

# Dr. Katerina Danae Kandylaki

## Curriculum Vitae

### Personal information

Full name **Kandylaki, Aikaterini Danae**.  
Date of birth **12. August 1986**, Athens.  
ORCID ID [orcid.org/0000-0001-7831-4913](https://orcid.org/0000-0001-7831-4913).  
Scopus ID **56830589000**.

### Education

2012 – 2016 **PhD in Neurobiology of Language (summa cum laude)**, Neurolinguistics lab and Clinic for Psychiatry and Psychotherapy, Philipps-University Marburg.  
Supervisor: Prof. Ina Bornkessel-Schlesewsky, Co-supervisors: Prof. Tilo Kircher, Prof. Richard Wiese  
2009 – 2011 **Master of Science in Language, Science and Technology**, Specialization in Computational Psycholinguistics, Saarland University.  
Master thesis supervisors: Prof. Matthew Crocker, Dr. Pirita Pyykkönen-Klauck  
2004 – 2009 **Diploma in Greek Philology**, Specialization in Linguistics, University of Athens.  
Thesis supervisor: Prof. George Markopoulos

### Professional experience

Apr 2018 – present **Marie Skłodowska-Curie research fellow**, Department of Neuropsychology and Psychopharmacology, Maastricht University, Maastricht, The Netherlands.  
Feb 2016 – Jan 2018 **Research associate**, Department of Bioengineering, Imperial College London, London, United Kingdom.  
Apr 2015 – Dec 2015 **Research assistant**, Institute for Germanic Linguistics, LOEWE Research Focus: Exploring Fundamental Linguistic Categories, Philipps-University Marburg.  
Jul 2010 – Sep 2010 **Research assistant**, designed and ran eye-tracking experiments in the psycholinguistics lab, Saarland University.  
Nov 2009 – Dec 2010 **Research assistant**, designed and ran behavioural experiments in the SALSA Project, Saarland University.

### Editing experience

Jun 2017 – present **Associate editor for special issue on "Auditory Story Comprehension" in the journal Language, Cognition and Neuroscience**, together with Prof. Ina Bornkessel-Schlesewsky, invited by Prof. Lorraine Tyler.

### Awards

April 2018 – March 2020 **Marie Skłodowska-Curie individual fellowship award**, European Commission.

- April 2012 – **PhD scholarship award**, Excellence Initiative (Exlnit), Funding for innovative and interdisciplinary PhD projects, Philipps-University Marburg.  
March 2015  
Oct 2006 – **Erasmus placement award**, University of Athens.  
March 2007

### Teaching experience

- Oct 2015 – **Course instructor**, Seminar: Language and Music in the Brain, Philipps-University Marburg.  
Mar 2016  
May 2015 **Course instructor**, Workshop: Language and Music in the Brain, Student Conference in Linguistics, Philipps-University Marburg.  
Oct 2013 – **Course instructor**, Seminar: Using Eye-tracking to study Language Processing, Philipps-University Marburg.  
Mar 2014

### Supervising/tutoring students

- Jan 2019 – **Supervising two MSc students**, Research Master: Neuropsychology, Maastricht University.  
Aug 2019  
Jan 2017 – **Supervising one MSc student**, Masters: Biomedical Engineering, Imperial College London.  
Sep 2017  
Apr 2015 – **Supervising one MSc student**, Masters: Language and Communication, Philipps-University Marburg.  
Jul 2015  
Jan 2009 – **Tutoring MSc students**, Masters: Language Technology, University of Athens.  
Feb 2009

### Academic and research training

- 2013 – 2015 **Certificate "Development and Management of Research Projects"**, Marburg University Research Academy (MARA), Marburg, Germany.  
Oct 28 – Nov 15, 2015 **Visiting researcher**, Cognitive Neuroscience Laboratory, University of South Australia, Adelaide, Australia.  
Nov 21 – Dec 14, 2014 **Visiting researcher**, Cognitive Neuroscience Laboratory, University of South Australia, Adelaide, Australia.  
June 24 – 27, 2014 **Toolkit of Cognitive Neuroscience**, Transcranial Brain Stimulation, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, the Netherlands.

### Institutional responsibility

- Feb 2017 – **Post doc representative**, Department of Bioengineering, Imperial College London.  
Jan 2018 Organising the annual **Post doc Symposium** in the Department of Bioengineering, **Science Fridays** (fortnightly departmental event on science topics), and other post doc events.

### Organisation of scientific meetings

- Feb 2017 – **Imperial Neuroscience Research Day (INeRD)**, A half-day event aimed at connecting early-career neuroscientists, Imperial College London.  
Sep 2017  
Jan 2015 – **Studentische Tagung Sprachwissenschaft (StuTS)**, Student Conference in Linguistics, Philipps-University Marburg.  
May 2015

## Journal publications

**Kandylaki, K. D.,** Henrich, K., Nagels, A., Kircher, T., Domahs, U., Schlesewsky, M., Bornkessel-Schlesewsky, I., & Wiese, R. (2017). Where is the beat? The neural correlates of lexical stress and rhythmical well-formedness in auditory story comprehension. *Journal of Cognitive Neuroscience*, 29(7), 1119–1131. doi:10.1162/jocn\_a\_01122.

**Kandylaki, K. D.,** Nagels, A., Tune, S., Kircher, T., Wiese, R., Schlesewsky, M., & Bornkessel-Schlesewsky, I. (2016). Predicting “when” in discourse engages the human dorsal auditory stream: An fMRI study using naturalistic stories. *Journal of Neuroscience*, 36(48), 12180–12191. doi:10.1523/JNEUROSCI.4100-15.2016

**Kandylaki, K. D.,** Nagels, A., Tune, S., Wiese, R., Bornkessel-Schlesewsky, I., & Kircher, T. (2015). Processing of false belief passages during natural story comprehension: An fMRI study. *Human brain mapping*, 36(11), 4231–4246. doi:10.1002/hbm.22907.

**Kandylaki, K.,** Bohn, K., Nagels, A., Kircher, T., Domahs, U., & Wiese, R. (2014, September). Processing linguistic rhythm in natural stories: an fMRI study. In *Cognitive Processing* (Vol. 15, No. 1, pp. S114–S115). Tiergartenstrasse 17, D-69121 Heidelberg, Germany: Springer Heidelberg.

## Invited talks

**Kandylaki, K. D.** (2015, June). *Testing natural language use: insights from naturalistic experimental paradigms*. Research group of Professor Athanassios Protopapas, University of Athens, Greece.

**Kandylaki, K. D.** (2017, December) (In Greek) *Exploring the neurobiology of language with naturalistic experiments*. Psycho- and Neurolinguistics lab of Professor Spyridoula Varlokosta, University of Athens, Greece.

**Kandylaki, K. D.** (2018, December). *How to “go natural” in the neurobiology of language*. Neurolinguistics Colloquium, Philipps-University Marburg, Germany.

## Conference talks

**Kandylaki, K. D.** (2017, June). *The neural correlates of linguistic rhythm*. International summer school: Music, language and cognition, Lake Como School of Advances Studies, Lake Como.

**Kandylaki, K. D.** (2015, June). *Testing natural language use: insights from naturalistic experimental paradigms*. Conference for experimental linguistics (ExLing), Athens.

**Kandylaki, K. D.,** Kennington, C. R., Niefind, F., Rebmann, A., Shore, T., Pyykkönen, P. (2010, November). *Verb Aspect and Causality in Situation Models*. 48th Studentische Tagung Sprachwissenschaft (StuTS, Student conference for Linguistics), Potsdam.

## Conference posters

Weissbart, H., **Kandylaki, K. D.,** Reichenbach, T. (2017, September). *Electrophysiological correlates of word sequence features in natural spoken language*. BSA Basic Auditory Science Meeting, Nottingham.

Brillmayer, I., **Kandylaki, K. D.,** Bornkessel-Schlesewsky, I., Schlesewsky, M. (2016, August). *Predicting discourse topics: Evidence for the privileged role of the syntactic subject during the comprehension of naturalistic auditory stories using event-related potentials*. Annual Meeting of the Society for the Neurobiology of Language, London.

**Kandylaki, K. D.,** Henrich, K., Nagels, A., Kircher, T., Domahs, U., Bornkessel-Schlesewsky, I., & Wiese, R. (2015, October). *The neural correlates of linguistic rhythm during natural story listening*. Annual Meeting of the Society for the Neurobiology of Language, Chicago.

**Kandylaki, K. D.,** Sommer, J., Kircher, T., Wiese, R., Bornkessel-Schlesewsky, I. (2015, October) *Pupil dilation in natural story listening during fMRI*. Annual Meeting of the Society for the Neurobiology of Language, Chicago.

**Kandylaki, K. D.**, Henrich, K., Nagels, A., Kircher, T., Domahs, U., Bornkessel-Schlesewsky, I., & Wiese, R. (2015, September). *Where is the beat? An fMRI study on rhythmic (ir)regularities in natural stories*. Biannual meeting of the German Phonetics and Phonology Society, Marburg.

**Kandylaki, K. D.**, Nagels, A., Kircher, T., Wiese, R., Schlewsky, M., & Bornkessel-Schlesewsky, I. (2014, August). *Discourse predictions are processed in the dorsal auditory stream: an fMRI study using naturalistic stories*. Annual Meeting of the Society for the Neurobiology of Language, Amsterdam.

Rabs, E., Alday, P., **Kandylaki, K. D.**, Schlewsky, M., Roehm, D., Bornkessel-Schlesewsky, I. (2014, August). *The electrophysiology of long-term vs. short-term predictions: the strength of prediction is cumulative*. Annual Meeting of the Society for the Neurobiology of Language, Amsterdam.

**Kandylaki, K. D.**, Nagels, A., Wiese, R., Bornkessel-Schlesewsky, I., & Kircher, T. (2014, June). *Processing theory of mind in natural language contexts: an efMRI study*. Annual Meeting of the Organization for Human Brain Mapping, Hamburg.

## Technical skills

Typography **LaTeX**, LyX, Markdown, Office.

Programming **Python**, R statistical software, Matlab (basic skills), Presentation, Experiment Builder, OpenSesame.

Data analysis **MNE python**, Statistical Parametric Mapping (SPM), Brain Voyager, Data Viewer.

## Languages

English **Excellent** *TOEFL Internet-based test, Score 105/120 (2008)*

German **Excellent** *(Goethe) Mittelstufe Pruefung (2002)*

Greek **Native**

Romanian **Native**

Dutch **Basic** *A2 level*

French **Basic** *A2 level*

## Science communication

Sep 2018 – present **City Coordinator, Pint of Science Maastricht**, Bringing Science out to the pubs and bars of Maastricht to foster science communication to the public.

## Extracurricular activity

Apr 2017 – present **Certified teacher for Margaret Morris Movement (MMM)**, a unique system of exercise, dance and movement training.

Giving workshops and classes for athletic and creative training.

2012 – 2015 **Mentor in ProMotivation**, Philipps-University Marburg.

Mentored female master students and graduates of the social studies and humanities.

2013 – 2015 **Mentee in SciMento**.

Received advice from experienced professors and researchers at SciMento, a mentoring program for female PhD-students and post-docs in Hesse.

Apr 2015 – Dec 2015 **Co-trainer for dance class "Margaret Morris Movement: dancing body-workout"**,

Philipps-University Marburg.

Assisted in teaching MMM at the sports centre of the University.

Maastricht, January 28, 2019



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