

Constantina Theofanopoulou

Address:

Biolinguistics Initiative Barcelona

Universitat de Barcelona Department of Linguistics

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Education

2016:

October- December: Research Visitor at Duke University, Jarvis Lab (PI: Erich Jarvis), NC, USA.

24-31 July: Genetics & Neurobiology of Language Course in Cold Spring Harbor Laboratory

June: Visitor in Comparative Genomics Lab (PI: Tomas Marques-Bonet), Universitat Pompeu Fabra, Barcelona, Spain.

2015-....:

Phd Candidate in Cognitive Science and Language (University of Barcelona)

Supervisor: Cedric Boeckx

Co-advisor: Erich Jarvis

2014-2015:

Master in Cognitive Science and Language (University of Barcelona)

GPA: 9,4

2010-2014:

Undergraduate studies in Linguistics

[2nd semester of the 3rd year: Erasmus student at the University of Seville, Spain]

July 2014: Graduated with a 9,5/10 general degree (1st place at the University)

2010:

Graduated from High School (Arsakeio Psychikou, Athens, Greece)

General degree: 19, 7 /20

Admitted (national ranking: 2nd) at the Philology Department of the National and Kapodistrian University of Athens

Scholarships – Prizes**Education:**2017:

-Grant from AGAUR (Agencia de Gestió d'Ajuts Universitaris i de Recerca) for a project aiming at supporting underrepresented minorities in science during my visit at Rockefeller Institute (in collaboration with Erich Jarvis and Cedric Boeckx)

2016:

-Award for the Best Poster presentation in the BARCCSYN 2016 meeting (Barcelona Computational, Cognitive and Systems Neuroscience), June 16 and 17, Institut d'Estudis Catalans, Barcelona, Spain.

-Helmsley Fellowship for the Genetics & Neurobiology of Language Course in Cold Spring Harbor Laboratory

-Grant from the Federation of European Neuroscience Societies to participate to the FENS Forum in Copenhagen (2-6 July 2016)

2015-2018:

FI Grant for 3-year Phd Project (Generalitat de Catalunya)

2015:

-Grant from the Spanish Ministry of Economy and Competitiveness ("Language disorders as oscillopathies: Towards a paradigm shift in clinical linguistics") (2-year research project; PI: Antonio Benitez-Burraco)

-Honours for the best MA Thesis (Cognitive Science and Language, University of Barcelona).

-Matrícula de Honor in 1. Mental Architecture and Basic Processes, 2. Interdisciplinary Applications of Linguistic Concepts, 3. Empirical Linguistics, 4. Linguistic variation

2014:

Heritage of Pantia- Ralli: Award from the University of Athens for excellent performance among students of the Department of Linguistics.

2013:

Matrícula de Honor in 1. Temas de Lingüística General, 2. Argumentación Sintáctica, 3. Morfosintaxis Inglesa (University of Seville)

2012-2013: Erasmus Scholarship for studying at the University of Seville for a semester

2010-2011: I.K.Y (Ίδρυμα Κρατικών Υποτροφιών- State Scholarships Foundation) Scholarship

Literature:

2014: 1st Place at the 9th Panhellenic Poetry Competition

1999: Kid Fairytale Prize from Minoas Publications

Publications

Theofanopoulou, C. (2016). Implications of oxytocin in human linguistic cognition: from genome to phenome. *Neuroendocrine Science*, 10, 271. <http://doi.org/10.3389/fnins.2016.00271>

Benítez-Burraco A., **Theofanopoulou C.** & Boeckx C. (2016). Globularization and Domestication. *Topoi*, 1–14. <http://doi.org/10.1007/s11245-016-9399-7>

Boeckx C., **Theofanopoulou C.** & Benítez-Burraco A. (2016). How The Brain Got Grammaticalized: Globularization And (self-)domestication. In S.G. Roberts, C. Cuskley, L. McCrohon, L. Barceló-Coblijn, O. Feher & T. Verhoef (eds.) *The Evolution of Language: Proceedings of the 11th International Conference (EVLANG11)*. Available online: <http://evolang.org/neworleans/papers/41.html>

Theofanopoulou, C., & Boeckx, C. (2016). The central role of the thalamus in language and cognition. In Boeckx, C., & Fujita, K. (Eds.), *In Advances in Biolinguistics: The Human*

Language Faculty and its Biological Basis, London: Routledge.
https://www.academia.edu/11502545/The_central_role_of_the_thalamus_in_language_and_cognition

Theofanopoulou, C., & Boeckx, C. (2015). Cognitive phylogenies, the Darwinian logic of descent, and the inadequacy of cladistic thinking. *Frontiers in Cell and Developmental Biology*(3), 64.

Theofanopoulou, C. (2015). Brain asymmetry in the white matter making and Globularity. *Frontiers in Psychology* 6:1355. <http://dx.doi.org/10.3389/fpsyg.2015.01355>

Boeckx, C. & **Theofanopoulou, C.** (2015). Commentary on “Labels, cognomes, and cyclic computation: An ethological perspective”. *Frontiers in Psychology* 6: 784. <http://dx.doi.org/10.3389/fpsyg.2015.00784>

Boeckx, C. & **Theofanopoulou, C.** (To appear). (Neural) syntax. In Martin, R. & Gallego, A. (Eds), *Language, Syntax, and the Natural Sciences*, Cambridge: Cambridge University Press.

Theofanopoulou, C., Martins, P. T., Ramirez, J., Zhang, E., Arellano, D., Castillo, G., Shi, E., Alamri, S., Martinez-Alvarez, A., & Leivada, E. (2015). Neurological foundations of language: Emerging perspectives. *Llengua, Societat i Comunicació* 13.

Alamri S, Zhang E, **Theofanopoulou C**, Castillo G, Shi E, Martins PT, Martínez Ferreiro S and Boeckx C (2015). Implications of Subcortical structures in Aphasia.. *Front. Psychol. Conference Abstract: Academy of Aphasia 53rd Annual Meeting*. doi: 10.3389/conf.fpsyg.2015.65.00081

Theofanopoulou, C. Light Verbs in Modern Greek. (2015). *Studies in Greek Linguistics* 35: 607- 631. Thessaloniki: Aristotle University of Thessaloniki.

Boeckx, C. & **Theofanopoulou, C.** (2014). A Multidimensional Interdisciplinary Framework for Linguistics: The Lexicon as a Case Study. *Journal of Cognitive Science* 15: 403-420.

https://www.academia.edu/11059177/A_Multidimensional_Interdisciplinary_Framework_for_Linguistics_The_Lexicon_as_a_Case_Study

Talks/posters

2017/upcoming:

C. Theofanopoulou, G. Geldman, C. Boeckx & E. D. Jarvis (upcoming). *A proposed universal nomenclature for the oxytocin and vasotocin ligand and receptor families*. 18th International Congress of Comparative Endocrinology, Chateau Lake Louise, Alberta, Canada, June 4-9.

C. Theofanopoulou, T. O' Rourke, S. Gastaldon, A. Messner, B. Samuels, P.T. Martins, S. Alamri & C. Boeckx. (upcoming). *Paleogenomic evidence for self-domestication in Homo sapiens*. European Human Behavior and Evolution Association 2017, Ecole normale supérieure (ENS), Paris, France, April 6-8. [talk]

C. Theofanopoulou, G. Geldman, C. Boeckx & E. D. Jarvis (2017). *A proposed universal nomenclature for the oxytocin and vasotocin ligand and receptor families*. Human Genome Meeting (Hugo-HGM). Hotel Barceló Sants, Barcelona, Spain, February 5-7. [poster]

2016:

C. Theofanopoulou. 2016. *Self-domestication of the Homo sapiens and the case of oxytocin*. Dognition Laboratory (PI: Brian Hare), Duke University, NC, USA, November 30th. [talk]

C. Theofanopoulou. 2016. *The endocrinome of social communication*. Nanosymposium 'Oxytocin and Social Behavior'. Sfn Neuroscience 2016, San Diego Convention Center, San Diego, CA, USA, November 12-16. [talk]

C. Theofanopoulou. 2016. *How social-reward hormones modulate language-learning*. Beyond Language Learning Workshop, Campus Poblenou, Universitat Pompeu Fabra, Barcelona, Spain, September 29-30. [poster]

C. Boeckx, **C. Theofanopoulou** & S. Alamri. 2016. *Characterizing the species-specific developmental trajectory underlying our enhanced learning capacity*. Beyond Language Learning Workshop, Campus Poblenou, Universitat Pompeu Fabra, Barcelona, Spain, September 29-30. [poster]

C. Theofanopoulou. 2016. *Implications of oxytocin in the reward mechanisms of auditory-vocal learning*. Jarvis Laboratory. Duke University, NC, USA. July 31st. [talk]

C. Theofanopoulou & C. Boeckx. 2016. *Oxytocin pathways, language-related genes, and the emergence of modern cognition*. 10th FENS Forum of Neuroscience, Bella Center, Copenhagen, Denmark, 2-6 July. [poster]

C. Theofanopoulou. 2016. *Oxytocin and Brain Rhythms*. BARCCSYN 2016 meeting (Barcelona Computational, Cognitive and Systems Neuroscience), Institut d'Estudis Catalans, Barcelona, Spain, 16-17 June. [poster]

C. Boeckx, **C. Theofanopoulou** & S. Alamri. 2016. *A syntax of Brain Rhythms for natural language syntax*. BARCCSYN 2016 meeting (Barcelona Computational, Cognitive and Systems Neuroscience), Institut d'Estudis Catalans, Barcelona, Spain, 16-17 June. [poster]

C. Theofanopoulou & C. Boeckx. 2016. *Sapiens-specific genetic changes affecting oxytocin pathways*. The European Conference of Human Genetics 2016, CCIB, Barcelona, Spain, 21-24 May. [poster]

C. Boeckx & **C. Theofanopoulou**. 2016. *Genomic evidence for self-domestication in anatomically modern humans*. The European Conference of Human Genetics 2016, CCIB, Barcelona, Spain, 21-24 May. [poster]

C. Boeckx & **C. Theofanopoulou**. 2016. *The complex system underlying neoteny and the evolution of human cognition*. V Jornada Complexitat. Cat: Unifying Complexity Science, INEFC, Barcelona, Spain, 19 May. [talk]

Constantina Theofanopoulou. 2016. *A framework for studying self-domestication*. 8th Dubrovnik Conference on Cognitive Science, Center for Advanced Studies of Dubrovnik, Croatia, 28 April- 1 May. [poster]

C. Boeckx, **C. Theofanopoulou** & A. Benítez- Burraco (2016). *How The Brain Got Grammaticalized: Globularization And (self-)domestication*. EVOLANG 11, University of Mississippi, USA, 21-24 March. [talk]

C. Theofanopoulou. 2016. *Why oxytocin might affect rhythmicity*. EVOLANG 11 (Workshop: Rhythm: Development, Evolution and Cognition), Tulane University, USA, 21 March. [talk]

C. Theofanopoulou, S. Alamri & C. Boeckx. 2016. *A brain symphony for natural language syntax*. The Nijmegen Lectures 2016 (David Poeppel), Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands, 20-22 January. [poster]

C. Boeckx & **Theofanopoulou, C.** 2016. *Some unconventional thoughts on neurolinguistics*. Universitat de Barcelona, Escola Universitaria D'Infermeria, L'Hospitalet de Llobregat, Spain. 15 January. [invited talk]

2015:

C. Boeckx & **Theofanopoulou, C.** 2015. *Brain-related genes and craniofacial development*. Center for Genomic Regulation, Barcelona, Spain, 3 December. [invited talk]

Constantina Theofanopoulou. 2015. *Rhythms in the Alzheimer's Disease's brain: A treatable endophenotype?* IV Clinical Linguistics International Congress, University of Barcelona, Spain, 18- 20 November. [talk]

C. Boeckx, **Theofanopoulou, C.** & Benítez-Burraco, A. 2015. *Brain-related genes and craniofacial development: a robust molecular link for clinical linguistics*. IV Clinical Linguistics International Congress, University of Barcelona, Spain, 18- 20 November. [talk]

S. Alamri, E. Q. Zhang, **C. Theofanopoulou**, G. Castillo, E. R. Shi, E. P. T . Martins, S. Martínez-Ferreiro, & C. Boeckx. 2015. *Implications of subcortical structures in Aphasia*. Academy of Aphasia 53rd Annual Meeting. Tucson, Arizona, USA, 18- 20 October. [poster]

E.Q. Zhang, **C. Theofanopoulou**, S. Alamri, G. Castillo, E.R. Shi, P.T. Martins, S. Martinez Ferreiro & C. Boeckx. 2015. *Aphasia and subcortical structures*. Experimental Psycholinguistics Conference, University of Madrid, Spain, 7-9 October. [poster]

Constantina Theofanopoulou, Elizabeth Q. Zhang, Saleh Alamri, Gonzalo Castillo, Edward R. Shi, Pedro Tiago Martins, Silvia Martinez Ferreiro, & Cedric Boeckx. 2015. *Subcortical structures and language disruption*. 16th Science of Aphasia Conference, University of Aveiro, Portugal, 17-22 September. [poster]

Constantina Theofanopoulou & Cedric Boeckx. 2015. *Can adequate cognitive phylogenies be constructed?* Protolang 4. Roma Tre University, Rome, Italy, September 24-26. [talk]

Constantina Theofanopoulou. 2015. [title to be announced]. Symposium on "The emergence of the human language-ready brain". Protolang 4. Roma Tre University, Rome, Italy, September 24-26 [invited talk]

Antonio Bentez-Burraco, **Constantina Theofanopoulou**, & Cedric Boeckx. 2015. *Recent brain-related gene mutations and the emergence of our language-ready brain*. Tokyo Lectures in Language Evolution. University of Tokyo, Japan. April 2-5. [poster].

Theofanopoulou, C. 2015. *What cognitive phylogenies got wrong*. Tokyo Lectures in Language Evolution. University of Tokyo, Japan. April 2-5. [poster].

Theofanopoulou, C. 2015. *A cognitive approach to the light verb constructions*. Formal Semantics Meets Cognitive Semantics. University of Nijmegen, The Netherlands. January 22-23. [poster]

2014:

Theofanopoulou, C. 2014. *Greek Light Verbs*. 35th Meeting of Linguistics' Department. Aristotle University of Thessaloniki, Greece. May 9-10. [talk]

Research group

Biolinguistics Initiative Barcelona

<http://biolinguistics-bcn.info/>

Other activities and talks

2013:

gave a presentation of *The Common Elements between the Cartesian and the Chomskyan Philosophical Systems* at the University of Seville

gave a presentation of *Verbs of Physical Perception Used in Progress Tenses* at the University of Seville

gave an analysis of Cavafy' s poems at an event dedicated to the *80 Years after the Death of Cavafy* (Ideopnoon and Iamvosart).

gave a presentation of George Pyrgaris' s book (*The tree of the invisible town*), in Patakis' s Publications Bookstore (Athens)

2012: analyzed Nikiforos Vrettakos' s poems at an event dedicated to the *100 Years after the Birth of Nikiforos Vrettakos* (Ideopnoon and Iamvosart)

2010: gave a speech (*Surrealism at the Poetry of Milto Sachtouris*) at the 2nd Congress of Poetry and Prose (Ideopnoon and Iamvosart)

2009: delegate at the 12th annual session of the Athens Model United Nations (*Economy*)

2008: 8th Unesco Symposium (*Ecological Destruction and human beings. Consequences and Social Responsibility*)

Other Publications

2015:

Poem (Figi) published in *Eneken* 36, 142.

2014- now:

Poetry Reviews/ Responsible for the Interviews [Poets' Column] www.culturenow.gr

2013-2014:

Literature Reviews (mainly prose) and articles on poetry www.artic.gr

2010- 2011:

Article writer at ODEG' s newspaper (Organisation for the Spread of Greek Language)

Other Experience

2010-2013:

Member of a NGO in Athens (called *Streets of Life*-because it gives motivation for Life at people who live in the Streets), which consists of a group of volunteers (mostly philologists) teaching Greek to refugees and immigrants

Languages

Greek: native level

English: C2 Level (University of Michigan, 2006)

Spanish: B2 Level (Instituto Cervantes, 2012). [My speaking and understanding skills reached a much higher level during my Erasmus stay in Seville].

Italian: Diploma di Lingua Italiana (Istituto Italiano di Cultura, 2006)

French: excellent understanding/sufficient speaking

Latin

Ancient Greek

Computer skills

Software: Excellent and fast command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) and Internet Explorer.

Good command of Adobe PhotoShop™ graphic design application.

Interests

Literature (writing and reading)

Philosophy

Voluntarism

Flamenco dance:

-1st place in Greece in 2007 (Spanish Dance Society)

-Took part in flamenco presentations at: The National Opera in Greece, Ilisia Denisi Theater, Acropol Theater (Athens)

Cinema: member of the P.O.F.P.A (cinema club of the University of Athens)