

Curriculum Vitae

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Leyla Roksan Çağlar
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Education

Ph.D. Student, Psychology Department

Rutgers, The State University, Newark, New Jersey, 2015 - Present

- Advisor: Dr. Stephen Jose Hanson
- Affiliations: Rutgers Mind Brain Analysis Group; Rutgers Brain Imaging Center (RUBIC)

Master of Arts (M.A.) (Hons.), Linguistics

Utrecht University, Utrecht, the Netherlands, 2001-2002

- Research Master, 'Linguistics: the Study of the Language Faculty'
- 'Traumatized Broca's Area: A Linguistic Analysis of Speech in Posttraumatic Stress Disorder'; supervised by Prof. Dr. Sergey Avrutin, Utrecht Institute of Linguistics OTS, Utrecht University
- Area of concentration: Language Acquisition, Psycholinguistics, Neurolinguistics

Bachelor of Arts (Hons.), Major in Social Sciences, Minor in Humanities

University College Utrecht, Utrecht, the Netherlands, 2007-2010

- BA Thesis: 'Language Transfer, Dominance and the Use of Evidentiality Markers: A Proposal to Research German-Turkish Bilingual Children, the Use of Evidentiality and Crosslinguistic Influence'; supervised by Prof. Dr. Sergey Avrutin, Utrecht Institute of Linguistics OTS, Utrecht University
- Areas in Social Sciences: Sociology, Anthropology, Psychology
- Areas in Humanities: Linguistics

Scholarships and Awards

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- Women of MathPsych (WoMP) Travel and Networking Award 2016 for the Professional Development Symposium and Meeting of the Society for Mathematical Psychology, New Brunswick, NJ, August 4th-7th, 2016
 - Helmsley Fellowship: Genetics & Neurobiology of Language Course at Cold Spring Harbor Laboratory, 2016
 - Rutgers University: Daniel S. Lehrman Fellowship, 2015 - 2016
 - Travel Scholarship: RefNet Summer School on 'Psychological and Computational Models of Language Production', August 23rd – 30th, and the RefNet Workshop on Psychological and Computational Models of Reference Comprehension and Production, August 31st, Edinburgh, United Kingdom
 - Selection to the Dan Sperber PLM 1st Master Class on 'Communication, Culture and Cognition', December 10th-11th 2012, Institut Jean Nicod, Paris, France
 - Selected for the student-designed and student-lead interdisciplinary Sirius honors course 'Sirius Program for Excellence in Education' funded by the Dutch government on Historical Romance Linguistics

Publications & Presentations

Peer-reviewed Publications

Caglar L.R., & Hanson, S.J. (*in preparation*) Attentional bias in human category learning: The case of Deep Learning.

Hanson, S.J., **Caglar L.R.**, & Hanson, C. (*in preparation*) Thorstone, the Law of Effect and the dynamics of Deep Learning.

Tamm, A., **Caglar L.R.**, Aksu-Koc A., Csibra G. (*in preparation*) Generic grammar makes Turkish preschoolers generalize statements and tolerate exceptions.

Rhodes, M., Bonawitz, E.B., Shafto, P., Chen, A. & **Caglar, L.** (2015) Controlling the message: Preschoolers' use of evidence to teach and deceive others. *Frontiers*

Durkin, K., **Caglar, L.**, Bonawitz, E., & Shafto, P. (2015) Explaining Choice Behavior: The intentional selection assumption. *Proceedings of the Thirty-seventh Cognitive Science Society*.

Caglar, L. R. (2011). "Romanization or no Romanization, that is the Question – In Search for Socio-Linguistic Identity". *Synergies Turquie*. 4. 131-138.

Conference Presentations and Posters

Caglar, L.R., Hanson, S.J. "Deep Learning and Attentional Bias in Human Category Learning" Conference Poster. 15th Neural Computation and Psychology Workshop on Contemporary Neural Networks. Philadelphia, PA, USA. 8-10 August, 2016.

Caglar, L.R., Hanson, S.J. "Deep Learning and Attentional Bias in Human Category Learning" Conference Poster. 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA, USA. 10-13 August, 2016.

Caglar, L.R., Hanson, S.J. "Deep Learning and Attentional Bias in Human Category Learning" Conference Poster. 49th Annual Meeting of the Society for Mathematical Psychology. New Brunswick, NJ, USA. 4-7 August, 2016.

Aksu-Koc, A., **Caglar, L.R.**, Tamm A., Csibra G. "Do Turkish indirect evidential sentences provide information but thwart generalization?" Workshop Presentation. Empirical Evidence for Evidentiality. Radboud University, Nijmegen, the Netherlands. 9-10 January, 2014.

Tamm, A., **Caglar L.R.**, Aksu-Koc A., Csibra G. "Generic grammar makes Turkish preschoolers generalize statements and tolerate exceptions" Poster. Budapest CEU Conference on Cognitive Development (BCCCD14) Budapest, Hungary. 10-12.01.2013.

Caglar, L.R. "Language Transfer, Dominance and the Use of Evidentiality Markers." Poster. Budapest CEU Conference on Cognitive Development (BCCCD13) Budapest, Hungary. 10-12.01.2013.

Caglar, L.R., Jellinek, S., Tamm, A. "Vonzásban és vonzáson túl - néhány gondolat az evidencialitásról" [In and out of argument structure: some thoughts on evidentiality]. Vonzásban és változásban [Argument structure and language change] workshop. Pécs, Dec 20-21.

Caglar, L.R., Jellinek, S., Tamm, A. "Evidentiality and Language Change: Observations and Predictions for Dominant Language-transfer in German, Turkish, Hungarian and Estonian." Language Theory and Contact Linguistics. Piliscsaba, Hungary. 13-14 November, 2012.

Research Experience

Lab Manager, Computational Cognitive Development Lab

Psychology Department, Rutgers, the State University, Newark, New Jersey, USA, 2013-2015

- Principle Investigator: Dr. Elizabeth Bonawitz
- Helping build and maintain collaborations at local daycares and museums; responsible for data collection involving conducting interviews and experiments with children and adults; keeping organized records of participant pool and data; preparing progress reports; directing undergraduate research assistants
- Organizing the weekly Developmental Brown Bag meetings of the Psychology Department (Fall 2014 – Spring 2015)

Research Fellow, Cognitive Science Department, Central European University, Budapest, Hungary, 2012-2013

- Research topics: Evidentiality and Generics and their Cognitive Implications in concept formation
- Supervisors: Prof. Dr. Gergely Csibra, Dr. Anne Tamm
- Carrying out experiments with 4 and 6 year-old children at Bogazici University with Prof. Dr. Ayhan Aksu-Koc, February-March 2012

Researcher, Psychiatry Department, New York University, New York, United States of America, June-August 2012

- Research topics: Speech and Posttraumatic Stress Disorder
- Supervisor: Prof. Dr. Alexander Neumeister

Intern, 'PluS' Research Group, University of Vienna, Vienna, Austria, Fall 2011

- 'When Plurilingual Speakers Encounter Unilingual Environments. Migrants from African Countries in Vienna: Language Practices and Institutional Communication' (PluS)
- Supervisor: Univ.-Prof. Dr. Brigitta Busch

Conceptualizing and Running an Honors Course, Sirius Honors Course 'Sirius Program for Excellence in Education', University College Utrecht, Utrecht, the Netherlands, 2009-2010

- student-designed and student-led interdisciplinary Sirius honors course on Historical Romance Linguistics funded by the Dutch government
- Group research topic: 'From Vulgar Latin to the Romance Languages'
- Supervisors: Dr. Thomas Hard, Dr. Rosemary Orr

Intern, Max Plank Institute for Psycholinguistics, Nijmegen, the Netherlands, Summer 2009

- Research topics: 'Grammatical Evidentiality Development in Turkish-German Bilingual Children'
- Supervisors: Adjunct Assistant Professor Özge Öztürk

Teaching Experience

- Principles of Psychology 101, Head TA, Fall 2016

Professional & Academic Experience

Graduate Representative, Psychology Graduate Students

- Rutgers University Graduate Student Government, 2016 - Present

Translator

- 'Conflict in Diversity' project of the Max Planck Institute for the Study of Religious and Ethnic Diversity translated from Turkish to German, Goettingen, 2010
- 'Noel Baba'dan Mektuplar' ("Letters from Father Christmas") (J.R. Tolkien) translated from English to Turkish for Okuyan Us Yayinlari Publishing House, published in Nov. 2006.

Native Language Assistant (NLA)

- Turkish Language contribution to European Telecom Standard in Spoken Command Vocabulary for ICT devices and services, 2009-2010

Conference/Symposium Organization

- Helped organize the 'Computational Models of Cognitive Development' Pre-Conference at the bi-annual Cognitive Development Society Meeting, October 18th-19th 2013, Memphis, Tennessee, United States
- Organized the public symposium for the Sirius honors course in 2010
- Organized the International Colloquium 'Transnational Linguistic Repertoires: Communication in Courts and Public Agencies', 3-4 November 2011, Vienna, Austria

Language Skills

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| • German, native speaker (C2) | • Hungarian, elementary (A2) |
| • Turkish, native speaker (C2) | • Dutch, elementary (A2) |
| • English, near-native (C2) | • American Sign Language (ASL), beginner (A1) |
| • Italian, advanced (C1) | • Latin, Latinum |
| • French, intermediate (B2) | • Ancient Greek, Graecum |

Relevant Coursework

- Seminar in Semantics: Artificial Neural Networks (New York University, Fall 2016, in progress)
- Network and Complexity Neuroscience (Rutgers University, Spring 2016, Grade A)
- Cognitive Processes (Rutgers University, Fall 2015, Grade A)
- Neuroimaging Methods and Theory: From Image to Inference (Rutgers University, Fall 2014, Grade A)
- Language, Speech, Brain (Utrecht University, Spring 2012, Grade A)
- Language and Information (Utrecht University, Fall 2011, Grade A)
- Neurocognition of Language: From Grammar to Discourse (Utrecht University, Fall 2010, Grade A)

References

Prof. Dr. Stephen Jose Hanson
Full Professor
Director RUBIC (Rutgers Brain Imaging Center)
Professor of Psychology
Rutgers University, Newark, NJ
Email: jose@rubic.rutgers.edu

Prof. Dr. Garrison W. Cottrell
Full Professor
Computer Science & Engineering Department
University of California, San Diego
Email: gary@ucsd.edu