, moderator).
### 3.1.4 Visiting scholars

The following scholars visited CLCG during 2006:

Drs. Ilona Kónya, Selye János University, Komarnó, Slovakia, visited Jan. 1-31 2006 for research and consultation on Hungarian-Dutch bilingualism. Mária Czibere hosted this visit during which a survey was constructed, data was collected, and further plans made.

Prof. Dr. Timo Lauttamus, University of Oulu, visited Sept. 15 through Nov. 15, 2006 to collaborate with John Nerbonne research on Language Contact. See Sec. 2.6 above.

Prof. Dr. Erhard Hinrichs, University of Tübingen, visited May 28 through June 3rd first to collaborate on research on language contact (in conjunction with the Linguistic Unity and Diversity project, see 2.6) and also to collaborate in the organization of the Symposium ‘Theory and Evidence in Semantics’ (see 2.6, Ohio State University collaboration).

Dr. Jolán Róka, Eötvös Loránd University, Budapest, visited Oct. 1-20 for research on Hungarian in collaboration with Mária Czibere.

Prof. Dr. Gerhard Jaeger, Bielefeld, visited Dec. 7-9 in his capacity as reading committee member on Tamás Bíró’s dissertation. He also spoke on Dec. 9 at the Workshop on Computing and Phonology organized by John Nerbonne.

Dr. Adam Albright, Massachusetts Institute of Technology, Boston, visited Dec. 7-9 in his capacity as reading committee member on Tamás Bíró’s dissertation. He also spoke on Dec. 9 at the Workshop on Computing and Phonology organized by John Nerbonne. His visit and Jaeger’s were financed by the Computational Linguistics group.

Gerard Doetjes, University of Hamburg, visited Groningen several times during 2006 to cooperate with Charlotte Gooskens on the development and validation of measures of similarity between Danish and Swedish resulting in a co-authored paper.

### 3.1.5 Linguistics Colloquium

In 2006, as part of the *Linguistics Colloquium* the following lectures were given. The organization was provided by Herman Heringa, Muriel Norde, Jori Mur, Rasmus Steinkrauss, Mark de Vries.

- **February 17**
  - Laurie Stowe, RuG
    - What does Broca's area do? Neuroimaging and language
- **March 3**
  - Willemijn Vermaat, University of Utrecht
    - The Logic of Variation: a cross-linguistic account of wh-question formation
- **March 17**
  - Bernd Heine, University of Cologne
    - On contact-induced word order change
March 29
  Shravan Vasishth, University of Potsdam
  Using linear mixed-effects models in (psycho)linguistic research

April 7
  Rudie Botha, University of Stellenbosch
  Learning about language evolution from ancient sea shells, modern Motherese and other
  objects of wonder

April 21
  Eric Hoekstra, RuG / Frisian Academy
  Complex onsets with S + plosive, articulatory phonetics and the choice and representation
  of phonological features

May 12
  Harald Baayen, Radboud University Nijmegen
  Spinning the yarn: Evidence for lexical competition during phonological encoding in
  speech production

May 16
  In cooperation with LANSPAN: Elena Lieven, Max Planck Institute Leipzig / University
  of Manchester
  How we can use crosslinguistic research to understand language acquisition?

June 9
  Hans Broekhuis, University of Tilburg
  Predicate movement in English and Dutch

October 6
  Michael Clyne, University of Melbourne
  Variation in forms of address in some languages of Europe

October 20
  Jan-Wouter Zwart, RuG
  Foundations of dependency in universal grammar

November 3
  Kersti Börjars, University of Manchester
  Periphrasis, historical change and syntactic theory

November 17
  David Ahn, University of Amsterdam
  Cascaded classification for restricted semantic interpretation

November 24
  Dieuwke de Goede, University of Groningen
  Verbs in Spoken Sentence Processing: Unraveling the Priming Pattern of the Main Verb

December 1
  Mélanie Jouitteau, University of Nantes
  The EPP is a Principle and VSO languages do not exist

December 15
  Oele Koornwinder
  Automatic thesaurus construction: a bilingual case-story

3.2 CLCG-Publications

The many publications of CLCG members in 2006 may be found on the institute’s website
http://www.rug.nl/let/onderzoek/onderzoekinstituten/clcg/index “Reports,” in the digital
appendix to this report.
In 2006 six new volumes in the series of Groningen dissertations in linguistics (Grodil) appeared:


### 3.3 PhD Training Program

The CLCG PhD training program has required all graduate students to submit a twenty-five-page document after approximately ten month, since 1999. This document serves as the basis of an evaluation as to whether the project should continue. In general the twenty-five pages are expected to define the problem under investigation, review relevant work, and present a research plan for the remainder of the project. Crucial experiments should be designed and crucial prior work replicated. PhD students were evaluated under this regime again in 2006.

Seven new PhD projects began in 2006. The PhD students, together with the source of funding for their project, their dissertation project and supervisors, are listed in part III.

The graduate students remain positive about the rule described at the beginning of this section. The graduate students agree that this should improve the success of their studies and their preparation for careers in linguistics.

In Table 3 PhD students are listed together with their project over a period of ten years.
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Table 3. PhD projects 1997-2006. D=defense; S=stopped; Projects in progress are marked light-grey. Begin and end dates of project financing are shown.

### 3.3.1 Graduate students

The graduate students had two information exchange meetings with the director on 13 April and 12 October 2006.

In both meetings the main issue was a university policy change regarding a new bursary system for Dutch PhD students resulting in the announcement that from this year on all PhD students will have the student status, except in funded projects. This is a disadvantage in terms of loss of employees’ rights, but it is an advantage that more positions will be available for graduate students.

*Jantien Donkers, Eric-Jan Smits and Lonneke van der Plas* introduced the ‘Promovendi Discussion Platform (PDP)’ as a result of discussions in previous PhD meetings about the need for ongoing project meetings. The goal is to discuss problems in research, brainstorming, presentation of interesting material, practicing talks for congresses, interaction, collaboration, and post drafts of papers. The organizers have set up a website [http://www.ejsmits.nl/pdp/] to stimulate the interaction. Two informal meetings were organized.
3.4 Postdocs

The following postdocs were active in 2006: Heeringa, Mineur (researcher), Tiedemann, Villada-Moiron, Zinger (Computational Linguistics); Bienfait, Hollebrandse, Ghonem-Woets (LANSPAN); Koster, (Neurolinguistics); de Vries, Hoeks (Syntax & Semantics)
Part Two
4 Research Groups

4.1 Syntax and Semantics

This research group studies the syntactic structure of the human language capacity and the way it is embedded in our general cognitive capacity. The 1999-2003 research program is motivated, among other things, by the so-called logical problem of language acquisition and the evidence comes from comparative and typological research of synchronic and diachronic variation among natural languages.

Staff members:
Reineke Bok-Bennema, Ger de Haan, Petra Hendriks, Jack Hoeksema, Brigitte Kampers-Manhe, Jan Koster (coordinator), Alice ter Meulen, Arie Molendijk, Jan-Wouter Zwart, Frans Zwarts

Graduate students and postdocs
Janneke ter Beek, Gerlof Bouma, Herman Heringa, Marlies Kluck, Liefke Reitsma, Mark de Vries (postdoc), Radek Simik

Research results

Bok-Bennema continued her research on the position of Spanish verbal complexes and their relation with aspectual adverbs, investigating the hypothesis that such adverbs optionally behave as ‘restructuring’ verbs. She presented a version of this work at the annual CGC-conference in Madrid and wrote a paper on the topic. She also compiled a corpus of redundantly used modals in Dutch and made a start with an analysis of the data.

Hendriks continued her work with John Hoeks within the NWO/Aspasia project “Optimization in Coordination”. Within the NWO/Cognition project “Conflicts in Interpretation”, she finished the first version of a book manuscript about bidirectional optimization in interpretation, in collaboration with several others. With Jennifer Spenader, she published work on the production and interpretation of pronouns in Language Acquisition. Related to this line of research, she obtained a VICI grant from NWO for her project Asymmetries in Grammar.

Hoeksema spent the academic year 2005-2006 at Swarthmore College as a visiting professor and organized a workshop on negation and polarity while there. He worked on negative and positive polarity items, on the swarm-alternation, and the diachrony of focus scrambling. This work was presented at colloquia at various universities. With Donna Jo Napoli at Swarthmore College, he worked on two English constructions involving taboo words.

Kampers-Manhe worked with F. Drijkoningen (U Utrecht) on the relation between the position of the subject and its interpretation, which resulted in an article submitted to Probus. Furthermore, continuing her participation in the elaboration of an exhaustive grammar of French (CNRS project), she concluded her section of a chapter on adverbs.

Koster further developed his cartographic approach to syntax by addressing the redundancy problem between syntax and lexical information (“valence”), a problem arising when Merge is used as a sentence generator. The research in question led to reconsidering the idea that syntax is projected from the lexicon as in older X-bar theories. This work resulted in an article in a collection of studies published by John Benjamins.
Ter Meulen’s research on aspectual adverbs is developing in the direction of dialogue and multi-agent communication, where public and private information is represented differently. She continues to serve on the NWO General Board, and she is President of the European Society of Philosophy and Psychology (ESPP), and board member of the KNAW committee on cognitive science. For 2007-08 the NIAS awarded her a fellowship to complete the book Reasoning in Time.

De Vries’s VIDI project started its research on the fundamental differences between hypotactical and paratactic construal, extending the empirical domain of his previous inquiry from coordination to parentheses and appositions. Several papers were published or submitted.

Zwart continued his research on typology and the structural foundation of morphosyntactic dependency, carrying out investigations in various domains, including binding, tense and agreement marking, adjective placement, and coordination. This research gave rise to further investigation of the properties of phrase structure, addressing the cartography vs. flexible syntax issue, and to a new theory of syntactic recursion. Results were published in the form of articles. Zwart obtained an NWO-grant for Programmatic Research titled Dependency in Universal Grammar.

Publications

Dr. R. Bok-Bennema

Prof. dr. G.J. de Haan

Dr. P. Hendriks
Hendriks, P, When production precedes comprehension: An optimization approach to the acquisition of pronouns, Language Acquisition, 13, nr. 4, 2006, pp. 319-348


Dr. J.C.J. Hoeks


Prof. dr. J. Hoeksema
Hoeksema, J, De ontwikkelingsgang van het partikel best, TABU, Bulletin voor Taalwetenschap, 35, nr. 1/2, 2006, pp. 59-78

Dr. B.A.A. Kampers-Manhe

Prof. dr. J. Koster

Prof. dr. A.G.B. ter Meulen

Drs. E. Smits
Dr. M. de Vries
Vries, M. de, Possessive Relatives and (Heavy) Pied Piping, Journal of Germanic Linguistics, nr. 9, 2006, pp. 1-52
Vries, M. de, Reported Direct Speech in Dutch, Linguistics in the Netherlands, nr. 23, 2006, pp. 212-223

Dr. C.J.W. Zwart

Prof. dr. F. Zwarts
Leeuwen, T van, Been, P H, Kuijpers, C, Zwarts, F, Maassen, B, Mismatch response is absent in 2-month-old-infants at risk for dyslexia, NeuroReport, 4, nr. 17, 2006, pp. 351-355

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Prof. dr. J. Hoeksema
Hoeksema, J, Parasitair gat zonder scrambling, TABU, Bulletin voor Taalwetenschap, 35, nr. 1/2, 2006, pp. 79-80
Hoeksema, J, Boekbespreking van H. Schultink (red), Constant en variabel in de morfologie. Historiografische studies, TABU, Bulletin voor Taalwetenschap, 35, nr. 1/2, 2006, pp. 81-86

Lectures
Drs. Janneke ter Beek
Janneke ter Beek. The third construction as movement to object position. Germanic Syntax Seminar, University of Connecticut, Storrs, CT, USA. 30th January 2006. [invited]
Janneke ter Beek. NPIs and A-movement out of infinitival complements. The first Language at the University of Essex Postgraduate Conference, University of Essex, Colchester, UK. 30th June 2006.
Janneke ter Beek. On infinitival complementation in Dutch. Syntax in Autumn 2006, University of Tilburg, Tilburg. 20th October 2006. [invited]
Dr. Reineke Bok-Bennema

Drs. Gerlof J. Bouma
Gerlof Bouma, Holger Hopp. Effects of word order and grammatical function on pronoun resolution in German. ESSLLI Workshop Ambiguity in Anaphora, Universiteit of Malaga, Malaga. 9th August 2006.
Gerlof Bouma. Freezing of topicalization in Dutch. NWO Pionier Colloquium, Radboud Universiteit, Nijmegen. 17th May 2006. [invited]

Dr. Petra Hendriks
Petra Hendriks. Asymmetries in language acquisition: An OT account of the Pronoun Interpretation Delay. Linguistics Seminar, University of Göttingen, Göttingen, Germany. 10th January 2006. [invited]
John Hoeks, Petra Hendriks. Processing incomplete conjuncts. NWO/DFG workshop on Optimal Sentence Processing, Radboud University Nijmegen, Nijmegen. 29th June 2006. [invited]
Petra Hendriks. A formal model of pronoun production and comprehension. Workshop Formal Models for Real People, University of Amsterdam, Amsterdam. 18th September 2006. [invited]
H. Heringa, MA

**Prof. dr. J. Hoeksema**
Jack Hoeksema. Dutch Focus Scrambling and the Constant Rate Hypothesis. **Colloquium**, New York University, New York, NY. 27th January 2006. [invited]
Jack Hoeksema. Dutch Focus Scrambling and the Constant Rate Hypothesis. **Linguistics Speaker Series**, University of Pennsylvania, Philadelphia. 26th January 2006. [invited]
Jack Hoeksema. Dutch Focus Scrambling and the Constant Rate Hypothesis. **Colloquium**, Yale University, New Haven. 24th February 2006. [invited]
Jack Hoeksema. Lexical domains that keep on growing. **Colloquium**, Carleton College, Northfield, Minnesota. 11th May 2006. [invited]

**Dr. Brigitte A.A. Kampers-Manhe**

**Prof. dr. Alice G.B. ter Meulen**
Alice ter Meulen. Aspectual adverbs in context. **European Society for Philosophy and Psychology**, Queen's University, Belfast, Ireland. 26th July 2006.
Note: Website http://www.psych.qub.ac.uk/eurospp2006/.

**Drs. L. Reitsma**

**Mgr. Radek Šimík**

**Drs. Erik-Jan Smits**
Erik-Jan Smits, Tom Roeper, Bart Hollebrandse. Domain restriction in child language or the existence of Westerstahl children. **First Language Acquisition workshop at**
the Scandinavian Conference on Linguistics, University of Aalborg, Aalborg, Denmark. 20th June 2006.
Erik-Jan Smits. The interaction of many, focus and quantifier domain restriction in child language. *Nijmegen Semantics Colloquium*, Radboud University, Nijmegen. 28th November 2006. [invited]

**Dr. Mark de Vries**
Mark de Vries. Parentheses are invisible (but not absent). *Taalkunde in Nederland (TIN)-day*, University of Utrecht, Utrecht. 4th February 2006.

**Dr. C. Jan-Wouter Zwart**
C. J. W. Zwart. Uncharted territory? Towards a non-cartographic account of Germanic syntax. *21st Comparative Germanic Syntax Workshop*, University of California at Santa Cruz, Santa Cruz, California, United States. 2nd April 2006. [invited]

**Other Research Activities 2006**

**Dr. Reineke Bok-Bennema**
- Member of Core Group Going Romance, Utrecht.

**Drs. Gerlof J. Bouma**
- Co-editor of *Cognitive Foundations of Interpretation*, KNAW, Amsterdam.
Prof. dr. G.J. de Haan
- Member of advisory board Bureau Groninger Taal en Cultuur, Groningen.
- Member of the board of Us Wurk, Department of Frisian, Groningen.
- Member of the board of TABU, Dutch Department, University of Groningen, Groningen.
- Member of the board of GRAMMA/TTT.

Dr. Petra Hendriks
- Editor of Tabu. Bulletin voor Taalwetenschap, University of Groningen, Groningen.
- Member editorial board of Kennislink Taalwetenschap, Stichting Nationaal Centrum voor Wetenschap en Technologie, www.kennislink.nl.

Prof. dr. J. Hoeksema
- Member of Begeleidingscommissie Geintegreerde Taalbank (INL), Leiden.
- Member of Nederlandse Taalkunde, Van Gorcum, Assen.
- Editor of Tabu, Dutch Department, University of Groningen, Groningen.
- Member of the international board of Revue de Semantique et Pragmatique, Université d'Orleans, Orleans.
- Member of the Reading Committee of Albert Oosterhof's PhD Thesis. Universiteit Gent, Nederlandse Taalkunde, 10th November 2006.

Prof. dr. J. Koster
- Editor of Studies in Generative Grammar, Mouton De Gruyter, Berlin.
- Member of the editorial board of The Linguistic Review, Mouton De Gruyter, Berlin.
- Member of the editorial board of Syncom, Blackwell, Oxford.
- Member of the editorial board of TABU, University of Groningen, Groningen.
- Member of the advisory committee of A Modern Grammar of Dutch, Blackwell, Oxford.
- Promotor of Maartje Schreuder, University of Groningen, 15th June 2006.
- Member of the Reading Committee of Anna Sevcenko's PhD Thesis. Utrecht University, Faculteit der Letteren, 4th December 2006.
- Member of the Reading Committee of Tamas Birro's PhD Thesis. 7th December 2006.

Prof. dr. Alice G.B. ter Meulen
- Member section language and literature of Royal Netherlands Academy of Arts and Sciences (KNAW), Amsterdam.
- Member of the board of knaw committee on cognitive sciences of Royal Netherlands Academy of Arts and Sciences (KNAW), Amsterdam.
- Member general board (ab) of Netherlands Organization for Scientific Research (NWO), the Hague. Note: 0.4 fte appointment contracted to nwo.
- President (elected august 2006 for 3 year term) of European Society for Philosophy and Psychology (ESPP), Edinburgh, UK.
- Member of Koninklijke Hollandsche Maatschappij der Wetenschappen, Haarlem.
- Member scientific advisory board of UiL-OTS, Utrecht.
- Member advisory board of Frans-Nederlands Netwerk voor onderwijs en onderzoek, Utrecht. Note: Website fnn http://www.ufn-fnu.org/.
• Member of the Reading Committee of Marie Chagnoux’s PhD Thesis. Sorbonne, Université Paris IV, Faculté des Lettres, 23rd November 2006.

Dr. Mark de Vries
• Member of the Reading Committee of Martin Salzmann’s PhD Thesis. Leiden University, Faculty of Arts, 19th October 2006.

Dr. C. Jan-Wouter Zwart
4.2 Discourse and Communication

This group combines research in pragmatic discourse analysis with the study of communication in institutional settings, i.e., in and around organizations, in the media, and on the Internet. The research focuses on the use of language and non-verbal semiotic systems in specific, esp. institutional and intercultural, communicative contexts, including face-to-face interactions, telephone conversations, written, visual, and audio-visual communication. Interactions are considered as situated, culture- and context-sensitive joint actions of the participants. Media are analyzed in terms of their specific functionalities such as semiotic capacities, interactivity, and permanency. Cultural factors studied include institutional roles, ethnic, geographical, and socio-economic background, as well as gender.

Staff members
Marcel Bax, Jeanine Deen, Markus Egg (coordinator), Titus Ensink, John Hoeks, Harrie Mazeland, Gisela Redeker, Christoph Sauer

Graduate students
Georgios Korfiatis (together with computational linguistics)

Associated members
Anke van Haastrecht, Henrike Padmos

Research results

Interactive Discourse
Bax investigated the generic background of ancient and mediaeval rhetorical text and discourse types that advanced the uses, in (early) modern society, of rational argument as the principal means of settling conflicts. He published a paper on pre-modern ritual as proto-argumentative discourse. Two forthcoming papers investigate logical fallacies in amatory discourses in early modern poetry and drama and the pivotal role of meta-linguistic awareness in the secular process from ritual to rational discourse.

Mazeland wrote a handbook article on the conversation-analytic perspective on the social organization of sense-making practices in talk in interaction. In a single-authored and a co-authored paper, he describes the meaning of the Dutch quotative van, which is quite similar to English \textit{like + quotation}. Padmos and Mazeland co-authored a paper on the use of identity for the description of expressions such as \textit{a citizen} in public debates.

Mediated communication
Ensink wrote a paper on the rhetorical style of Ayaan Hirsi Ali, and one on the application of frame analysis to media messages in a detailed microanalysis of a documentary television program. He continued his project on the assessment of quotations in the courtroom, focussing on the inherent ambiguity implied in reported speech.

Sauer continued investigations of the multimodal quality of a corpus of televised Christmas and New Year’s messages by European heads of state, with a focus on the relationship between verbal discourse and media features (paper forthcoming in 2007). He wrote two papers on the concept of ‘visualisation’ in written text environments on a functional-pragmatic and semiotic basis. He also started working on press photography and cartoons as part of multimodal communication and media theory.
Redeker and Egg continued their project on the partial modelling of discourse representation. This work is documented in three joint papers, one of which presents a proposal for the treatment of speech and thought attribution in a variant of Rhetorical Structure Theory. An NWO grant proposal on coherence and cohesion in the modelling of discourse (principal investigator: Egg) with two PhD positions was successful. In his ongoing research thread on the syntax-semantics interface, Egg wrote four articles (two published, two accepted).

Hoeks conducted an ERP-study into the effects of violating pragmatic rules (e.g., Grice's Maxim of Quantity) in written mini-dialogues. He observed very early effects, which indicates that the use of pragmatic information is not delayed or peripheral, but immediate and crucial for on-line processing. Extending his earlier studies on the use of ellipsis in spoken dialogues, he conducted two experiments in which an additional cross-modal task probed for on-line processing difficulty. The results showed that a suitable pragmatic context could eliminate all processing difficulty, again attesting the importance of pragmatic factors in on-line language processing. Hoeks published five papers on these topics (one as co-author).

Communication and Culture

Redeker published the final results of her continued project on gender and power in televised political interviews, which investigate feedback and interruptions in panel interviews. Vroom (MA student in Communication Studies) and Redeker investigated ideological language use in the 2002 parliamentary debate on 'norms and values'. The three main ideological streams in the Dutch parliament showed expected and unexpected differences in lexical and rhetorical preferences.

Other News

On 9 February, Neslihan Kansu-Yetkiner defended her dissertation *Blood, Shame and Fear: Self-Presentation strategies in Turkish Women’s Talk about their Health and Sexuality*. Redeker organised an international symposium on *Language and Identity* exploring identity construction in and through discourse.

Publications

**Dr. M.M.H. Bax**

Bax, M M H, 'Soe wees wien hovede...'. Ritueel verbaal geweld en historische pragmatiek, Groniek, Historisch Tijdschrift, 39, nr. 4, 2006, pp. 487-501

**Dr. J.Y. Deen**


**Dr. Markus Egg**


**Dr. E.F.A.J. Ensink**


**Drs. J.M.P. van Haastrecht**

Haastrecht, J M P van, "Son las trampas de la fe o soy la peor de todas". Octavio Paz y María Luisa Bemberg sobre Sor Juana Inés de la Cruz, In: Hermans, H L M (red), México en movimiento: Cine y literatura. Actas del décimo Encuentro de Mexicanistas en Holanda organizado en Groningen los 4 y 5 de noviembre de 2004, Centro de Estudios Mexicanos, Groningen, 2006, pp. 65-85

**Dr. J.C.J. Hoeks**


**Dr. H.J. Mazeland**


**Drs. H. Padmos**


**Prof. dr. G. Redeker**


Redeker, G, Gendered interaction strategies in televised panel interviews, In: Koole, T, Nortier, J., Tahitu, B. (red), Sociolinguistische Conferentie, Eburon, Delft, 2006, pp. 405-416

Redeker, G, Discourse markers as attentional cues at discourse transitions, In: Fischer, K. (red), Approaches to Discourse Particles. Studies in Pragmatics, 1, Elsevier, Amsterdam


Dr. C.I.A. Sauer
Sauer, C L A, Wissensverhaeltnisse, Rhetorik und Multimodalitaet, In: Brauch, S., Kohn, K. (red), Sprache(n) in der Wissensgesellschaft, Lang, Frankfurt am Main, 2006, pp. 263-277

Drs. N.Yetkiner

Other Publications

Dr. J.Y. Deen

Dr. E.F.A.J. Ensink
Ensink, E F A J, Onretorische retoriek. Kanttekeningen bij Ayaan Hirsi Ali's communicatieve stijl, Tekst[blad], 12, nr. 4, 2006, pp. 11-16

Lectures

Dr. M.M.H. Bax
Marcel Bax. Talking of Ritual: Meta-discourse, Meta-representation, and Codes of Conduct. Metarepresentation and (self-)conciousness; Emergence of higher levels of self-organization in biological and semiotic systems, Universität Bremen, Bremen. 28th September 2006. [invited]

Dr. J.Y. Deen

Dr. Markus Egg
M. Egg. Zur Annotation von Diskursstruktur. --, Universität Münster, Münster. 3rd May 2006. [invited]
M. Egg. Support verb constructions. SALSA-Workshop, Universität Saarbrücken, Saarbrücken. 26th June 2006. [invited]


M. Egg. (Semi-)Automatische Analyse von Diskursstrukturen. --, Universität Dortmund, Dortmund. 24th October 2006. [invited]

M. Egg. The Constraint Language for Lambda Structures. --, Institut für Informatik, Universität Zürich, Zürich. 21st December 2006. [invited]

Drs. Anke van Haastrecht


Dr. John C.J. Hoeks

Petra Hendriks, John Hoeks. Processing incomplete conjunctions: Mind the gap. NWO/DFG workshop on Optimal Sentence Processing, Radboud University, Nijmegen. 29th June 2006. [invited]


Dr. Harrie J. Mazeland


Prof. dr. G. Redeker
Gisela Redeker. Gendered interaction strategies in televised panel interviews. 5de Sociolinguïstische Conferentie, Congreshotel De Werelt, Lunteren. 29th March 2006.

Dr. Christoph Sauer
Christoph Sauer. Visualität und Leseaufgabenunterstützung. Congress Interaktive Verfahren der Wissensgenerierung in institutionellen Kontexten., Zentrum für Interdisziplinäre Forschung, Universität Bielefeld, Bielefeld. 20th November 2006. [invited]
Christoph Sauer. Multimodale kerst- en nieuwjaarstoespraken op tv. Discourse and Communication Group, University of Groningen, Groningen. 12th December 2006. [invited]

Other Research Activities

Dr. M.M.H. Bax
• Member of Journal of Historical Pragmatics, John Benjamins, Amsterdam.

Dr. J.Y. Deen
• Member of The Geert Hofstede lecture committee, Studium Generale, Groningen.

Dr. Markus Egg
• Member of Programme committee HCT-NAACL 2006, New York.
• Member of Programme committee HCT-NAACL 2007, Rochester.
• Member of Programme committee "Constraints in Discourse" 2006, Dublin.
• Member of Programme committee "Sinn und Bedeutung"
• Member of Journal of Semantics, Oxford University Press, Oxford.

Dr. Titus Ensink
• Reviewer of Pragmatics and Beyond, John Benjamins Publishers, Amsterdam & Philadelphia.

Dr. Harrie J. Mazeland
• Member of Tijdschrift voor Taalbeheersing, Van Gorcum, Assen.
• Member of the Reading Committee of Joyce de Jong's PhD Thesis. Universiteit Utrecht, Faculteit der Letteren, 10th February 2006.

Prof. dr. G. Redeker
• Chair of Anéla/AVT Jury for the Best Linguistics Dissertation Award 2006, Utrecht.
• Proposal reviewer of NWO, The Hague.
- Member of the editorial board of *Linguistik Online*, Faculty of Cultural Studies of the Europa-Universität Viadrina in Frankfurt (Oder), http://www.linguistik-online.com.
- Member of the editorial board of *Poetics: Journal of Empirical Research on Literature, the Media and the Arts*, Elsevier, Amsterdam.
- Member of the editorial board of *Tijdschrift voor Communicatiewetenschap*, Boom, Deventer.
- Member of the editorial board of *Voortgang: Jaarboek voor Neerlandistiek*, Nodus, Amsterdam/ Münster.
- Promotor of Neslihan Kansu-Yetkiner, University of Groningen, 9th February 2006.
- Participant in promotion of Maartje Schreuder, University of Groningen, 15th June 2006.
4.3 Language Variation and Change

The focus of this research group is on synchronic and diachronic variation in a great variety of languages and dialects, primarily Indo-European and Finno-Ugric. These issues are addressed using the “bottom-up approach”, i.e. starting with the collection and analysis of a solid body of data and examining its implications for theoretical claims. Members of this group thus contribute to a better understanding of both the language families they specialize in and to a number of theoretical issues concerning synchronic variation, diachronic variation and language change.

Staff members
Agnes de Bie-Kerékjartó, Hélène Brijnen, Bram ten Cate, Maria Czibere, Cornelius Hasselblatt, Tette Hofstra, Peter Houtzagers, Bob de Jonge, Geart van der Meer, Hermann Niebaum, Muriel Norde (coord.), Siemon Reker, Nanne Streekstra, Gerry Wakker.

Associated members
Stéphanie Bakker, Hanja Toby.

Research results

Increasingly this research group concentrates on language contact, using data from a wide variety of languages, particularly Germanic, Romance, Slavic and Finno-Ugric. A special focus are contact-induced change, including dialect contact and Sprachbund phenomena.

Hofstra continued work on Vol. III (P-Ö) of the *Lexicon of the earliest Germanic loanwords in Balto-Finnic languages* (in cooperation with Sirkka-Liisa Hahmo, University of Greifswald).

Houtzagers has been studying the linguistic geography of the Burgenland Croatian dialects and hopes that he will be able to shed some light on the question of the pre- or postmigrational nature of the innovations shared by those dialects.

Hasselblatt has started work on a research survey of situations of language contact involving at least one Uralic language, which aims to evaluate all previous work on Uralic contacts. He was also Zweitgutachter of a Hamburg dissertation on neologisms in Mari, and organizer of the Groningen symposium *Language and Identity in the Finno-Ugric World*.

Brijnen continued her research on contact relations between Sorbian and German, as well as the contact relations between Upper and Lower Sorbian and their dialects. A paper on the impact of German on Sorbian lexicon and syntax is currently under review.

De Jonge has contacted colleagues in Argentina to collaborate on research on Spanish and Italian and is preparing an NWO-proposal for the next three years with the University of Buenos Aires from September 2007 onwards.

Czibere’s comparative sociolinguistic research concerns language and identity, education and language politics in various countries and cultures. It compares the personal evaluation of students’ knowledge of their language usage with their evaluation of the usage of others. The study is based on a questionnaire held among students from Groningen, Budapest and Mainz. Three papers are currently in press.
Other members of this group focus on language-internal variation in specific languages or families, thus aiming at a better understanding of specific language families and theoretical issues concerning synchronic variation, diachronic variation and language change.

Wakker continued her research on the expression of future in Ancient Greek (both from a semantic and a pragmatic point of view) and on the so-called potentialis of the past tense in Ancient Greek. This category is assumed in reference grammars but Wakker aims to demonstrate that it is superfluous. Four papers on these two subjects have been published, and another one is in print. She has furthermore collaborated on Kosmos, an entirely new method to learn Ancient Greek.

Bakker finished her PhD research on word order in the noun phrase in Ancient Greek, which she will defend in the spring of 2007. In September 2006, she organized a workshop in which word order in the NP was studied from various perspectives and in various languages. She also wrote a paper about the order of multiple adjectives in the Greek NP, which has been accepted for publication.

Ten Cate continued his research on the verbal categories of tense, mood and aspect in German, focusing on the contribution of tense to the internal structure of texts. He is furthermore preparing some user-friendly editions of his German Grammar for special user groups and participated in a project for constructing exercise materials for training purposes.

Niebaum has continued his work in (historical) dialectology. In 2006 a second, revised and enlarged edition of his Einführung in die Dialektologie des Deutschen (in cooperation with Jürgen Macha, University of Münster) appeared. He also published two papers on linguistic aspects of Low Saxon, one on the language of Menno Simons, the founder of Mennonite branch of the Reformation, the other on the language of Groningen chronicles from the 16th century.

In his Corpus-gebaseerde dialectology. Ongoing changes in drie Groninger tijdschriften uit de 20ste eeuw (Corpus-based dialectology. Ongoing changes in three 20th century Groningen periodicals) Reker has presented a detailed impression of relatively recent changes in the Groningen dialect, based on the written corpus found in three literary periodicals, covering the period 1912-2002. This extensive source has brought to life a great many details relating to the Groningen dialect in the past century.

Streekstra continued to investigate 17th century Dutch, focusing on the noun morphology in relation to grammatical gender.

Van der Meer continued his research on the theory and practice of English learner's dictionaries, resulting in two publications on monolingual dictionary entries.

De Bie continued to examine idiomatic expressions in Hungarian from a cognitive-semantic perspective. She analysed constructions with metaphorical extensions to demonstrate that those constructions have semantic and/or syntactic properties that cannot be predicted on the basis of the lexical items that fill the construction.

Other news
Norde continued her work on her degrammaticalization monograph, in which she aims to present a typology based on all known cases of degrammaticalization, and to examine their implications for unidirectionality claims. The book is expected to appear in 2008 or early 2009. She has also published two extensive papers on degrammaticalization case studies (the
Swedish s-genitive and the Dutch tig (numeral and intensifier). She furthermore started a new line of research into the diachrony of epistemic adverbs and pseudo-subordination.

From September 28-30 a major international conference, Language Contact in Times of Globalization, was held at the University of Groningen. It was organized by Hasselblatt, De Jonge and Norde, who have also started the editorial work on the proceedings of this conference

Publications

Dr. Agnes de Bie-Kerekjarto
Bie-Kerékjártó, A M de, A jelentés szerkezete, Mikes International, VI, nr. 2, 2006, pp. 41-50

Dr. Abraham P. ten Cate

Prof. dr. Tette Hofstra

Dr. Bob de Jonge

Dr. G. van der Meer

Prof. dr. Hermann W.H. Niebaum
Niebaum, H W H, Macha, J , Einführung in die Dialektologie des Deutschen. 2., neubearbeitete Auflage, Max Niemeyer Verlag, Tübingen, 2006, XVIII, pp.256

Dr. M. Norde
Norde, M. Van Suffix tot telwoord tot bijwoord: degrammaticalisering en (re)grammaticalisering van tig, TABU, Bulletin voor Taalwetenschap, 35, nr. 1/2, 2006, pp. 33-60

Dr. Siemon Reker

Dr. Gerry C. Wakker

Other publications

Prof. dr. Tette Hofstra

Prof. dr. Hermann W.H. Niebaum
Niebaum, H W H, Boekbespreking van Horst Haider Munske (red.), Deutsch im Kontakt mit germanischen Sprachen, Jahrbuch des Vereins für niederdeutsche Sprachforschung, 129, 2006, pp. 185-190

Dr. Siemon Reker
Reker, S J H, Slapsma-Tiessens in de 18e eeuw. Gronings in de gerechtelijke archieven van het Oldambt, Stad en Lande, 14, nr. 4, 2006, pp. 2-5
Reker, S J H, Voorwoord ...zoveel langer als mogelijk is.... In: Aalders, A. (red), Dorpshistorie, mijn liefste studie. Biografie van Jacob Tilbusscher K.J.zn. 1876-1958, Profiel, Bedum, 2006, pp. 5-6
Dr. Gerry C. Wakker

Lectures

Drs. Stephanie J. Bakker
Stephanie Bakker. Adjective order in Herodotus; a pragmatic explanation. Annual Meeting of the American Philological Association, University of Montreal, Montreal. 6th January 2006.
Stephanie Bakker. Allemaal lidwoorden?! De functie van de herhaling van het lidwoord voor modificieerders in Griekse NPs. Workshop woordvolgorde in de noun phrase, University of Groningen, Groningen. 22nd September 2006.

Dr. Agnes de Bie-Kerekjarto
Agnes de Bie - Kerekjarto. A holland - magyar interkulturalis kommunikacio sajatossagai The specific characteristics of Dutch-Hungarian intercultural communication. Culture, nation and identity, University of Debrecen, Debrecen. 22nd August 2006. [invited]

Dr. Helene B. Brijnen
Helene Brijnen. The Impact of German on Sorbian Lexicon and Syntax. Language Contact in Times of Globalisation, University of Groningen, Groningen. 28th September 2006.

Dr. Abraham P. ten Cate
Cate, A. P. ten. Temporale Struktur in Texten. 41. Linguistisches Kolloquium, Universität Mannheim, Mannheim. 6th September 2006. [invited]

Dr. Mária Czibere
Mária Czibere. How important a factor is language to the forming of identity? symposium, Rijksuniversiteit Groningen, Groningen. 18th May 2006. [invited]
Mária Czibere. Az EU és a nyelvek (saját, ill. idegen nyelvi ítéletek). Congress, Eötvös Loránd University, Bük, Hungary. 9th October 2006. [invited]

Prof. dr. Tette Hofstra
Tette Hofstra. Middeleeuwse en nog oudere plaatsnamen in Germaanstalig Noordwest-Europa. Meeting of the Eno Group(mediaevalists), Rijksuniversiteit Groningen, Groningen. 29th November 2006. [invited]

Dr. Peter Houtzagers

Dr. Bob de Jonge
Dr. G. van der Meer

Prof. dr. Hermann W.H. Niebaum

Dr. M. Norde
Norde M. The grammaticalization of adverbs: two case studies. Colloque Perspectives Contrastives et Phénomènes de Grammaticalisation, University of Fribourg, Fribourg. 3rd October 2006. [invited]

Dr. Siemon Reker
Siemon Reker. Talige routes door het lisodde-oerwoud. Van opaciteit en pseudo-synonymie. Symposium t.g.v. het afscheid van H. Brok en presentatie PLAND, Meertens Instituut, Amsterdam. 16th February 2006. [invited]

Other Research Activities

Dr. Agnes de Bie-Kerekjarto
- Member of International Association of Hungarian Studies, Budapest.
- Member of Magyar Szemiotikai Tarsasag, Budapest.

Dr. Helene B. Brijnen
- Member of Leiden University Centre for Linguistics (LUCL), Leiden.

Dr. Abraham P. ten Cate
- Member of the series editors of Linguistik International, Peter Lang Verlag, Frankfurt/Main.
- Member of the editorial board of TABU, Afdeling Nederlands, Groningen.

Dr. Mária Czibere
- Participant in promotion of Roger Cornelis Emil Teszelszky. 29th June 2006.

Prof. dr. Cornelius Hasselblatt
- Secretary of Societas Uralo-Altaica, Göttingen.
- Editor of Finnisch-Ugrische Mitteilungen, Buske, Hamburg.
  Note: (one out of three).
- Editor of Studia Fennica Ugrica Groningana, Shaker, Maastricht.
- Editor of Veröffentlichungen der Societas Uralo-Altaica, Harrassowitz, Wiesbaden.
  Note: (one out of two).
- Editor of Mitteilungen der Societas Uralo-Altaica, no publisher, Groningen.
  Note: (one out of two).
- Co-promotor of Monika Schötschel, University of Hamburg, Department of Finno-Ugric / Uralic languages, 13th July 2006.
Prof. dr. Tette Hofstra
- Member of the Reading Committee of W.J. Hagoort's PhD Thesis. 1st June 2006.

Dr. Peter Houtzagers

Dr. Bob de Jonge
- Regional delegate of Asociación de Lingüística y Filología de América Latina (ALFAL), Santiago de Chile.

Prof. dr. Hermann W.H. Niebaum
- Member of the board of Institut für niederdeutsche Sprache, Osnabrück.
  Note: Verein für geschichtliche landeskunde.
- Supervising editor of *Jahrbuch des Vereins für niederdeutsche Sprachforschung*, Wachholtz Verlag, Neumünster.
- Editor of *Taal en Tongval*, Vakgroep Nederlandse taalkunde Universiteit Gent, Gent.
- Promotor of W.J. Hagoort, University of Groningen, 1st June 2006.

Dr. M. Norde
- Secretary of Association of Old Germanic Studies, Utrecht.
- Member of the editorial board of *Kennislink taalwetenschappen*, Ministerie van OCW, world wide web.
- Member of the Reading Committee of Gudrun Rawoens's PhD Thesis. University of Ghent, Department of Scandinavian Languages, date unknown.

Dr. Siemon Reker
- Vice-president of Stichting Nederlandse Dialecten, Nijmegen.
- Member of the editorial board of *Taal en Tongval, tijdschrift voor taalvariatie*, Gent, Amsterdam.
- Member of the Reading Committee of W.J. Hagoort's PhD Thesis. 1st June 2006.

Dr. N.F. Streekstra
- Reviewing projects of NWO, Den Haag.
- Opponent in promotion of M. Schreuder, University of Groningen, 15th June 2006.

Dr. Gerry C. Wakker
- Member of the board of *Lampas*, Verloren, Hilversum.
- Editor (together with m.a. harder, r.f. regtuit) of *Hellenistica Groningana*, Peeters, Leuven.
4.4 Computational Linguistics

The computational linguistics group focuses on language processing by computer, both from a theoretical, experimental and applied perspective. Areas of special interest are wide-coverage grammars (especially for Dutch), finite automata, machine learning of natural language, dialectometry, and corpus-based methods. As of 2005, two members of the CLCG group on phonology and phonetics have joined the computational linguistics group, following up on a suggestion by the external evaluation committee 1998-2004. As a result, phonology and phonetics is an additional research focus, in particular focusing on computational methods in those areas.

Staff members
Leonie Bosveld, Gosse Bouma, Dicky Gilbers, Charlotte Gooskens, John Nerbonne, Gertjan van Noord (coordinator)

Graduate students and postdocs
Geoffrey Andogah, Markus Bergmann, Francisco Borges, Tim Van de Cruys, Wilbert Heeringa (postdoc), Therese Leinonen, Anne-Marie Mineur (researcher), Jori Mur, Lonneke van der Plas, Jelena Prokic, Jörg Tiedemann (postdoc), Begoña Villada-Moiron (postdoc), Svitlana Zinger (postdoc).

Associated members
Ismail Fahmi.

Research Results

An important focus of the group remains the work on computational dialectology. Charlotte Gooskens initiated her NWO-Vidi project on 'semi-communication'. By means of phonetic and lexical distance measurements Charlotte Gooskens investigates how well Scandinavians understand each other's languages. Nerbonne co-chaired an ACL/COLING workshop entitled Linguistic Distances. In October 2006 a project sponsored by the German Volkswagen Foundation got underway. It aims to develop techniques to detect contact influences on Bulgarian.

In the aforementioned external evaluation, the computational linguistics group obtained the maximum score (5, 5, 5, 5). As a benefit of this result, the group qualified for an annual “Parelsubsidie”. In 2006, this enabled us to offer a Ph.D. position to Giorgios Korfiatis, who will work in close cooperation with Markus Egg (Discourse and Communication).

In June 2006, John Nerbonne organized and co-chaired a successful workshop in semantics, entitled 'Theory and Evidence in Semantics; Symposium in honor of David Dowty'.

Bouma and his group continued their research in the context of the NWO IMIX Programme. The “Joost” Question Answering system for Dutch was developed further. The system once again took part in the European CLEF evaluation platform. For the second year in a row, it obtained the best result for Dutch monolingual Question Answering.

STEVIN is a long-term research programme for Dutch language and speech technology, financed by both the Flemish and Dutch government. The programme is coordinated by the Nederlandse Taalunie. Three proposals with participation from the CLCG group on computational linguistics were awarded in the first round of STEVIN, and these projects are well underway. In STEVIN IRME, van Noord, Bouma and Begona Villada (postdoc)
continue their work on the identification and classification of fixed expressions, in a cooperation with Odijk (Utrecht) and Van Dale Lexicography. In STEVIN COREA, Annemarie Mineur works with Bouma on automatic pronoun resolution (in a cooperation with Daelemans, Antwerpen). In STEVIN D-Coi, the Groningen group (van Noord) works on the syntactic annotation of a large corpus of written Dutch (with Leuven). Material developed in Groningen in the context of D-Coi was used as the training and testing material for the Dutch part of the CONLL shared task on dependency parsing - an important international event in the area of natural language learning.

In the second round of STEVIN funding, a fourth project called LASSY which extends the work on syntactic annotation has now been been officially awarded to van Noord (as main contractor in a collaboration with KU Leuven). The project started at the end of 2006. For this project, CLCG is looking for a post-doc for three years, who will work on applications of very large linguistic treebanks.

In cooperation with the Artificial Intelligence department, dr Sveta Zinger continues her research as a post-doc in the NWO project "CATCH" on the retrieval of historical hand-written documents.

The relevance of the research of the Groningen CL group is also reflected in the participation of the members of the group in various important (inter)national organisations, journals, conferences and workshop (cf. the personal reports). Van Noord is chair of the EACL (European chapter of the ACL).

Important events
In 2006, three Ph.D. theses were defended successfully in this area. The first by Maartje Schreuder is technically not part of the computational linguistics group, but it should be noted that Dicky Gilbers did much of the supervision. Tamas Biro illustrates the potential for computational modeling in phonology in a Ph.D. study on the application of simulated annealing algorithms for problems in OT-style phonology. On the occasion of his promotion, a successful workshop “Computing and Phonology” was organised in Groningen. Hidetoshi Shiraishi completed his study on the phonology of Nivkh (a language of Northeast Asia).

Publications

Drs. T. Biro

Dr. G. Bouma
Bouma, G, Fahmi, I., Mur, J., Plas, L. van der, Tiedemann, J. The University of Groningen at QA@CLEF 2006: Using Syntactic Knowledge for QA, Working Notes, CLEF, Alicante, Spain, 2006
Drs. Ismail Fahmi


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Dr. Dicky G. Gilbers


Dr. Charlotte S. Gooskens

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Dr. Wilbert Heeringa

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Drs. Jori Mur
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Prof. dr. ir. John Nerbonne
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Dr. Gertjan van Noord

Drs. Lonneke van der Plas
Bouma, G, Fahmi, I., Mur, J., Plas, L. van der, Tiedemann, J. The University of Groningen at QA@CLEF 2006: Using Syntactic Knowledge for QA, Working Notes, CLEF, Alicante, Spain, 2006

Drs. Hidetoshi Shiraishi

Dr. Jörg Tiedemann
Bouma, G, Fahmi, I., Mur, J., Plas, L. van der, Tiedemann, J. The University of Groningen at QA@CLEF 2006: Using Syntactic Knowledge for QA, Working Notes, CLEF, Alicante, Spain, 2006

Dr. Begoña Villada Moiron

Other publications

Dr. Gosse Bouma
Bouma, G, COREA:Coreference Resolution for Extracting Answers, DIXIT, 4, nr. 2, 2006, 26
Bouma, G, Plas, L. van der, Mur, J., Tiedemann, J. Taalkundige hulpmiddelen voor Text Mining: Joost mag het weten, DIXIT, 4, nr. 1, 2006, pp. 4-6

Dr. Charlotte Gooskens

Drs. Jori Mur
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Prof. Dr. John Nerbonne

Drs. Lonneke van der Plas
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Dr. Jörg Tiedemann
Bouma, G, Plas, L. van der, Mur, J., Tiedemann, J. Taalkundige hulpmiddelen voor Text Mining: Joost mag het weten, DIXIT, 4, nr. 1, 2006, pp. 4-6

Dr. Sveta Zinger

Lectures

Dr. Leonie M. Bosveld-de Smet

Dr. Gosse Bouma
G. Bouma. Coreferentie en Informatie Extractie. TST themadag, TST centrale, Rotterdam. 30th November 2006. [invited]

Ismail Fahmi, MA
Ismail Fahmi, Gosse Bouma. Learning to Identify Definitions using Syntactic Features. European Chapter of the Association for Computational Linguistics, EACL, Italy. 3rd April 2006.

Dr. Dicky G. Gilbers

Dr. Charlotte S. Gooskens

Charlotte Gooskens. Lingvistiske faktorer og betydning for forståelsen af nært beslagte sprog ('The importance of linguistic factors for the intelligibility of closely related languages'). Internordisk sprogforståelse symposium ('Internordic intelligibility symposium'), Nordisk sprogråd ('Nordic language council'), Copenhagen. 9th February 2006. [invited]


Charlotte Gooskens. De taalkaart van Scandinavië. Ouderdag, University of Groningen, Groningen. 2nd June 2006. [invited]


Therese Leinonen, MA

Drs. J. Moberg

Drs. Jori Mur
J. Mur. Increasing the coverage of answer extraction by applying anaphora resolution. TABU Dag, University of Groningen, Groningen. 2nd June 2006.
J. Mur. Increasing the coverage of answer extraction by applying anaphora resolution. Fifth Slovenian and First International Language Technologies Conference, Jozef Stefan Institute, Ljubljana. 9th October 2006.

Prof. dr. ir. John Nerbonne
J. Nerbonne, Th. Leinonen. Operationalizing the Notion 'Similar in Pronunciation'. European Science Foundation Workshop on Corpora in Phonological Research, Meertens Institute, Amsterdam. 15th June 2006. [invited]
J. Nerbonne. Detecting Syntactic Contamination. *Colloquium*, The Ohio State University, Columbus. 6th November 2006. [invited]


**Dr. Gertjan van Noord**


Gertjan van Noord. Improving knowledge-based parsing with corpus-based methods. *Israeli Seminar in Computational Linguistics (ISCOL)*, University of Haifa, Haifa. 29th June 2006. [invited]


**Drs. M.L.E. (Lonneke) van der Plas**


**Dr. Jörg Tiedemann**


Dr. Begoña Villada Moiron


Other Research Activities

Dr. G. Bouma
- Reviewer of CLIN 05. Amsterdam, 16th December 2005.
- Co-promotor of Tamas Biro. 7th December 2006.

Dr. Dicky G. Gilbers
- Editor of *Rejected Papers: feestbundel voor Ron van Zonneveld.*, Gilbers & Hendriks, Groningen.
- Co-promotor of Maartje Schreuder. 15th June 2006.
- Co-promotor of Tamas Biro. 7th December 2006.

Dr. ing. W.J. Heeringa
- Member of De Nederlandse Vereniging voor Fonetische Wetenschappen, Amsterdam.

Prof. dr. ir. John Nerbonne
- Member of Royal Netherlands Academy of Science (KNAW), Amsterdam.
- Member of Wissenschaftlicher Beirat (Scientific Advisory Board), Institut für Deutsche Sprache, Mannheim.
- Member, board of trustees of Biblionet, Groningen.
  Note: Biblionet is a public foundation charged with providing library and information services to the province of groningen.
- Member, board of trustees of European Foundation for Language, Logic and Information, Amsterdam.
- Member, board of oversight of Taal- en Spraaktechnologiestichting (TST), The Hague.
  Note: TST promotes speech and language technology for the dutch language, for example, the creation and maintenance of corpora.
- Director of Center for Language and Cognition, Groningen, Groningen.
- Member, evaluation panel of Deutsche Forschungsgemeinschaft Sonderforschungsbereich 441: Linguistic Data Structures, Tübingen.
- Member, evaluation panel of Deutsche Forschungsgemeinschaft Sonderforschungsbereich 632: Information Structure, Potsdam.
- Member, evaluation panel of Deutsche Forschungsgemeinschaft Sonderforschungsbereich 732: Incremental Specification in Context, Stuttgart.
- Member of editorial board of *Natural Language Processing*, John Benjamins, KAmsterdam.
- Promotor of Hideotoshi Shiraishi, University of Groningen, 14th September 2006.
- Promotor of Tamás Bíró, University of Groningen, 7th December 2006.

**Dr. Gertjan van Noord**
- Member of NWO Programmacommissie Interactive Multimedia Information Extraction (IMIX), Den Haag.
- Chair of European Chapter of the Association of The Association for Computational Linguistics (EACL), New York.

**Drs. M.L.E. (Lonneke) van der Plas**

**Dr. Begoña Villada Moiron**

**Dr. Svitlana Zinger**
4.5 Neurolinguistics

The Neurolinguistics research group is concerned with the organization of language in the brain, through the study of aphasia, developmental disorders and normal language acquisition, as well as through experimental approaches to language processing. The focus is on comprehension and production of various aspects of verbs (in impaired language acquisition and in aphasia), phonological processing (in aphasia and dyslexia), sentence processing (in non-brain-damaged and aphasic speakers) and ambiguity resolution (in normal speakers and schizophrenic patients). Our policy is to use a wide range of methods (offline tasks, spontaneous-speech analysis, Event Related Potentials, functional Magnetic Resonance Imaging, cross-modal lexical priming, reaction times etc.) in order to understand and describe human language processing through a number of specific populations of subjects and close collaboration between the subgroups.

Staff members
Roelien Bastiaanse (coordinator), Gerard Bol, Roel Jonkers, Laurie Stowe

Graduate students and postdocs
Nynke van den Bergh (researcher), Katrien Colman, Jantien Donkers, Dieuwke de Goede, Elzerieke Hilbrandie, Holger Hopp, Julia Klitsch, Charlotte Koster (postdoc), Eleonora Rossi, Maria Trofimova, Femke Wester, Tuba Yarbay Duman, Monika Zempleni

Associated members
Pieter Been, Evelien Krikhaar, Claartje Slofstra-Bremer

Research results
Two projects have been finished in 2006. The first is *The role of the verb in Dutch in online sentence processing*. The postdoc of this project, Dr. Dirk-Bart den Ouden, accepted a position at Northwestern University (Evanston, U.S.A.) and Drs. Dieuwke de Goede finished her PhD-thesis and presently works for the National research Council (NWO). The main results of this project were that:

- Production of main sentences with the finite verb in second position activates more areas in the brain than production of (less frequent) embedded sentences where the verb is in its base position;
- During sentence processing the verb shows an activation pattern that is different from that of Nps: the meaning of the verb is active during the entire clause, whereas the meaning of the noun quickly decays and is only reactivated when there is a gap for this NP in the sentence.

The second project that ended in 2006 was on ambiguity resolution in healthy people and people with schizophrenia. Monica Zempleni, MD finished her PhD thesis and accepted a postdoc position in Zurich. The main findings of this project were that schizophrenics do not resolve ambiguity as healthy people do.

The project on crosslinguistic research in aphasiology continued and comprises three main research areas: production of clitics in Italian agrammatic speakers (Eleonora Rossi), production of sentences in canonical and non-canonical order in Turkish agrammatic speakers (Tuba Yarbay Duman) and production of case assigned by prepositions in Russian agrammatic speakers and speakers with Wernicke’s aphasia.

The project on auditory processing in aphasia and language impaired children (in collaboration with the Radboud University and the University Utrecht and funded by NWO) finished in 2006, but Julia Klitsch will work another year on her subproject. In 2006, she
started an experiment on the McGurk effect in healthy and aphasic subjects.

For the project on language functioning in Parkinson’s Disease (PD; funded by the International Parkinson Foundation), all offline data have been collected in a large group of PD-patients and matched healthy controls. Also, the design for the fMRI study that will be conducted in 2007 has been set up. The PhD student, in this project, Katrien Colman, visited the lab of Murray Grossman at UPenn, U.S.A.

In the field of developmental language disorders research in four projects have been completed. The results of three of these projects are ready to be published in (international) journals.

Tim Bosselaar researched under supervision of Gerard Bol the use of functional categories (FC's: verb inflections, determiners and complementizers) in the spontaneous language of typically developing children. It is known from the English literature that one of the main problems in the language production of children with Specific Language Impairment (SLI) is the use of these FC's. Before anything can be said about the production of these categories by children with SLI, one has to have insight in the production of FC's by typically developing children. Those data was absent for Dutch and in this research this gap is filled. The language of the typically developing children is coming from the CHILDES database.

Gerard Bol also carried out research together with Marian ter Harmsel to determine a preliminary standardization for the values of Mean Length of Utterance (MLU). The spontaneous language samples of 87 typically developing Dutch children are researched to determine the development of MLU, both in morphemes and in words (MLUm and MLUw). MLU's were calculated in 50 and in 100 utterances. The research concerned both the extent to which MLU differentiates between children with SLI and children developing typically.

Sophie de Grauwe, under supervision of Gerard Bol, carried out research into children with SLI and normally developing children using various measures of morphosyntactic complexity and lexical diversity. In this study, two measures of morphosyntactic ability (MLUm and MLUw) and two measures of lexical diversity (TTR and D, an alternative for TTR) were compared on the basis of a comparison between children with SLI and normally developing children.

Under supervision of Gerard Bol and Roelien Bastiaanse, research was carried out by Wilma Steenbeek to see whether a Dutch test designed for people with aphasia to determine problems with verbs and sentences (WEZT) is suitable for testing older children with SLI (8 to 14 years). The results indicate that typically developing Dutch children have no problems with the test items at all, where the children with SLI show a test score on many items that reflects their language problems.

The group of Laurie Stowe continued its work on language processing in non-brain-damaged subjects. The main findings were:

- that normal comprehenders make use of a bilaterally distributed network including the inferior frontal and middle/inferior temporal gyri when comprehending both lexical ambiguities and idioms which need to be resolved to either an idiomatic or literal meaning
- that sentences containing idioms, despite a comprehender's impression that these are automatically accessed, cause consistently more activation in this network and
- that patients with schizophrenia, even those who appear to be able to comprehend these sentences, show relatively diminished activation in the left lateralized network for language comprehension.
Publications

Prof. dr. Y.R.M. Bastiaanse
Bastiaanse, Y R M, Zonneveld, R M van, Comprehension of passives in Broca's aphasia, Brain and Language, nr. 96, 2006, pp. 135-142
Bastiaanse, Y R M, Prins, R S, Multidisciplinaire afasie teams: Noodzaak of luxe?, In: Robert, E., Mariën, P. (red), Afasie (z)onder woorden: Diagnostische en therapeutische ontwikkelingen, Garant, Antwerpen/Apeldoorn, 2006, pp. 103-113
Jonkers, R, Bastiaanse, Y R M, The influence in instrumentality and name-relation to a noun on verb comprehension in Dutch aphasic speakers, Aphasiology, 20, nr. 1, 2006, pp. 3-16
Links, P, Hurkmans, J., Bastiaanse, Y R M, Taaltherapie bij afasiepatiënten: Effectiviteit van het therapieprogramma Werkwoordproductie op Woord- en Zinsniveau (WWZ), Logopedie en Foniatrie, nr. 7/8, 2006, pp. 228-238

Dr. P.H. Been
Leeuwen, T van, Been, P H, Kuijpers, C, Zwartz, F, Maassen, B, Mismatch response is absent in 2-month-old-infants at risk for dyslexia, NeuroReport, 4, nr. 17, 2006, pp. 351-355

Dr. Roel Jonkers
Jonkers, R, Bastiaanse, Y R M, The influence in instrumentality and name-relation to a noun on verb comprehension in Dutch aphasic speakers, Aphasiology, 20, nr. 1, 2006, pp. 3-16

Dr. Laurie A. Stowe

Drs. Monika Zempleni

Other publications

Prof. dr. Y.R.M. Bastiaanse
Peters, H, Bastiaanse, Y R M, Borsel, J van, Dejonckere, P H O, Jansonius-Schultheiss, K, Meulen, Sj van der, Mondelaers, B J E (red), Handboek Stem-, Spraak- taalpathologie, Bohn Stafleu Van Loghum, Houten, 2006

Drs. Nynke van den Bergh

Dr. Roel Jonkers

Lectures

Prof. dr. Roelien Bastiaanse
Roelien Bastiaanse. Tense and Agreement in Dutch Agrammatic Speakers. 3rd annual left periphery in aphasia meeting, Venice, Italy. 31st March 2006. [invited]
Roelien Bastiaanse. Daar zijn geen woorden voor; De oorzaken en gevolgen van afasie. Het gat in het brein: Geneeskunst en genezende kunst, Hoytemastichting, Enschede. 24th April 2006. [invited]

Drs. Katrien Colman
Katrien Colman, Janneke Koerts, Marije van Beilen, Roelien Bastiaanse, Klaus Leenders. The role of cognitive mechanisms in sentence comprehension in Dutch speaking Parkinson's Disease patients: preliminary data. 5th International Congress on Mental Dysfunction In Parkinson’s Disease, University Medical Center Amsterdam, Amsterdam. 14th June 2006.
Katrien Colman, Janneke Koerts, Marije van Beilen, Klaus Leenders, Roelien Bastiaanse. The role of cognitive mechanisms in sentence comprehension in Dutch speaking Parkinson's Disease patients: preliminary data. Psycholinguistics in Flanders, University of Ghent, Gent. 27th June 2006.
Katrien Colman, Janneke Koerts, Marije van Beilen, Klaus Leenders, Roelien Bastiaanse. The role of cognitive mechanisms in sentence comprehension in Dutch speaking Parkinson's Disease patients: preliminary data. 44th Annual Meeting of the Academy of Aphasia, Academy of Aphasia, Victoria, British Columbia, Canada. 16th October 2006.
Drs. Jantien Donkers

Dr. Roel Jonkers

Drs. Julia U. Klitsch
Julia Klitsch. Phonological impairments and the McGurk effect in aphasic speakers of Dutch. *SAN (Stichting Afasie Nederland)-Jongerendag*, University of Groningen, Groningen. 18th April 2006. [invited]

Dr. Charlotte Koster-Kromhout

Drs. Eleonora Rossi
Eleonora Rossi, Roelien Bastiaanse. Don't give an affirmative order. A negative one is easier! *Academy of Aphasia*, Victoria, BC, Canada. 16th October 2006.

Dr. Laurie A. Stowe
Laurie A. Stowe. Language Acquisition and the Brain. *Multilingualism and Public Policy*, University of Brussels, Brussels, Belgium. 5th November 2006. [invited]


Laurie A. Stowe. What does Broca's do? *CLCG colloquia series*, University of Groningen, Groningen, The Netherlands. 17th February 2006. [invited]


**Drs. M.A. Trofimova**


Maria Trofimova. Case-assignment by prepositions in two aphasic speakers. *Afasie-jongerendag*, University of Groningen, Groningen. 19th April 2006. [invited]

Maria Trofimova. Relation between case and prepositions in aphasia. *Guest-lecture for European Master in Clinical Linguistics*, University of Groningen, Groningen. 6th March 2006. [invited]

Maria Trofimova. What happens to case in aphasia. *Guest-lecture for third-year neurolinguistic students*, University of Groningen, Groningen. 21st September 2006. [invited]

**Drs. Tuba Yarbay Duman**


**Other Research Activities**

**Prof. dr. Roelien Bastiaanse**

- Board member of Stichting Afasie Nederland, Arnhem.
- Member of the board of governors of Academy of Aphasia, USA.
- Member of Mental Lexicon, Montreal; Canada.
- Member of Multilingual Multidisciplinary Studies on Brain and Language (MMSBL) (ESF network 115), Potsdam.
- Member of the scientific committee of Science of Aphasia VII, Alghero.
- Member of the editorial board of *Brain and Language*, onbekend, onbekend.
- Book reviews editor of *Aphasiology*, onbekend, onbekend.
- Member of the editorial board of *Journal of Multilingual Communication Disorders*, onbekend, onbekend.
- Member of the editorial board of *Mental Lexicon*, onbekend, onbekend.
- Member of the editorial board of *Neurolinguistik*, onbekend, onbekend.
- Promotor of Monika Zempleni. University of Groningen, Faculty of Arts, 22nd June 2006.

Dr. Gerard W. Bol
- Member of gebied ontwikkelingspsychologie, member of gebied geesteswetenschappen. of Netherlands Organisation for Scientific Research (NWO), Den Haag.
- Reviewer of Language Acquisition, Lawrence Erlbaum Associates, Inc, NY, USA.

Dr. Roel Jonkers
- Member of the board of Stem-, Spraak- en Taalpathologie, Nijmegen University Press, Nijmegen.

Dr. Laurie A. Stowe
- Co-promotor of Monika Z. Zempleni, University of Groningen, Algemene Taalwetenschap, 22nd May 2006.
- Participant in promotion of Marieke van Herten, Radboud University, Nijmegen Institute for Cognition and Information, 7th September 2006.
4.6 Language and Literacy Development Across the Life Span

The research group Language and Literacy Development across the Life Span (in short: LANSPAN) focuses on empirical research into the development of language and literacy across the life span. The group’s research deals with development in both first and second or foreign languages and addresses various aspects of knowledge and use of language and literacy. Development is studied across the lifetime, in various contexts (home, school) and with a focus on individual and situational variables that affect learning. The research group has a very active program of lectures –the LANSPAN colloquia- that is organized by Marjolein Deunk. LANSPAN welcomed Tal Caspi (PhD student) as new member.

Staff members
Jan Berenst, Kees de Bot, Pieter Breuker, Kees de Glopper (coordinator), Hilde Hacquebord, Bart Hollebrandse (postdoc), Angeliek van Hout, Erik Kwakernaak, Wander Lowie, Marjolijn Verspoor.

Graduate Students and postdocs
Nanette Bienfait (postdoc), Tal Caspi, Marjolein Deunk, Karen Ghonem-Woets (postdoc), Bart Hollebrandse (postdoc) Jacqueline van Kruiningen, Aletta Kwant, Rasmus Steinkrauss, Xiaoyan Xu.

Associated members

Research results
In 2006 the research group has made progress in several areas. Our description of research activities and outcomes focuses on the main streams of research in the program.

Language development in L1
Research on first language development takes different theoretical perspectives (optimality theory and usage based grammar) and uses different types of data on child language (both experimental elicitations and dense observational data from natural settings).

Bart Hollebrandse, whose project is embedded in the EU NEST/STREP project CHLaSC, a collaboration between Humboldt University, University of Manchester, University of St Andrews and University of Potsdam, studied the influence of linguistic embedding and the development of a Theory of Mind: the only linguistic option to express a thought of someone else is embedding (John thinks that it is raining). The study includes normal developing children, sign-language speakers and the Amazonian Pirahãs. Angeliek van Hout finds that Dutch and Polish children acquire the semantics of perfective aspect before imperfective aspect. An explanation from bi-directional Optimality Theory claims that children do not integrate speaker and hearer knowledge. For his dissertation on the L1 acquisition of questions, Rasmus Steinkrauss did theoretical work and conducted an intensive case study of a child’s utterances. The results of this study were presented in the LANSPAN-colloquium.
Development of language use in preschool and kindergarten
Research on the development of language use in preschool and kindergarten studies how different situations or participation frames contribute to language development. The focus is on the communicative interaction that takes place in situations where young children are engaged in play, work or book reading and on the learning opportunities and learning effects these situations provide.

Marjolein Deunk continued to collect, organize and process the data on activities and interactions in preschool. This year, the analyses of her data focused on early pretend play interactions. In the PICO project (Picture Books and Concept Development) Aletta Kwant performed a Delphi-procedure that delivered a set of criteria for the selection of picture books that can be used in an intervention study that aims to stimulate the social and emotional development of children in kindergarten. In the same project, Karen Ghonem-Woets selected picture books for the design and intervention studies and studied the literature on genre, text and picture characteristics that contribute to learning from picture books. The research of Jan Berenst this year focussed on metacommunicative talk in conversational work of young children in peer interaction in school settings, and on caretaker/child interaction in read aloud settings at home and at school.

Second language learning, bilingualism and dynamic systems theory
Research on second language learning, bilingualism and dynamic systems theory aims to describe and explain processes of second or foreign language learning in various settings (school and non-school). Dynamic systems theory is used to account for language development as a process of self-organization under highly constrained inputs. Intra-individual variability is used as an indicator of developmental transitions.

Kees de Bot continued his work with Marjolijn Verspoor and Wander Lowie on the application of Dynamic Systems Theory in the study of Second Language Development. He organized a symposium on this sponsored by the journal Language Learning at a conference in Montreal in June 2006. With Margie Berns and Uwe Hasenbrink he published a book In the presence of English, Media and European Youth. Marjolijn Verspoor worked on a longitudinal case study of a second language learner and analyzed L2 development and variability from a dynamic systems perspective. She further works on the influence of L1 concepts on the acquisition of concepts in L2. Wander Lowie has continued his work on a dynamic systems approach to second language development and finished several papers in this area in collaboration with Kees de Bot, Marjolijn Verspoor and Marijn van Dijk. Erik Kwakernaak continued his research into developmental sequences in the acquisition of case markers. Tal Caspi designed a method for assessing academic vocabulary, and piloted it cross-sectionally and longitudinally. She investigated writing and lexical development by using this method and performed an extensive corpus analysis of nonnative academic EFL writing.

The development of bilingual education in the Netherlands
In recent years there has been a tremendous growth in the number of schools offering different types of bilingual education. Research in these schools focuses on the development of proficiency in the target language and the mother tongue. In addition there are projects on quality assessment in these schools and teacher qualifications.

Kees de Bot continued his work on the evaluation of early foreign language teaching in primary education.
Language, literacy and learning
Research on language, literacy and learning studies how reading, writing and oral communication contribute to learning in primary, secondary and higher education. The focus is on processes of communication and knowledge construction and on the way reading, writing and talking are learned and/or used by learners and teachers.

Jacqueline van Kruiningen continued her dissertation study into university teachers’ perceptions of and attitudes towards the teaching of academic writing. She completed two literature reviews and one article. Further, she started an extensive casestudy which focuses on social interaction and the development of professional, didactical knowledge of university teachers in one particular consultation. Nanette Bienfait continued her study into the development of teachers’ interactional behaviour and cognitions on classroom interaction. She developed and started to use a system for coding classroom interactions. With Berend Stellingwerf, Jan Berenst and Kees de Glopper she started the analysis of teachers’ concept maps and timulated recall interviews. Hilde Hacquebord continued her work on the testing of reading comprehension and on the development of computerized, diagnostic language testing procedures for use in and by schools, together with Sible Andringa and Roelien Linthorst. Kees de Glopper continued his research on knowledge and speed factors in L1, L2 and EFL and reading and writing. In a research article with Erik van Schooten he summed up work on the development of literary reading. Pieter Breuker continued his research into the teaching of Frisian in Dutch schools.

Language development and aging
Research on language development and aging studies how aging individuals perform on second language learning tasks and how aging affects processes of language loss. The focus is on the cognitive and neurological factors that affect the processing of language.

Xiaoyan Xu developed the instruments and procedures for her study into the attrition of English as a foreign language in university students in China and she performed the first of three successive annual rounds of data collection in China.

Publications

Prof. dr. C.L.J. de Bot
Bot, C.L.J. de, Evers, R. Descriptive findings on the presence of English, In: Berns, M., Bot, C.L.J. de, Hasenbrink, U. (red), In the presence of English, media and youth in Europe, Kluwer, New York, 2006, pp. 53-70

Prof. dr. C.M. de Glopper
Schooten, E. van, Glopper, C M de, Literary response and attitude toward reading fiction in secondary education: Trends and predictors, Educational Studies in Languages and Literature, 6, nr. 1, 2006, pp. 97-174

Dr. Bart hollebrandse
Hollebrandse, B, Visser, S, Temporal Quantification and Events in Dutch Child Language, Linguistics in the Netherlands, nr. 23, 2006, pp. 114-125

Dr. Marjolein Verspoor

Other Publications

Dr. Sible Andringa
Andringa, S, Grammaticaonderwijs en de ontwikkeling van tweedetaalvaardigheid, WAP, Amsterdam, 2006

Dr. Jan Berenst
Berenst, J, Leren zwemmen op een pianokruk. Een beschouwing over het Inspectierapport voor het technisch lezen, Nieuwsbrief Taal voor opleiders en begeleiders, 4, nr. 2, 2006, pp. 12-21

Prof. dr. C.L.J. de Bot
Berns, M., Bot, C.L.J. de, Hasenbrink, U. (red), In the presence of English, media and youth in Europe, Kluwer, New York, 2006, 161 pp

Bot, C.L.J. de, Determinants of English proficiency in adolescents in 7 European countries, Babylonia, A Journal of Language Teaching and Learning, 4, 2006, pp. 43-46


Prof. dr. C.M. de Glopper
Glopper, C M de, De schrijfontwikkeling van leerlingen volgbaar maken?, Taal Lezen Primair, nr. 20, 2006, pp. 12-13

Glopper, C M de, Herder, A., Modulen taalkunde voor de tweede fase van het voortgezet onderwijs, Expertisecentrum taal, onderwijs en communicatie, Rijksuniversiteit Groningen, Groningen, 2006

Glopper, C M de, Evidence based onderwijs?, Taal Lezen Primair, nr. 19, 2006, 3


Dr. Hilde Hacquebord
Eerde, D. van, Hacquebord, H I, Hajer, M., Pulles, M. Kijkwijzer voor taalgericht onderwijs, SLO/Platform Taalgericht Vakonderwijs, Enschede, 2006

Hacquebord, H I, Internettaaltoetspakket voor de onderbouw, Levende Talen magazine, 93, nr. 3, 2006, 39

Hacquebord, H I, Scholman, M. Diagnostiek van leesproblematiek van dyslectische en anderstalige leerlingen, (Special taal/lezen), Tijdschrift voor Orthopedagogiek, 01-04-2006, pp. 192-202

Hacquebord, H I, Diagnostische taalvaardigheidstoetsing: begin van taalbeleid, Taal Lezen Primair, nr. 20, 2006, pp. 4-6

Drs. Anke Herder

Herder, A, Taalactivierende didactiek in nieuwe geschiedenismethode, Taal Lezen Primair, nr. 19, 2006, pp. 1-3

Herder, A, Taalkundemodulen voor de tweede fase, Levende Talen magazine, 93, nr. 7, 2006, pp. 8-11


Glopper, C M de, Herder, A , Modulen taalkunde voor de tweede fase van het voortgezet onderwijs, Expertisecentrum taal, onderwijs en communicatie, Rijksuniversiteit Groningen, Groningen, 2006

Dr. Bart Hollebrandse
Everaert, M, Riemsdijk, H van, Goedemans, R, Hollebrandse, B (red), The Blackwell Companion to Syntax, Volume I-V, Blackwell Handbooks in Linguistics, (Martin Everaert and Henk van Riemsdijk (ed.), with editorial assistance from Rob Goedemans

Dr. Joanneke Prenger

Drs. Maaike Pulles
Eerde, D. van, Hacquebord, H I, Hajer, M., Pulles, M. Kijkwijzer voor taalgericht onderwijs, SLO/Platform Taalgericht Vakonderwijs, Enschede, 2006

Lectures

Dr. Jan Berenst
Jan Berenst. Hoe helpen we de kinderen van het lezen af? (How to stop children reading?). Seminar on technical reading, Organization of School Advisers, Utrecht. 12th April 2006. [invited]
Jan Berenst. Taalgebruik van ouders en kinderen en het belang voor het onderwijs (Language use of parents and children and the educational importance). Studiedag Ondernemende Ouders’, Katholiek Pedagogisch Studiecentrum (KPC) - Den Bosch, Groningen. 6th October 2006. [invited]
Jan Berenst. Aan de praat met peuters en kleuters. 15e Molukse Onderwijsdag, Landelijk Steunpunt Educatie Molukkers, Utrecht. 15th November 2006. [invited]

Prof. dr. C.L.J. de Bot
Kees de Bot. Chaos and unpredictability in language learning. NCELTR Conference, Macquarie University, Sydney, Australia. 22nd September 2006. [invited]

Drs. Marjolein I. Deunk

Prof. dr. C.M.. de Glopper

**Dr. H.I. Hacquebord**


**Dr. Bart Hollebrandse**

Bart Hollebrandse. Tense and Aspect. *First COST Workshop*, European Science Foundation COST, Brussels. 31st January 2006. [invited]
Bart Hollebrandse, Kate Hobbs, Jill de Villiers, Thomas Roeper. Second Order Things. *UConn, Umass, Smith Language Acquisition Workshop*, University of Massachusetts, Amherst, Massachusetts. 9th December 2006.

drs. Holger Hopp

Holger Hopp, Gerlof Bouma. Effects of word order and grammatical function on pronoun resolution in German. *ESSLLI Workshop Ambiguity in Anaphora*, University of Malaga, Malaga, Spain. 7th August 2006.
Holger Hopp, Gerlof Bouma. Word order vs grammatical function in German pronoun resolution. *Conference on Intersentential Pronominal Reference in Child and Adult Language*, Zentrum für Allgemeine Sprachwissenschaft, Berlin, Germany. 1st December 2006. [invited]

**Dr. Angeliek van Hout**


**Drs. Jacqueline F. van Kruiningen**


Kruiningen, J. F. van. Social interaction and teachers' professional development in teaching academic writing. 'I was challenged to think!'. *European Association for Research on Learning and Instruction, Special Interest group Writing, Writing Conference 2006 Antwerp University*, Antwerp, Belgium Location Antwerp University. 20th September 2006.

**Drs. L.P. Kwant**

Aletta Kwant. Picture books and the social and emotional development of young children (4-6- years old). *ICO course Qualitative Analysis*, University of Twente, Enschede. 9th March 2006.


Aletta Kwant. Picture books and the social and emotional development of young children (4-6 years old). *Dexus Summerschool*, University of Aalborg, Aalborg, Denmark. 14th August 2006.


**Dr. Wander M. Lowie**


Wander Lowie, Marjolijn Verspoor. Variation in L2 writing development from a DST perspective. *ACLC seminar*, University of Amsterdam, Amsterdam. 24th November 2006. [invited]

**Drs. Rasmus Steinkrauss**

Rasmus Steinkrauss. The Acquisition of WH-Pronouns in German. *BCN Poster Afternoon*, University of Groningen, Groningen. 26th January 2006. [invited]

Rasmus Steinkrauss. How do German children learn to ask questions? *BCN Retreat*, University of Groningen, Odoorn. 7th April 2006. [invited]

Rasmus Steinkrauss. L1 Acquisition of German: The emergence of questions. *LANSPAN colloquium*, University of Groningen, Groningen. 2nd November 2006. [invited]

**Dr. Marjolijn H. Verspoor**

Marjolijn Verspoor, Wander Lowie. Implications of DST for Second Language Acquisition Research. ACLC-SEMINAR, University of Amsterdam, Amsterdam. 24th November 2006. [invited]

Other Research Activities

Dr. Jan Berenst
- Member of Tijdschrift voor Taalbeheersing (Journal on Language Use), Van Gorcum, Assen.
- Editor of Taal Lezen Primair (Journal on Language and Reading in Primary Education), Uitgeverij School BV, Meppel.

Prof. dr. Kees de Bot
- Member of Tesol International Research Foundation (TIRF), Pittsburgh, USA.
- Chair of research committee department of modern languages, carnegie mellon university.
- Editor of Studies in Bilingualism, John Benjamins, Amsterdam/Philadelphia.
- Member of the Reading Committee of Steenge, J.’s PhD Thesis. 26th October 2006.
- Member of the Reading Committee of Hideyuki Taura’s PhD Thesis. Macquarie University, Sydney, Australia, Department of Linguistics, 1st July 2006.
- Member of the Reading Committee of Hermans-Nymark, L.’s PhD Thesis. Radboud Universiteit, Teacher training Department, 26th September 2006.

Dr. Pieter Breuker
- Member of the board of Us Wurk, FFYRUG, Groningen.

Prof. dr. K. de Glopper
- Member of LOT, Utrecht.
- Secretary of the board of VIOT, Amsterdam.
- Member of the editorial board of Tijdschrift voor Taalbeheersing, Van Gorcum, Assen.

Dr. H.I. Hacquebord
- Member of platform Onderwijs Nederlands van de Nederlandse taalunie, Den Haag.
- Member of werkgroep laaggeletterdheid van de Nederlandse Taalunie, Den Haag.
- Member of the editorial board of Kennisgemeenschap Taalachterstanden VO iov ministerie van OCenW, Den Haag.
- Member of the review board of Innovation in Language Learning ans Teaching., Multilingual Matters, Clevedon.
- Member of the editorial board of taalmodulenreeks Taalatelier, uitgeverij Betelgeuze.
Dr. Bart Hollebrandse
- Associate editor of The Blackwell Companion to Syntax, volume 1-5, Blackwell Publishing, Cambridge

Dr. Angeliek van Hout
- Associate editor of Language Acquisition, Lawrence Erlbaum Associates, Mahwah, NJ.

Dr. Wander M. Lowie
- Member of BCN, Groningen.
- Member of LOT, Utrecht.
- Member of ANELA, Netherlands.
- Member of the editorial board of Toegepaste Taalwetenschap in Artikelen, NA, Tilburg/Groningen.

Drs. Rasmus Steinkrauss
- Member of Deutsche Gesellschaft fuer Sprachwissenschaft (DGfS), Koeln.

Dr. Marjolijn H. Verspoor
- Treasurer of Anela, Amsterdam.
- Managing editor of Converging evidence in Language and communication research, John Benjanins Publishers, Amsterdam.
Part Three
### Syntax and Semantics

<table>
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<tr>
<th>Name</th>
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### Discourse and Communication

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**Language Variation and Change**

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**Computational Linguistics**

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**Language and Literacy Development across the Life Span**

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