



Neurolinguistics at Lund University

Division of Linguistics
Center for Languages and Literature



LUND
UNIVERSITY



Background



- Developed over the past 10 years since the Dept. of linguistics became a division of the Center for Languages and Literature, Lund U.
- Ph.D. program in neurolinguistics since Sept. 2015



Factors contributing to the development of neurolinguistics

- New research infrastructure
 - made possible brain imaging studies on language and speech processing
 - Humanities Laboratory at Center for Language and Literature
 - Lund BioImaging Center at Fac. of Medicine



Externally financed research projects

- Swedish Research Council



- 2005-2009: '**Grammar, prosody, discourse and the brain. ERP studies in speech processing**' (PI: Merle Horne)
 - <http://www.sol.lu.se/en/project/81>
- 2010-2012: '**Abstract, emotional and concrete words in the mental lexicon**' (PI: Merle Horne)
 - <http://www.sol.lu.se/en/project/80>
- 2011-2013: '**Neurophysiology of syntactic processing and timing constraints on working memory**' (PI: Mikael Roll)
 - <http://www.sol.lu.se/en/project/470>
- 2012-2016: '**Imaging tones: fMRI studies on the processing of prosody in the human brain**' (PI: Merle Horne)
 - <http://www.sol.lu.se/projekt/533>

- Knut and Alice Wallenberg Foundation



- 2015-2020: '**Tone-Grammar Interaction in the Human Brain: Mechanisms and Applications**' (PI: Mikael Roll)
 - <http://www.sol.lu.se/en/project/878>

- Marcus and Amalia Wallenberg Foundation



- 2015-2019: '**The language melody game (LMG): Learning Swedish word accents using IT and digital media**' (PI: Mikael Roll)
 - <http://www.sol.lu.se/en/project/879>

Lund University support



- Lund University, Faculty of the Humanities
 - 2011-2013: **‘Humaniora and Medicine initiative’**

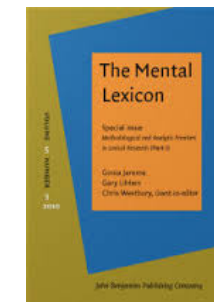
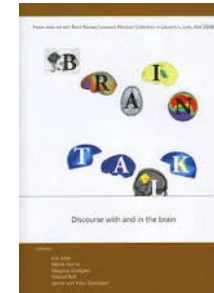
- Pufendorf Institute
 - 2013-2014: **HuMeNS* ‘Advanced study group on the neuroscience of learning’**

(*Humaniora, Medicine, Natural science, Social science)



Conferences/symposia on brain and language in Lund

- **Brain Talk (2008)**
<http://konferens.ht.lu.se/braintalk/>
- **Mental Lexicon (2009)**
<http://projekt.ht.lu.se/ace/symposium-the-mental-lexicon/>
- **Imaging of cognitive functions (2013)**
<http://projekt.ht.lu.se/humes-seminarieserie/imaging-of-cognitive-function-symposium/>
- **Microstructures of Learning (2014)**
<http://konferens.ht.lu.se/microl-2014/>



Contact

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