RESEARCH WORKSHOP OF THE ISRAELI SCIENCE FOUNDATION

PROCEDURAL AND DECLARATIVE MEMORY, LANGUAGE ACQUISITION, AND COGNITIVE PROCESSES: DEVELOPMENTAL TRAJECTORIES AND IMPAIRMENTS IN MONOLINGUAL AND BILINGUAL CHILDREN

March 6-9, 2017

All lectures will take place at the Gonda (Goldschmied) Multidisciplinary Brain Research Center, building # 901, room # 101

The workshop has been organized by the Gonda Multidisciplinary Brain Research Center together with the School of Education and the Department of English Literature and Linguistics at Bar-Ilan, University with generous support from the Israel Science Foundation 2392/16.

Registration: There is no registration fee, but you must register by March 1st, 2017 at memlanworkshop@gmail.com
PROGRAM

Monday, March 6

9:30  Registration

10:00  Opening remarks

10:30  Michael Ullman (Georgetown University, Washington DC, USA)

Language, memory, and brain: Learning and memory brain systems in first and second language

11:30  Esther Adi-Japha, Carmit Altman, Joel Walters, Sharon Armon-Lotem (Bar-Ilan University)

ISF projects that led to this workshop

12:30  Poster session + light lunch

14:30  Theo Marinis (University of Reading, UK)

The contribution of declarative and procedural memory in production and comprehension tasks

15:15  Elinor Saiegh-Haddad & Ola Ghawi-Dakwar (Bar-Ilan University, IL)

Impact of diglossia on word and pseudo word repetition in Arabic in children with TLD and SLI

16:00  Coffee break

16:45  Karolina Janacsek and Dezso Nemeth (Eotvos Lorand University(ELTE), Budapest, HU)

Age-related differences in sequence learning and retention across the human life span

17:15  Elma Blom (University of Amsterdam, NL)

Language knowledge and processing in monolingual and bilingual children with and without language impairment: a developmental approach

18:00  Reception
Tuesday, March 7
Procedural memory in SLI & Reading

9:30  Agnes Lukacs (Budapest University of Technology and Economics, Hungary)
Procedural and declarative learning in specific language impairment

10:15  Judith Rispens (University of Amsterdam, NL)
Does procedural memory contribute to grammar? Insights from SLI and developmental dyslexia

11:00  Coffee break

11:30  Rachel Schiff and Ayelet Sasson (Bar-Ilan University, IL)
Artificial grammar learning among individuals with developmental dyslexia

12:00  Mona Julius (Bar-Ilan University, IL)
Children’s ability to learn a motor skill is related to handwriting and reading proficiency

12:30  Meni Yeari (Bar-Ilan University, IL)
Online inferential and textual processing by poor comprehenders

13:00  Panel discussion

13:30  Half-day trip - with sandwiches for the way

Wednesday, March 8
Procedural memory

9:30  Eli Vakil (Bar-Ilan University, IL)
Declarative versus procedural memory: the distinction between task and process

10:00  Avi Karni (Haifa University, IL)
Beyond yes and no: memory is conditional

10:30  Sara Ferman (Tel-Aviv University)
Learning conditions and tasks matter

11:00  Panel discussion

11:15  Coffee break
Social factors affecting learning

11:45  Dezso Nemeth (Eotvos Lorand University (ELTE), Budapest, HU) Social procedural learning: How the presence of others affects learning?

12:30  Ewa Haman (University of Warsaw, PL) Cognitive and social factors effecting dual language learning

13:15  lunch

Executive processes, Bilingualism & SLI

14:30  Klara Marton (City University of New York- Graduate Center, USA) Executive processes in monolingual and bilingual children with and without language impairment

15:15  Anat Prior (University of Haifa, IL) Executive processes in bilingual and monolingual children

15:45  Sharon Armon-Lotem (Bar-Ilan University, IL) Executive processes in bilingual & monolingual children – impact of SLI and SES

16:15  Coffee break

Language processing and learning in Adults

16:45  Antonella Sorace (The University of Edinburgh, UK) Trade-offs in cognitive control and effects on language processing by late adult bilinguals

17:30  Tali Bitan (University of Haifa, IL) The effect of sleep on learning a second language in children and adults

18:00  Tamar Degani (University of Haifa, IL) Cross-language influences in learning and processing

18:30  Round table - open to grad students

20:00  Dinner
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Presentation Title</th>
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<tr>
<td>9:30</td>
<td><strong>Mark Leikin</strong> (University of Haifa, IL)</td>
<td><strong>IQ, Language and Creative Abilities of Preschoolers with Specific Language Impairment</strong></td>
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<td>10:00</td>
<td><strong>Navah Sanhedrai, Nira Mashal &amp; Yeshayahu Shen</strong> (Bar-Ilan University, IL)</td>
<td><strong>The Influence of the Ontological Hierarchy on Hybrid Perception by Children with Typical Development and by Children with Language Impairment</strong></td>
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<td>10:30</td>
<td><strong>Naama Friedmann &amp; Avia Gvion</strong> (Tel-Aviv University, IL)</td>
<td><strong>Syntactic and phonological working memory impairments: dissociations and associations</strong></td>
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<td><strong>Panel discussion</strong></td>
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<td>11:45</td>
<td><strong>Jarrad Lum</strong> (Deakin University, Victoria, AU)</td>
<td><strong>Non-invasive brain stimulation modulates procedural learning: Implications for developmental disorders</strong></td>
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<td>12:30</td>
<td><strong>Carmit Altman &amp; Esther Adi-Japha</strong> (Bar-Ilan University)</td>
<td><strong>Procedural learning in children with SLI and in bilingualism</strong></td>
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<td>13:15</td>
<td><strong>Concluding remarks</strong></td>
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<td>13:30</td>
<td><strong>Working meeting</strong></td>
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