STAFF AND AFFILIATED CO-WORKERS
On July 1st Germund Hesslow will take over as coordinator of the environment after Peter Gärdenfors, and Birgitta Sahlén will become vice coordinator. Åsa Wengelin leaves CCL for a position at the Department of Linguistics, University of Gothenburg. Helena Andersson leaves our environment by the end of this month. (portrait of Helena by her niece, 7yrs) . Our warm thanks to Åsa and Helena, for enriching the environment during your participation!

We welcome Ingela Byström, our new administrator from September 1st. And welcome back, Dan-Anders Jirenhed who has returned to CCL from his two year postdoc at Stanford University.

Dr Maria Graziano is a new postdoc in the Humanities Lab, starting on June 1, to work with Marianne Gullberg on speech disfluencies and gesture in child and adult learners. She holds a competitive postdoc grant from Vetenskapsrådet for a one-year postdoc with Gullberg.

Dr Damon Tutunjan is a new postdoc in the Humanities Lab, starting on Sept. 1, to work with Marianne Gullberg on online sentence processing in mono- and bilinguals. Tutunjan holds a PhD in Linguistics from the University of Michigan for a dissertation on the processing of coordinated verb phrases, and the interaction between lexical-semantic and syntactic information. Damon has a two-year position to work with Gullberg.

RESEARCH FUNDING: CALL FOR PROPOSALS
On June 21st, FAS, Swedish Council for Working Life and Social Research:
Research into children's and young people's mental health in Sweden – development, interpretation models, inter-vention, prevention, treatment and innovation. Read more on http://www.fas.se/en/

The Marcus and Amalia Wallenberg Foundation: Program för projekt inom lärande och information.

RESEARCH FUNDING: APPROVED GRANTS
The project "The Meaning of Actions", lead by Christian Balkenius and Peter Gärdenfors, and including members from four faculties, was awarded 1.67 MSEK by the Pufendorf Institute in Lund. The work on the project, which is an extension of the CCL project, will take place during September 2011 - March 2012. One of the goals of the project is to develop an application for a larger project on the same theme.

June 1, 2011 The Knut & Alice Wallenberg Foundation has awarded a large grant to a four-year joint venture between Lund and Stanford Universities entitled Culture, Brain, Learning, with PIs Sven Strömqvist, Marianne Gullberg (Lund) and Craig Heller (Stanford). Four postdocs will be attached respectively to Marianne Gullberg (Humanities Lab), Mikael Johansson (Psychology), Magnus Lindgren (Psychology), and Peter Gärdenfors (Cognitive Science). An additional grant has been awarded for technical upgrading of the Humanities Lab.

MEMBERSHIPS, PARTNERSHIPS, AND COLLABORATIONS
The executive board of directors of the International Communication Association announced that Jana Holsanova has been elected the Vice Chair/Chair Elect for the Visual Communication Division 2011-2014. June 1, 2011 Marianne Gullberg (and the Humanities Lab) is now a partner in the network PIRE: Bilingualism, mind, and brain: An inter
disciplinary program in cognitive psychology, linguistics, and cognitive neuroscience, funded by NSF under J. Kroll's direction, Penn State. Participating institutions (and PIs) include Gallaudet University (Allen & Morford), Haskins Labs (Pugh), Max Planck Institute, Leipzig, Germany (Kotz), University of Granada, Spain (Bajo), Radboud University Nijmegen, the Netherlands (van Hell), U. Pompeu Fabra, Barcelona, Spain (Costa), Beijing Normal University, China (Shu), University of Hong Kong, China (Tan), and Bangor University, Wales (Deuchar).

April 2011 Marianne Gullberg was elected member of the Royal Physiographic Society in Lund, Academy of Natural Sciences, Medicine and Technology [Kungliga Fysiografiska Sällskapet i Lund, Akademi för Naturvetenskap, Medicin och Teknik].

Birgitta Sahlen was a guest lecturer at the University of Auckland during April-May, 2011 within Universitas-21. The purpose of the visit was to create possibilities for teacher and student exchanges, to teach at masters programmes to establish research collaborations. At the Department of Speech Science, Prof Susan Purdy and her group is studying Auditory Processing Disorders, APD, in children and adults. At our department in Lund, research in APD was recently initiated and will be continued in close collaboration with Purdy’s group.

OUTREACH ACTIVITIES (SPRING 2011)

Mikael Johansson participated in a program about memory and the brain in Utbildningsradion, 27 Feb 2011.

Roger Johansson provided expertise for Modern Psykologi, nr. 3, 2011, about individual differences in mental imagery experiences in the section “Du ställer frågan, vi finner svaret”.

On May 13 Peter Gärdenfors participated in a debate on ”Does research on learning have any influence on schools” at the Science Festival in Gothenburg.

On May 19 Peter Gärdenfors gave a keynote speech to 1,400 teachers on the role of motivation and understanding in education at the conference Framtidens lärande (The Future of Learning), Nacka, Stockholm.

On May 23, Victoria Johansson gave a lecture about writing strategies and ScriptLog to 12-year-olds in a school, as a result of the cooperation between the school and the CCL during the on-going intervention study on narrative development.

On June 14, Jana Holsanova presented her research on cognition and learning for teachers and school leaders in southern Sweden during “Kunskapsdagarna”.

Master theses

Two master theses with close connection to two of the projects in CCL and supervised by collaborators in CCL were presented in May 2011. One thesis is a validation of SELMA (Semantic Language Maturity measure). The other is a study of the influence of speaking speed on language comprehension in children as measured by a computerized version of the TROG-2. For more information or electronic versions of papers contact Kristina.Hansson@med.lu.se

UPCOMING CONFERENCES

5th International Conference on Memory (ICOM5), York, UK. 31 July - 5 August, 2011.

CCL PARTICIPATION IN WORKSHOPS AND CONFERENCES

Presentations (May-)

Germund Hesslow gave a talk on ”The Inner World As Simulated Interaction With The Environment” at the conference TOWARD A SCIENCE OF CONSCIOUSNESS 2011, Stockholm May 1-8, 2011.
On May 21th Roger Johansson gave an invited talk in the symposium “Spatial Representations: From Body Space to Spatial Language” at the European Conference on Cognitive Science (EuroCogSci 2011), New Bulgarian University, Sofia. The talk discussed the role of eye movements during visuospatial imagery and how these eye movements relate to individual differences in spatial imagery ability.

Jana Holsanova will give an invited talk at the symposium “Interacting with electronic and mobile media: Oculomotor and cognitive effects” at the 16th European conference on eye movements (ECEM 2011), Marseille, France. She will present a new method of aligning eye movements and cued retrospective protocols in order to uncover the functional segmentation of a problem-solving task.

Roger Johansson, Jana Holsanova, Richard Dewhurst and Kenneth Holmqvist have been accepted to give a talk entitled “Eye movements during pictorial recall have a functional role, but they are not reinstatements of those from encoding” at the 16th European Conference on Eye Movements (ECEM 2011), Marseille, France, August 21th – August 25th, 2011.

Peter Gärdenfors gave an invited lecture at the workshop "Concepts and Feature Spaces", Osnabrück, June 16-17.


Mikael Johansson will give a talk entitled "Selective semantic retrieval induces episodic forgetting: An event-related potential (ERP) approach” at the 5th International Conference on Memory (ICOM5), York, UK, July 31 - August 5, 2011.

Susanne Schötz and Johan Frid attended the Fonetik 2011 conference at KTH in Stockholm on June 8th, and gave a talk about "Age-related lip movement repetition variability in two phrase positions”.

Birgitta Sahlén gave an invited talk at the OFHEC conference at the University of Auckland in May, 2011 ‘Children with cochlear implants in conversations with hearing peers’.

Posters, abstracts

Marianne Gullberg och Amanda Brown
Thinking in Time: Cognition, Communication and Learning, Newsletter, June 2011


Roger Johansson, Jana Holsanova and Kenneth Holmqvist have a 6-pages conference paper accepted at the 33rd annual meeting of the Cognitive Science Society (CogSci 2011), Boston, Massachusetts, US, July 20th - July 23th, 2011. The paper will be presented as a poster.


The First International Conference in Cognitive Hearing Science will be in Linköping June 2011, arranged by our fellow Linnaeus environment HEAD (The Linnaeus Center for Hearing and Deafness). CCL-members contribute with the following four poster presentations:

A comparison between children and adolescents with CI and HA on picture-elicited narration. Lena Askern-Arnason, Åsa Wengelin, Birgitta Sahlén.

Lexical diversity in referential communication dialogues. A comparison between teenagers with CI and teenagers with normal hearing. Tina Ibertsson, Birgitta Sahlén, Kristina Hansson.

In pursuit of auditory correlates to linguistic percepts: Gap detection and stop consonant production in children with cochlear implants. Karolina Löwgren, Jonas Brännström, Jan Grenner, Birgitta Sahlén.

Eye tracking as a method to study non-verbal exchanges in conversation. Olof Sandgren, Richard Andersson, Kristina Hansson, Birgitta Sahlén.

Olof Sandgren will attend the IASCL-conference in Montréal, July, 2011 with the poster The role of gaze behavior in interaction between children with hearing impairment and normally hearing peers.

Organizing committees

On May 28th, Jana Holsanova organised the panel on “Reception and Understanding of Visuals. Empirical and Theoretical Approaches” and gave a talk about her research at the International Communication Association Conference in Boston.

Rasmus Bååth, Peter Gärdénfors and Sverker Sikström organized an international workshop on "Vague concepts" in Lund, May 25-26, as a part of the ESF project VAAG that is affiliated with CCL.

June 9-10, 2011 Marianne Gullberg hosts a workshop in the Humanities Lab for the Project SINERGIA: Mehrsprachigkeit und Lebensalter, funded by the Swiss Science Foundation.

June 23-24, 2011 Marianne Gullberg is co-organiser of a CLARIN-funded workshop on Multimodal annotation and multimodal corpora in Lyon, France.

March 2011 Marianne Gullberg organised a symposium at this year’s AAAL conference (American Association of Applied Linguistics) in Chicago, March 26-29, entitled Crosslinguistic and cross-cultural issues in SLA and bilingualism: Evidence from speech and gesture. Papers were presented by Gullberg, Özcakkan, Lewis, Brown & Chen, & Nicoladis et al.


PUBLICATIONS DURING SPRING 2011

In January 2011, Jana Holsanova published two book chapters: one concerned the way we focus attention during picture viewing, picture description and mental imagery, the other concerned multimodal design, the interplay between language and pictures, and the way users create meaning in printed and digital media.

The article "Semantics, conceptual spaces and the meeting of minds" by Massimo Warglien and Peter Gärdenfors has been accepted for publication in Synthese. The article argues for analysing semantics as a combination of perception, action and interaction. A mathematical model based on conceptual spaces is presented and applied to communication games and compositions of expressions.

The paper "Learning Stimulus Intervals – Adaptive Timing of Conditioned Purkinje Cell Responses" by Dan-Anders Jirenhed and Germund Hesslow has just been been made available as an advance online publication in Cerebellum. The paper demonstrates that conditioned responses in Purkinje cells are adaptively timed and puts the clock mechanism in the cerebellar cortex.

The paper "Current status of the simulation theory of cognition" by Germund Hesslos has just been accepted by Brain Research Reviews. It summarises the recent evidence for the simulation theory and extends the range of application for the theory. The paper will be published in a special issue dedicated to the neurobiology of thought.


An article about the narrative intervention project was published in Logopednytt, Nr 1, 2011: Sahlén, B., Åkerlund, V. & Johansson, V. (2011) "Berätta mer! Rapport från en fallstudie”.


Löfqvist, A. Vowel related tongue movements in speech: Straight or curved paths? Journal of the Acoustical Society of America, 129: 1149-1152. 2011. DOI: 10.1121/1.3533722 PMCID: PMC3078025. This paper examines tongue movements between the two vowels in sequences of vowel-labial consonant- vowel, addressing the question whether the movement is a straight line or a curved path.

Marianne Gullberg has seen the following publications appear during the spring:


Narasimhan, B. & Gullberg, M. (2011). The role of input frequency and semantic transparency in the acquisition of verb meaning: Evidence from...

Marianne Gullberg has the following accepted papers/volumes:


