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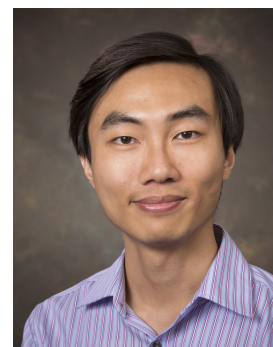in kevintangcantab

Univ.-Prof. Dr. Kevin Tang
Ph.D. (UCL), M.A. (UCL)
M.Eng. (Cantab), M.A. (Cantab)
CMALT

Academic employment

Sept. 2021 –	Heinrich-Heine-University Düsseldorf, Germany
	English and American Studies Department, English Language and Linguistics
	University Professor in English Linguistics with specialisations in Phonetics/Phonology/Morphology (Tenured)
August 2021 –	University of Florida, Gainesville, FL, USA
	Department of Linguistics
	Courtesy Assistant Professor in Computational Language Science
2019-2021	University of Florida, Gainesville, FL, USA
	Department of Linguistics
	Assistant Professor in Computational Language Science (Tenure-track)
2017-2019	Zhejiang University, Hangzhou, China
	Department of Linguistics and Translation, School of International Studies
	Assistant Professor in Linguistics (Tenure-track)
2015-2017	Yale University, New Haven, CT, USA
	Postdoctoral Associate in Linguistics
	SUPERVISOR: Ryan Bennett

Education

2011–2015	University College London, London, United Kingdom
	Ph.D. in Linguistics, October 2015
	THESIS: *Naturalistic Speech Misperception*
	ADVISORS: Andrew Nevins (Primary) & Stuart Rosen (Secondary)
	VIVA COMMITTEE: John Harris (Internal) & Bert Vaux (External)
2010–2011	University College London, London, United Kingdom
	M.A. in Linguistics, November 2011
	DISSERTATION: *Phonetic trends in slips of the ear*
	CLASS: Distinction (Dissertation and all modules)
2009–2010	University of Cambridge (Churchill College), Cambridge, United Kingdom
	M.Eng. in Engineering, June 2010

Class: Honours Pass (Dissertation: Merit; Modules: Honours Pass)

2006–2009   University of Cambridge (Churchill College), Cambridge, United Kingdom
B.A. in Engineering, June 2010
Class: 2.i.

Publications/Products

Patents/copyrights

Patent Pending   **Kevin Tang**, Yong Kyu Yoon, Ratree Wayland, Lori J Altmann, Saeyeong Jeon & Sunghyun Hwang. 2020. Smart pseudo-palate for linguistic and biomedical applications. University of Florida, Patent Pending.

Journal articles (published or accepted)

In press   **Kevin Tang**, Charles B. Chang, Sam Green, Kai Xin Bao, Michael Hindley, Young Shin Kim & Andrew Nevins. In press. Intoxication and pitch control in tonal and non-tonal language speakers. *JASA Express Letters* [ESCI] [Student Author: KXB and MH] [First author]

2021   **Kevin Tang** & Jason A. Shaw. 2021b. Prosody leaks into the memories of words. *Cognition* 210. 104601. http://dx.doi.org/10.1016/j.cognition.2021.104601 [SSCI] [First author]

2020   Rahul Razdan, Ken Ford, Justin Mason, Sanjay Ranka, Brian Reimer, Raivo Sell, Edward Straub & **Kevin Tang**. 2020. *Unsettled Topics Concerning Human and Autonomous Vehicle Interaction*. SAE EDGE™ Research Reports. SAE International. 24 pp. https://www.sae.org/publications/technical-papers/content/epr2020025/ [KT is part of the EDGE Development Team]

2020   Peter Howell, Li Ying Chua, Kaho Yoshikawa, Hannah Hau Shuen **Tang**, Taniya Welmillage, John Harris & **Kevin Tang**. 2020. Does working-memory training given to reception-class children improve the speech of children at risk of fluency difficulty? *Frontiers in Psychology* 11. 3182. http://dx.doi.org/10.3389/fpsyg.2020.568867
[pdf: https://tinyurl.com/y42puhy9] [bib] [SSCI] [Corresponding author] [Student Authors: LYC, KY, HT, and TW]
(Part of the **F**luency **I**n **S**chool **T**eam project: www.fistproject.org)

2020   **Kevin Tang**, Mellissa M. C. DeMille, Jan C. Frijters & Jeffrey R. Gruen. 2020. *DCDC2* READ1 regulatory element: how temporal processing differences may shape language. *Proceedings of the Royal Society B: Biological Sciences* 287(1928). 20192712. http://dx.doi.org/10.1098/rspb.2019.2712
[pdf: https://tinyurl.com/y5mfxgr3] [bib] [SCI Expanded] [First author]

2018   **Kevin Tang** & Ryan Bennett. 2018. Contextual predictability influences word and morpheme duration in a morphologically complex language (Kaqchikel Mayan). *The Journal of the Acoustical Society of America* 144(2). 997–1017. http://dx.doi.org/10.1121/1.5046095
[pdf: https://goo.gl/68PaKp] [bib] [SCI, SCI Expanded] [First and corresponding author]

2018   Ryan Bennett, **Kevin Tang** & Juan Ajsivinac Sian. 2018. Statistical and acoustic effects on the perception of stop consonants in Kaqchikel (Mayan). *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 9(1). 9. http://dx.doi.org/10.5334/labphon.100
[pdf: https://goo.gl/8h3RCj] [bib] [SSCI, A&HCI] [Corresponding author]

2018   Mellissa M. C. DeMille, **Kevin Tang**, Chintan M. Mehta, Christopher Geissler, Jeffrey G. Malins, Natalie R. Powers, Beatrice M. Bowen, Andrew K. Adams, Dongnhu T. Truong, Jan C. Frijters & Jeffrey R. Gruen. 2018. Worldwide distribution of the *DCDC2* READ1 regulatory element and its relationship with phoneme variation across languages. *Proceedings of the National Academy of Sciences*. http://dx.doi.org/10.1073/pnas.1710472115. http://www.pnas.org/content/early/2018/04/10/1710472115
[pdf: https://goo.gl/RCVdZL] [bib] [SCI] [Second author]

2017   Peter Howell, **Kevin Tang**, Outi Tuomainen, Sin Kan Chan, Kirsten Beltran, Avin Mirawdeli & John Harris. 2017. Identification of fluency and word-finding difficulty in samples of children with diverse language backgrounds. *International Journal of Language & Communication Disorders* 52(5). 595–611. http://dx.doi.org/10.1111/1460-6984.12305
[pdf: https://goo.gl/PdMGSF] [bib] [SSCI, SCI Expanded] [Second author]
(Part of the **F**luency **I**n **S**chool **T**eam project: www.fistproject.org)

2015   Andrew Nevins, Cilene Rodrigues & **Kevin Tang**. 2015. The rise and fall of the L-shaped morpheme: diachronic and experimental studies. *Probus: International Journal of Latin and Romance Linguistics* 27(1). 101–155. http://dx.doi.org/10.1515/probus-2015-0002
[pdf: https://goo.gl/e5JYZe] [bib] [SSCI, A&HCI] [Equal contribution authorship.]

Proceeding articles (published or accepted)

Accepted Akhilesh Kakolu Ramarao, Yulia Zinova, **Kevin Tang** & Ruben van de Vijver. Accepted. Heimorph at SIGMORPHON 2022 shared task on morphological acquisition trajectories. In *Proceedings of the 19th SIGMORPHON workshop on computational research in phonetics, phonology, and morphology* [Student Author: AKR] [Senior author]

2022 Harrison Santiago, Joshua L. Martin, Sarah Moeller & **Kevin Tang**. Accepted. Disambiguation of morpho-syntactic features of African American English – the case of habitual *be*. In *Proceedings of the second workshop on language technology for equality, diversity and inclusion* [Student Authors: HS, JM] [Senior author]

2020 Joshua L. Martin & **Kevin Tang**. 2020. Understanding Racial Disparities in Automatic Speech Recognition: The Case of Habitual "be". In *Proc. interspeech 2020*, 626–630. http://dx.doi.org/10.21437/Interspeech.2020-2893. http://dx.doi.org/10.21437/Interspeech.2020-2893 [Student Author: JM] [pdf] [bib]

2020 Ayushi Pandey, Pamir Gogoi & **Kevin Tang**. 2020. Understanding forced alignment errors in Hindi-English code-mixed speech – a feature analysis. *Proceedings of First Workshop on Speech Technologies for Code-switching in Multilingual Communities 2020* [Student Authors: AP and PG] [pdf]

2019 **Kevin Tang** & Ryan Bennett. 2019. Unite and conquer: bootstrapping forced alignment tools for closely-related minority languages (Mayan). In Sasha Calhoun, Paola Escudero, Marija Tabain & Paul Warren (eds.), *Proceedings of the 19th International Congress of Phonetic Sciences, Melbourne, Australia 2019*, 1719–1723. Canberra, Australia: Australasian Speech Science and Technology Association Inc. https://assta.org/proceedings/ICPhS2019/papers/ICPhS_1768.pdf [First author] [pdf] [bib]

2017 Peter Howell, Kaho Yoshikawa, **Kevin Tang**, John Harris & Clarissa Sorger. 2017. Intervention for word-finding difficulty for children starting school who have diverse language backgrounds. In Robert Eklund & Ralph Rose (ed.), *Proceedings of Disfluencies in Spontaneous Speech, 8th workshop*, vol. 58, 33–36. Stockholm, Sweden: KTH Royal Institute of Technology, TMH-QPSR [pdf: https://goo.gl/XR8HbA] [bib]

2014 **Kevin Tang** & Andrew Nevins. 2014. Measuring segmental and lexical trends in a corpus of naturalistic speech. In Hsin-Lun Huang, Ethan Poole & Amanda Rysling (eds.), *Proceedings of the 43rd meeting of the North East Linguistic Society*, vol. 2, 153–166. GLSA (Graduate Linguistics Student Association) [pdf: https://goo.gl/9Kaov5] [bib]

Working Papers

2013	**Kevin Tang** & Andrew Nevins. 2013. Quantifying the diachronic productivity of irregular verbal patterns in Romance. *UCL Working Papers in Linguistics* 25. 289–308 [pdf: https://goo.gl/AM3bVh] [bib]
2012	**Kevin Tang**. 2012. A 61 million word corpus of Brazilian Portuguese film subtitles as a resource for linguistic research. *UCL Working Papers in Linguistics* 24. 208–214 [pdf: https://goo.gl/fJkVkR] [bib]

Articles (Submitted or In revision)

Submitted	Xiaoyi Tian, Amanda Griffith, Zane Price, Kristy Elizabeth Boyer & **Kevin Tang**. Submitted. Investigating linguistic alignment in middle school collaborative computer science learning: convergence, divergence, and partner satisfaction [Student Author: XT, AG, ZP] [Corresponding author]
In revision	Fenqi Wang, **Kevin Tang** & Ratree Wayland. In revision. The effect of pitch accent on the perception of English lexical stress: evidence from native listeners [SSCI, A&HCI] [Student Author: FW]
In revision	**Kevin Tang** & Faruk Akkus. Under review. Identity avoidance in Turkish partial reduplication: feature specificity and locality. *Laboratory Phonology: Journal of the Association for Laboratory Phonology* [SSCI, A&HCI] [First author]
Under review	**Kevin Tang** & Dinah Baer-Henney. Under review. Modelling L1 and the artificial language during artificial language learning. *Laboratory Phonology: Journal of the Association for Laboratory Phonology.* Preprint: `https://dx.doi.org/10.31234/osf.io/df8ru` [SSCI, A&HCI] [First author]
In revision	Ryan Bennett, **Kevin Tang** & Juan Ajsivinac Sian. In revision. Laryngeal co-occurrence restrictions as constraints on sub-segmental articulatory structure. *Natural Language & Linguistic Theory* [SSCI, A&HCI]
In revision	John Harris, Eno-Abasi Urua & **Kevin Tang**. Submitted. A unified model of lenition as modulation reduction: gauging consonant strength in Ibibio. *Phonology* [SSCI, A&HCI] [Corresponding author]

Conference presentation (Submitted)

Abstract submitted	Jason Shaw & **Kevin Tang**. Submitted. A dynamic neural field model of leaky prosody: proof of concept

Manuscripts in preparation

In prep.	**Kevin Tang** & Jason A. Shaw. In preparation. Homophones are not homophonic in Mandarin Chinese
In prep.	**Kevin Tang**, Ye Tian, Jyrki Tuomainen & Judit Druks. In prep. PSYCHI-GRAM: a psycholinguistic database of Mandarin Chinese nouns and verbs for grammatical class research
In prep	**Kevin Tang** & Calvin Yang. In prep. A richer model is not always more accurate: evaluating phonotactic knowledge with 8,400 nonwords. *Frontiers in Artificial Intelligence – Cross-Disciplinary Perspectives on Language Architecture* [Student Author: CY]
In prep.	**Kevin Tang** & Andrew Nevins. In prep. Prior expectations constrain conversational, mondegreen and experimental misperception [First author]
In prep.	John Harris, Nicholas Neasom & **Kevin Tang**. In prep. Phonotactics with [awt] rules: the learnability of a simple, unnatural pattern in English.

Ph.D. Thesis

2015	**Kevin Tang**. 2015. *Naturalistic speech misperception.* University College London dissertation [pdf: https://goo.gl/nWYk1B] [bib] This thesis yielded a new corpus containing ≈ 5,000 instances of naturally occurring misperception of conversational English. Please see the SEAR (**S**lips of the **EAR**) Project for more details: www.searproject.org

Grants and awards

WHILE AT HEINRICH-HEINE-UNIVERSITY DÜSSELDORF

2022   Hardware Grant. **20 × NVIDIA® Jetson™ Nano Developer Kits**. NVIDIA Academic Hardware Grant, "FOSStering Digital Humanities through Accent Diversity & Conversational Devices". Co-applicant: Akhilesh Kakolu Ramarao [Further info]

2022   Education Grant. **€9.424**. e-Learning support fund, Heinrich-Heine-University Düsseldorf. "Interactive web-based review units for phonetics and phonology". Co-applicant: Christopher Geissler and Akhilesh Kakolu Ramarao [Further info]

WHILE AT UNIVERSITY OF FLORIDA

2021–2023   Research Grant. **$85,000**. University of Florida Office of Research – Research Opportunity Seed Fund. "Demystifying perceptual evaluations of parkinsonism sub-categorizations using machine learning". Co-PI with Karen Wheeler Heglan (Speech, Language, and Hearing Sciences), Yonghee Oh (Speech, Language, and Hearing Sciences) and Ratree Wayland (Linguistics)

2021–2024   Research Grant. **$349,990**. National Endowment for the Humanities (Award ID: PW-277433-21). "Reanimating African American Oral Histories of the Gulf South: Tailoring Education and Research through Natural Language Understanding". Past role: PI (PI-ship transferred to Sarah Moeller). Current role: Co-I. Co-PI: Paul Ortiz (Samuel Proctor Oral History Program), and Stephanie Birch (Libraries). Co-I with Deborah Hendrix (SPOHP), Laura Spears (Libraries), Brittany Kester (Libraries), Joshua Martin and Rebekah A. Cordova (Education) [Further info 1] [Further info 2]

2020–2023   Research Grant. **$750,000**. National Science Foundation (Award ID: 2037266). "**S**mart **E**lectropalatography for **L**inguistic and **M**edical **A**pplications (SELMA)". Co-PI with Yong-Kyu Yoon (Engineering), Ratree Wayland (Linguistics) and Lori J. Altmann (Speech, Language, and Hearing Sciences) [Further info]

2020–2021   Research Grant. **$49,004**. University of Florida Clinical and Translational Science Institute. "A sociolinguistic-enabled web application to precision health intervention for African Americans". Co-PI with Janice Krieger (Communication Sciences and Medicine) [Further info]

2020–2021   Research Grant. **$18,875**. University of Florida Informatics Institute. "The emergence of COVID-19 team science: tracking topics, networks and expertise in global COVID-19 research". Co-PI with Raffaele Vacca (Network Sciences). [Further info]

2021	Research Mentor Award. **$1000** University of Florida, University Scholars Program. Two awards ($500 per award). Research students: Rayyan Merchant and Ryan Aponte [Further info]
2020,2021	Research Mentor Award. **$1500** University of Florida, University Research Scholars Program. Six awards ($250 per award). Research students: Grace Tovkach, Ryan Aponte, Nancy Chen, Rayyan Merchant, Calvin Yang, Sophia Vellozzi [Further info]

WHILE AT ZHEJIANG UNIVERSITY

2018	Research Grant. 90,000 RMB ($12,738). The Fundamental Research Funds for the Central Universities, The Institute of Social Sciences, China. "Interdisciplinary study of multilingualism in the Middle Ages and the Renaissance". Co-applicant with Hao Tian Hu, Feng Guo Dong and Lu Yun

While at Yale (Post-doc)

2017–2019   Research Grant. $14,500. Salomon Award. "Multi-purpose corpora for modern Mayan languages". Co-applicant with Prof. Scott AnderBois (Brown), Prof. Ryan Bennett (Yale) and Prof. Robert Henderson (Arizona)

2016   Research Grant. £1200. International Association for Forensic Phonetics and Acoustics (IAFPA) "The Phonetics of Trademark Law". Co-applicant with Silvia Dahmen (University of Cologne) and Lawrence Solan (Brooklyn Law School)

While at University College London (Graduate)

2013   European Science Foundation Short Visit Grant received by NetWordS - 09-RNP-089, The European Network on Word Structure. Openlexicons project at the Center for Reading Research, Department of Experimental Psychology, Ghent University, Belgium

2013   The Big Data Hackathon - April - Data Science London. Second Prize for the Data Visualization Challenge (in 24 hours): develop a data visualization based on data provided by Peerindex (with Joaquin Atria, Mauricio Figueroa & Tim Schoof) [See the final product "Twittrends": https://goo.gl/o243ZI]

2011   Arts and Humanities Research Council. M.Phil./Ph.D. Studentship: M.Phil./Ph.D. in Linguistics at University College London

While at University of Cambridge (Undergraduate)

2009   The Institution of Engineering and Technology. The IET Innovation Award, Finalist: Gap year project: Automatic Testing of Novel High Resolution X-ray Optics Using Matlab

2009   Cambridge University Language Centre. Bursaries for Science and Medical Students for Language Courses Abroad

2006   The Year In Industry Contribution to Business Award, Finalist: Gap year project

2005   The Institution of Engineering and Technology. The IET Fuse Scholarship: University

Outreach

INVITED TALKS

2020   **Kevin Tang**. November, 2020(a). Science without borders: where linguistics meets human health research. *Annual Research Forum: Multicultural Association of Pre-Health Student (M.A.P.S.)*, University of Florida, USA. https://www.mapsuf.com/

2020   **Kevin Tang**. November, 2020(b). The importance of One Health on linguistics. *One Health Week 2020*, One Health Center of Excellence, University of Florida, USA. https://www.youtube.com/watch?v=lW-AFDYAGUI/

RESEARCH REPORTED IN THE MEDIA

2020   How Genetics Guide the Evolution of Language? 2020. *News, College of Liberal Arts and Sciences, University of Florida*. https://news.clas.ufl.edu/how-genetics-guide-the-evolution-of-language/

2018   Nikhil Sonnad. 2018. Can genes change the way languages evolve? *Quartz*. https://qz.com/1264305/can-genes-change-the-way-languages-evolve/

NEWSPAPER ARTICLES

2020   **Kevin Tang**. 2020. Forward – reminiscences of an undergraduate from the noughties. *Churchill Review: 60th Anniversary of Churchill College* 57B. 79–80. https://www.chu.cam.ac.uk/media/uploads/files/Churchill%20Review%202020%20SE.pdf

2015   M.C. Carmo & **Kevin Tang**. 2015. Alternância, 'auternância' ou 'arternância': variação dos sons da fala. *Diário da Região*. 28 Feburary 2015, 4C–4C [Article: https://goo.gl/QT6WKQ]

Presentations

PEER-REVIEWED TALKS

2021   Fenqi Wang, Delin Deng, Qingcheng Zeng, Ratree Wayland & **Kevin Tang**. 2021. A corpus study of the production of syllable-initial /l/ and /n/ in Gan-accented Mandarin: random forest classification. The 49th Meeting of New Ways of Analyzing Variation

2021   **Kevin Tang** & Dinah Baer-Henney. 2021. The necessity of modelling lexical effects during artificial language learning paradigm. Workshop at 54th Annual Meeting of the Societas Linguistica Europaea (SLE 2021), Athens, Greece.

2021	**Kevin Tang**, Kaixuan Gong, Jingyi Yang, Sixian Du & Yanduo Chen. 2021. Modeling the acceptability of Mandarin pseudowords with big data – the case of gradient phonotactics. The 18th *Old World Conference in Phonology*, Ibiza, Spain. [Student Authors: KG, JY, SD, and YC]
2021	Calvin Yang & **Kevin Tang**. 2021. A richer model is not always more accurate: evaluating phonotactic knowledge with 8,400 nonwords. The 18th *Old World Conference in Phonology*, Ibiza, Spain. [Student Author: CY]
2020	Dinah Baer-Henney & **Kevin Tang**. September, 2020. Disentangling L1 and L2 effects from learning bias in artificial language learning. *Talk at 16th Phonetik und Phonologie Tagung*, Trier, Germany
2019	**Kevin Tang** & Jason Shaw. October, 2019. Sentence prosody leaks into the lexicon: evidence from Mandarin Chinese. *5th Annual Florida Psycholinguistics Meeting*, University of Miami, USA.
2019	**Kevin Tang** & Ryan Bennett. August, 2019. Unite and conquer: bootstrapping forced alignment tools for closely-related minority languages (Mayan). *International Congress of Phonetic Sciences 2019*, Melbourne, Australia
2019	**Kevin Tang** & Dinah Baer-Henney. May, 2019. Disentangling L1 and L2 effects in artificial language learning. *27th Manchester Phonology Meeting*, University of Manchester, UK.
2018	**Kevin Tang**. November, 2018. How genes shape phonology: evidence from worldwide distribution of the *DCDC2* READ1 regulatory element and its relationship with phoneme variation across languages. *The 8th International Conference on Formal Linguistics*, China.
2018	John Harris, **Kevin Tang** & Nicholas Neasom. September, 2018. Do phonologists know too much? A regular, simple, unnatural pattern in English. *14th Phonetik und Phonologie im deutschsprachigen Raum* , University of Vienna, Germany.
2018	**Kevin Tang** & Faruk Akkus. January, 2018. OCP Effects in Turkish Partial Reduplication: Locality and Feature Specificity. The 15th *Old World Conference in Phonology*, London, United Kingdom.
2017	Ryan Bennett, **Kevin Tang** & Juan Ajsivinac Sian. October, 2017. Laryngeal co-occurrence restrictions in Kaqchikel reflect articulatory timing. *Eighth Conference on Indigenous Languages of Latin America*, University of Texas, USA.
2017	Ryan Bennett & **Kevin Tang**. May, 2017. Laryngeal co-occurrence restrictions reflect sub-segmental articulatory structure. *25th Manchester Phonology Meeting*, University of Manchester, UK.

2017   Ryan Bennett & **Kevin Tang**. January, 2017. Acoustic and lexical effects on speech perception in Kaqchikel (Mayan). The 91st Annual meeting of the *Linguistic Society of America*, Austin, TX, USA. [Handout]

2016   Ryan Bennett & **Kevin Tang**. November, 2016. Perceptual similarity in the stop consonants of Kaqchikel. *Form and Analysis in Mayan Linguistics IV*, Universidad de Oriente, Valladolid, Yucatán, México.

2016   Ryan Bennett & **Kevin Tang**. October, 2016. Against phonetic realism as the source of root co-occurrence restrictions. *Annual Meeting on Phonology*, University of Southern California, Los Angeles, USA. [Handout]

2016   Ryan Bennett & **Kevin Tang**. July, 2016. Modeling phonetic and phonological variation with 'small' data: evidence from Kaqchikel Mayan. *The 15th Conference on Laboratory Phonology*, Cornell University, USA.

2016   John Harris, Nicholas Neasom & **Kevin Tang**. May, 2016(a). Phonotactics with [awt] rules: the learnability of a simple, unnatural pattern in English. *24th Manchester Phonology Meeting*, University of Manchester, UK. [Handout]

2016   Ryan Bennett & **Kevin Tang**. May, 2016. Modeling the production and perception of Kaqchikel Mayan with 'small' data. *24th Manchester Phonology Meeting*, University of Manchester, UK.

2014   **Kevin Tang** & John Harris. September, 2014. A functional load account of geminate contrastiveness: a meta-study. Annual Meeting of the *Linguistics Association of Great Britain*, University of Oxford, UK.

2014   **Kevin Tang**. May, 2014. Using subtitle corpora to model aspects of spoken language. Corpus Linguistics in the South 7: Spoken Language, University College London, UK.

2014   **Kevin Tang** & Yan Lou. January, 2014. Mandarin Chinese speech perception in noise: phonological implications. The 11th *Old World Conference in Phonology*, Amsterdam-Leiden, The Netherlands.

2013   **Kevin Tang**, Sam Green & Stefanie Anyadi. November, 2013. When interdisciplinarity assists peer-learning: PeerWise at UCL. Higher Education Academy (HEA) STEM: Interdisciplinary show case, BBC Broadcast Centre, London, UK. [Slides]

2013   **Kevin Tang**, Andrew Nevins & Michael Becker. January, 2013(a). Prosody drives alternations: evidence from a 61 million word corpus of Brazilian Portuguese. *The 10th Old World Conference in Phonology*, Istanbul, Turkey.

2012   **Kevin Tang** & Andrew Nevins. October, 2012. Naturalistic speech misperception - a computational corpus-based study. The 43rd Annual Meeting of the *North East Linguistic Society*, Computational Linguistics Workshop, New York City, NY, The City University of New York, USA

2012	**Kevin Tang** & Andrew Nevins. May, 2012. Learning from mistakes: computational modelling of slips of the ear. *20th Manchester Phonology Meeting*, University of Manchester, UK.

PEER-REVIEWED POSTERS

2022	**Kevin Tang**, Akhilesh Kakolu Ramarao & Dinah Baer-Henney. May, 2022. Modeling irregular morphological patterns with recurrent neural network: the case of the L-shaped morphome. *13th Mediterranean Morphology Meeting*, University of the Aegean, Greece.
2022	Eric Cooks, Melissa Vilaro, Andrew Maxim, **Kevin Tang**, Shu Wang, Ben Lok, Maryam Sattari, Danyell Wilson-Howard & Janice Krieger. March, 2022. Deploying virtual clinicians to reduce racial disparities in young-onset colorectal cancer: experiences of Black adults with a culturally-tailored telehealth intervention. *46th annual meeting of the American Society of Preventive Oncology (ASPO)*, Tucson, AZ.
2022	Fenqi Wang, Ratree Wayland & **Kevin Tang**. 2022. Native English listeners' processing of pitch accent in the perception of English lexical stress. The 96th Annual Meeting of Linguistic Society of America
2021	Eric Cooks, Melissa Vilaro, Andrew Maxim, **Kevin Tang**, Shu Wang, Ben Lok, Maryam Sattari, Danyell Wilson-Howard & Janice Krieger. December, 2021. Extending the use of a virtual technology intervention to deliver colorectal cancer information to a younger cohort: the case of newly screening-eligible young Black adults. *Annual University of Florida Health Cancer Center Research Symposium*, Gainesville, FL.
2021	**Kevin Tang** & Jason A. Shaw. 2021a. Non-homophonic homophones in Mandarin Chinese: evidence for phonetic detail in the lexicon. *95th Annual Meeting of Linguistic Society of America 2021*, San Francisco, USA.
2021	Alejandro Lopez, Hae Won Kim, Monae McKinney & **Kevin Tang**. 2021. Reducing racial bias in word embeddings with counterfactual data augmentation. *95th Annual Meeting of Linguistic Society of America 2021*, San Francisco, USA. [Student Authors: AL, HWK and MM]
2021	Fenqi Wang, **Kevin Tang** & Jun Lyu. 2021. The effect of pitch accent on the perception of English lexical stress by native and non-native listeners. *95th Annual Meeting of Linguistic Society of America 2021*, San Francisco, USA. [Student Authors: FW and JL]
2020	**Kevin Tang** & Jason Shaw. 2020. Prosody or information rate? informativity effects on pitch, intensity and duration in Mandarin Chinese words. *The 17th Conference on Laboratory Phonology*, University of British Columbia and Simon Fraser University

[2020]   Bronwen Evans, Hope Stevens & **Kevin Tang**. (Postponed due to COVID-19). The centre cannot hold"? phonetic variation and change in a rural east midlands community. *British Association of Academic Phoneticians (BAAP) 2020*, University of York, UK

2020   John Harris, Nicholas Neasom & **Kevin Tang**. Feburary, 2020. Regular does not guarantee categorical: /aw/+coronal in English. *BLS Workshop Phonological representations: at the crossroad between gradience and categoricity*, UC Berkeley, USA.

2019   **Kevin Tang** & Jason Shaw. May, 2018. Sentence prosody leaks into the lexicon: evidence from Mandarin Chinese. *7th Annual Meeting on Phonology 2019*, Stony Brook University, NY, USA.

2019   **Kevin Tang** & Jason Shaw. May, 2018. Sentence prosody leaks into the lexicon: evidence from Mandarin Chinese. *7th Annual Meeting on Phonology 2019*, Stony Brook University, NY, USA.

2019   Hope Stevens Bronwen Evans & **Kevin Tang**. (Offered but Declined), September, 2019. The centre cannot hold"? phonetic variation and change in a rural east midlands community. *2019 Annual Meeting of the Linguistics Association of Great Britain*, Queen Mary University of London, UK.

2018   **Kevin Tang** & Faruk Akkus. May, 2018. OCP effects in Turkish partial reduplication: locality and feature specificity. *26th Manchester Phonology Meeting*, University of Manchester, UK.

2017   **Kevin Tang** & Andrew Nevins. January, 2017. Expectation and lexical retrieval in naturalistic and experimental misperception. The 91st Annual meeting of the *Linguistic Society of America*, Austin, TX, USA. [Poster]

2016   M.M.C. DeMille, J.C. Frijters, **Kevin Tang**, Christopher Geissler, N.R. Powers, B.M. Bowen, A.K. Adams, D.T. Truong & J.R. Gruen. October, 2016. An investigation of the evolution and worldwide distribution of the READ1 element in DCDC2 and its contribution to language development. The 66th Annual Meeting of the *American Society of Human Genetics*, Vancouver, Canada. [Poster]

2015   **Kevin Tang**, Ye Tian, E-L. Schwabe, Jyrki Tuomainen & Judit Druks. January, 2015. Chinese abstract verbs and nouns electrified: behavioural and electrophysiological evidence for grammatical class difference at single word processing level. *Thirty-Third European Workshop on Cognitive Neuropsychology*, Bressanone, Italy. [Poster]

2014   **Kevin Tang** & Brent de Chene. July, 2014. A new corpus of colloquial Korean and its applications. *The 14th Conference on Laboratory Phonology*, Tachikawa, Tokyo, Japan. [Poster]

2013   **Kevin Tang**, Andrew Nevins & Michael Becker. January, 2013(b). Prosody drives alternations: evidence from a 61 million word corpus of Brazilian Portuguese. The 87th Annual Meeting of the *Linguistic Society of America*, Boston, Massachussetts, USA. [Poster]

2022	**Kevin Tang**. April, 2022. Quantifying articulatory precision with deep neural networks. Brown Bag Lunch,the Heine Center for Artificial Intelligence and Data Science, Heinrich-Heine-University Düsseldorf
2022	**Kevin Tang**. Feburary, 2022(a). Computational linguistics in the age of the pandemics and AI: covid as an accelerator of science and fairer speech technology. Digital Humanities Series, Heinrich-Heine-University Düsseldorf
2022	**Kevin Tang**. Feburary, 2022(b). Race against the machine: how linguistics can mitigate racial disparities in healthcare and in technology. Keynote speech at Students' Conference 2022 – Master of Arts in Comparative Studies in English and American Language, Literature and Culture, Heinrich-Heine-University Düsseldorf
2021	**Kevin Tang**, Janice Krieger, Josh Martin & Donghee Lee. April, 2021. A sociolinguistic-enabled ALEX: precision health intervention for African Americans. Precision Public Health meeting (Host: Thomas A. Pearson) (`https://www.ctsi.ufl.edu/about/ctsi-programs/precision-health/`), University of Florida, USA.
2021	**Kevin Tang**. March, 2021. Quantifying lenition: a preliminary study. Interdisciplinary Microsystems Group seminar series (`https://www.img.ufl.edu/`), University of Florida, USA.
2021	**Kevin Tang**. February, 2021. What's in a nonword? methodological challenges in nonword design and analyses. Seminar series "Typical and atypical language acquisition" at the Department of Linguistics, University of Potsdam, Germany.
2020	Raffaele Vacca & **Kevin Tang**. December, 2020. Covid-19, an accelerator of science: Evidence from convergence in collaboration and language. University of Florida Informatics Institute: COVID Seed Awardees Series, University of Florida, FL, USA. [Further info]
2020	**Kevin Tang**, Raffaele Vacca, Till Krenz & Thomas Smith. October, 2020. College of Liberal Arts and Sciences AI Workshop: Natural Language Processing. University of Florida, FL, USA. [Further info]
2020	**Kevin Tang**. October, 2020. Revealing mental representation with small and big data – a corpus-phonetic approach. Seminar at the SFI Centre for Research Training in Digitally-Enhanced Reality (D-REAL), Trinity College Dublin, Ireland.
2019	**Kevin Tang**. Feburary, 2019(a). Predictability and mental representation: evidence from Mayan and Chinese. *Shortlisted Job Talk*, University of Florida, FL, USA.

2019	**Kevin Tang**. Feburary, 2019(b). Predictability and mental representation: evidence from Mayan and Chinese. *Shortlisted Job Talk*, Wayne State University, MI, USA.
2019	**Kevin Tang**. Feburary, 2019(c). Predictability and mental representation: evidence from Mayan and Chinese. *NOSH: New Observations in Speech and Hearing*, Ludwig Maximilian University of Munich, Germany.
2018	**Kevin Tang**. July, 2018(a). Expectation shapes speech production and perception: psycholinguistics with 'small data'. *CRC 1102*, University of Saarland, Germany.
2018	**Kevin Tang**. July, 2018(b). Revealing the representation of phonemes through the lens of the probablistic reduction effect: psycholinguistics with "small data". *SFB Colloquium*, University of Düsseldorf, Germany.
2017	**Kevin Tang**. June, 2017. Experience and expectation predict fine details of perception and production. *Shortlisted Job Talk*, Zhejiang University, China.
2017	**Kevin Tang**. April, 2017. Experience and expectation predict fine details of perception and production. *Shortlisted Job Talk*, National Research University Higher School of Economics, Russia.
2017	**Kevin Tang** & Ryan Bennett. March, 2017. Expectation shapes speech perception in Kaqchikel Mayan: Psycholinguistics with "Small Data". *Staff Talk*, Haskins Laboratories, USA.
2017	**Kevin Tang**. March, 2017(a). Experience and expectation predict fine details of perception and production. *Linguistics and Modern Language (LML) Seminar Series*, The Education University of Hong Kong, China
2017	**Kevin Tang**. March, 2017(b). Experience and expectation predict fine details of perception and production. *Linguistics Seminar Series*, The Hong Kong Polytechnic University, China
2017	**Kevin Tang**. March, 2017(c). Experience and expectation predict fine details of perception and production. *Linguistics Seminar Series*, University of Hong Kong, China
2017	**Kevin Tang**. March, 2017(d). Experience and expectation predict fine details of perception and production. *The Ling-Lang Lunch series*, Brown University, USA.
2017	**Kevin Tang**. March, 2017(e). Pushing the lexicon to its limits. *Shortlisted Job Talk*, University of Essex, UK.
2016	**Kevin Tang**. December, 2016. What is your vision for research-led teaching in corpus linguistics at the undergraduate level? *Shortlisted Job Talk*, University College Dublin, Ireland.

2016	John Harris, Nicholas Neasom & **Kevin Tang**. May, 2016(b). Phonotactics with [awt] rules: the learnability of a simple, unnatural pattern in English. *Cambridge Linguistics Society*, University of Cambridge, UK.
2016	Lawrence Solan, Silvia Dahmen & **Kevin Tang**. March, 2016. Legal indeterminacy in the spoken word. *Linguistics Friday Lunch Time Talk*, Yale University, USA.
2015	Andrew Nevins & **Kevin Tang**. September, 2015. A graceful degradation account of lexical retrieval – evidence from naturalistic misperception. *Linguistics Monday Colloquia*, Yale University, USA.
2014	**Kevin Tang**, Sam Green & Stefanie Anyadi. November, 2014. The importance of peer-learning: a case study on PeerWise. Learning Technology & Innovation Show & Tell, London School of Economics and Political Science, London, UK.
2013	Sam Green & **Kevin Tang**. November, 2013. The importance of peer-learning: a case study on PeerWise. *The 1st Internet of Education conference*, Knowledge 4 All Foundation Ltd (K4A) and the Artificial Intelligence Lab, Jožef Stefan Institute. Ljubljana, Slovenia. [Video: https://goo.gl/jHlPvK]
2013	**Kevin Tang** & Sam Green. May, 2013. Implementing a peer learning tool at UCL – Peerwise. *UCL: Summits and Horizons*: Using technology to give better and faster feedback. University College London, London, UK.

Teaching

Summer 2022   *Methods: Programming for Linguists* (Undergraduate)

Summer 2022   *Advanced: Biased Language Technology in a Social World* (Undergraduate)

Summer 2022   *Masters: Quantitative Methods for Linguistic Data: An Introduction to Statistics using R* (Graduate)

Summer 2022   *Basic: Master Comparative Studies* (Graduate)

W21,S22   *Basic: Introduction to Linguistics* (Undergraduate)

Winter 2021   *Intermediate: Phonetics and Phonology* (Undergraduate)

Winter 2021   *Masters: Introduction to Corpus Phonetics* (Undergraduate)

Winter 2021   *Advanced: Phonetic and Phonological Similarity* (Graduate)

UNIVERSITY OF FLORIDA

Spring 2021   *Sounds of Human Language* (Undergraduate)
Spring   *Introduction to Computational Linguistics* (Undergraduate and Graduate)
2020,2021   Spring 2020's symposium; Spring 2021's symposium
Fall 2020   *Introduction to Graduate Research* (Graduate)
Fall 2019   *Introduction to Phonology* (Undergraduate)
Fall 2019   *LIN6323 Phonology 1* (Graduate)

ZHEJIANG UNIVERSITY

2019   *Introduction to Laboratory Phonology* (Graduate)
2018   *Introduction to Phonetics and Phonology* (Graduate)
2018, 2019   *Introduction to Linguistics* (Undergraduate)

YALE UNIVERSITY

2017   *Quantitative Linguistics using Corpora* (Undergraduate and graduate)
2016   *Topics in Phonology: The Phonetics-Phonology Interface* (Undergraduate and graduate) (with Prof. Ryan Bennett)

UNIVERSITY COLLEGE LONDON

2014   *Introduction to Statistics for Linguists using R* (Graduate) (Instructor)
2012, 2013   *Introduction to Statistics for Linguists using R* (Graduate) (Instructor with Dr. Ye Tian)
2011, 2012   *Introduction to Phonetics and Phonology B* (Undergraduate and graduate) Teaching Assistant (Instructor: Prof. Andrew Nevins.)
2011, 2012   *Introduction to Phonetics and Phonology A* (Undergraduate and graduate) Teaching Assistant (Instructor: Prof. Andrew Nevins.)

INVITED GUEST LECTURES

2017   *Slips of the Ear as a Window into Grammar*

Brown University, USA
Course: CLPS 0050M (Undergraduate), Host: Prof. Scott AnderBois, Date: March 8th 2017

2017   *Sufficient Data, Not 'Big' Data – A case of using 'Small' Data to Model the Production and Perception of Kaqchikel Mayan*
Aristotle University of Thessaloniki, Greece
Course: Computational Linguistics (Graduate), Host: Prof. Alexandros Tantos, Date: June 2nd 2016

Educational training

2013   Certified Member of Association for Learning Technology (CMALT)
CMALT is a portfolio-based professional accreditation scheme developed by Association For Learning Technology to enable people whose work involves learning technology to have their professional experience and capabilities assessed by peers. http://www.alt.ac.uk/cmalt/.

Advising

Mentorship programmes

2022 – Present   *Female early career researchers* – SelmaMeyerMentoring at Heinrich-Heine-University – https://www.mentoring.hhu.de/

2019 – Present   *Undergraduate researchers* – Center for Undergraduate Research at the University of Florida – https://cur.aa.ufl.edu/2020/10/13/kevin-tang-phd-ma-meng/

Ph.D. examiner

2022   Simon Stein (Heinrich-Heine-University Düsseldorf)

2022   Aviad Albert (University of Cologne)

Heinrich-Heine-University Düsseldorf: Graduate: Ph.D. advisor

Winter 21/22 –   Akhilesh Kakolu Ramarao

University of Florida: Graduate: Ph.D. committees

Summer 2022 –   Pedro Guillermo Feijóo-García, Dept. of Computer Science.

Fall 2020 –   Aditya Dutt, Dept. of Computer Science.

Spring 2020 – Spring 2022   Tristan Czarnecki-Verner, Dept. of Linguistics. *Neural oscillations and neural entrainment in speech processing; can rhythmic entrainment overcome prior language experience?*

Fall 2019 – Spring 2022   Joshua Martin, Dept. of Linguistics. *Automatic Speech Recognition Systems, Spoken Corpora, and African American Language: An Examination of Linguistic Bias and Morphosyntactic Features*
Submitted on time. Completed. Now at University of Florida, Instructional Designer

University of Florida: Undergraduate Senior projects – Advisor

Spring 2021   Halee Corbin, Gianfranco Cortes, Simon Frank, Isaiah Linares and Sagar Patel. Computer Science (CSC) – 4914 Senior Design – *AlphaMask: Face Mask Object Detection in Live Video Feed* [Project page]
Submitted on time

University of Florida: Undergraduate Senior theses – Grader

Summer 2020   Hae Won Kim. *Bias in Speech Perception* (Advisor: Dr. Ratree Wayland)
Submitted on time

University of Florida: Undergraduate research projects

Spring Present	2021-	Sophia Vellozzi and Haotian Wang
Fall Present	2020-	Alex Diep, Harrison Santiago
Spring Present	2020-	Robin Fintz (*Emerging Scholar*), Michelle Moyé
Fall Present	2019-	*Universty Research Scholars*: Ryan Aponte, Nancy Chen, Rayyan Merchant and Calvin Yang Mason Collins and Halee Corbin
Past students:		Miranda Ingram (Fall 2020-Spring 2021), Andrew Penton (Spring 2020-Fall 2020), Natalie Furlow (Fall 2019-Fall 2020), Grace Tovkach (Fall 2019-Spring 2020), Alexandra Kcomt (Fall 2019)

Zhejiang University: Graduate: M.A. Dissertations

2017–2019   Qi Xin. *Modelling the nativeness and intelligibility of Mandarin-accented English pronunciation*
Submitted on time

Zhejiang University: Undergraduate research projects

2018–2020   Gong Kaixuan, Yang Jingyi and Du Sixian. *Behavioural databases for phonological research*

Yale University: Graduate Students: Qualifying Papers

2015–2017   Luke Lindemann *Phonological Variation Throughout Texas German: s/ʃ alternation*
Submitted on time

             Martin Fuchs *Syllable weight and antepenultimate stress in Spanish: experimental evidence and phonotactic learning models*

Submitted on time

2013   Carly Morris, *The Effect of Alcohol on Consonant Cluster Reduction*
Distinction and submitted on time (Co-advising with Prof. John Harris)

2013   Mike Hindley, *A Study into the Effect of Alcohol on L2: Germans Speaking English*
Distinction and submitted on time (Co-advising with Prof. Andrew Nevins)

2013   Ji Hye Kwon, *The Effect of Alcohol on the L2 Vowels of Korean L1 Speakers*
Distinction and submitted on time (Co-advising with Prof. Andrew Nevins)

2013   Yan Lou, *Mandarin Chinese Speech Perception in Noise*
Distinction and submitted on time (Co-advising with Prof. Andrew Nevins)

2013   Yuen Lam, *Slips of the Ear in Mandarin Chinese*
Pass and submitted on time (Co-advising with Prof. Andrew Nevins)

Service to the field

GRANT REVIEWING

Ad hoc   National Science Foundation (USA) – 2 grant

ARTICLE REVIEWING – See my peer reviewer's profile at *publons*: publons.com/a/1495542/

Ad hoc   *Frontiers in Artificial Intelligence* (3) – `https://www.frontiersin.org/journals/artificial-intelligence`

(9 journals)   *Journal of the Acoustical Society of America* (1) – `https://asa.scitation.org/journal/jas`
Field Methods (1) – `https://journals.sagepub.com/home/fmx`
PLOS One (3) – `https://journals.plos.org/plosone/`
Linguistics Vanguard (2) – `https://www.degruyter.com/view/journals/lingvan/lingvan-overview.xml`
Journal of Fluency Disorders (4)– `https://www.journals.elsevier.com/journal-of-fluency-disorders/`
Lingua – `https://www.journals.elsevier.com/lingua/` (1, pre-*Glossa*)
Language and Speech (1) – `https://journals.sagepub.com/loi/las`
Muitas Vozes (1) – `https://www.revistas2.uepg.br/index.php/muitasvozes/`
Genes (1) – `https://www.mdpi.com/journal/genes`

ABSTRACT/PAPER REVIEWING FOR CONFERENCES

2020	Annual Meeting on Phonology 2020 , University of California Santa Cruz, USA, September 2020
2020	Interspeech 2020, Shanghai, China, October 2020
2019	Interspeech 2019, Graz, Austra, September 2019
2018	Interspeech 2018, Hyderabad, India, September 2018
2017	92nd Annual Meeting of the Linguistic Society of America , Salt Lake City, USA, January 2018
2017	Interspeech 2017, Stockholm, Sweden, August 2017
2017	ICASSP, The 42nd IEEE International Conference on Acoustics, Speech and Signal Processing, New Orleans, USA, March 2017
2016	Interspeech, San Francisco, USA, September 2016
2016, 2018	Conference of the Student Organisation of Linguistics in Europe (ConSOLE), York, UK
2013, 2015	University College London Graduate Conference in Linguistics, London, UK

CONFERENCE ORGANISER

2020   Florida Linguistics Yearly Meeting 2020: Co-organiser with Ratree Wayland

EDITORIAL BOARD/COMMITTEE MEMBER

2022   Interspeech 2022 satellite event – Cross-linguistic effects of information theoretic factors in interactive communication (CLITIC) (`https://clitic2022.lst.uni-saarland.de/committees.html`)

2020–present   International Editorial Board for *Revista Uniletras* (https://www.revistas2.uepg.br/index.php/uniletras/about/editorialTeam)

2019   International Conference on Humanities and Social Science Research (http://www.ichssr.net/committee)

2013   University College London Working Papers in Linguistics, Volume 25

University service

Spring 2021 –   Member of the University of Florida Health Cancer Center.

Fall 2019 –   Director (with Ratree Wayland and Caroline Wilshire) of the **S**peech **L**exicon and **M**odelling (SLaM) laboratory (`slam.lin.ufl.edu`), University of Florida

Spring 2021   Member of Job Search Committee (an AI Initiative position at Linguistics), University of Florida

Fall 2020   Reviewer for 2021 Research Opportunity Seed Fund for the College of Liberal Arts and Sciences, University of Florida.

2019–2021   Chair of Visiting Scholars Committee, University of Florida https://lin.ufl.edu/people/visiting-scholars/

2019   Organiser (with Ratree Wayland), Florida Linguistics Yearly Meeting (FLYM 2019) –https://lin.ufl.edu/events/flym2020/

2018–2019   Director, Phon-Circle, Zhejiang University

2018–2019   Co-director (with Matthew Reeve), Ling-Lunch, Zhejiang University – https://goo.gl/WPwQ6f

2011–2015   Organiser, Laboratory for Language and Speech Diversions, Director: Prof. Andrew Nevins, University College London – https://www.ucl.ac.uk/llsd

2013–2014   Organiser (with Nicholas Neasom), Phonology Reading Group, University College London – https://www.ucl.ac.uk/pals/research/linguistics/linguistics-events/phonology-reading-group

2011-2012   Student academic representative, M.Phil/Ph.D. in Linguistics, University College London

Professional affiliations

2014–Present   Member, Association for Laboratory Phonology (LabPhon)

2013–Present   Member, Linguistic Society of America (LSA)

2021–Present   Member, Societas Linguistica Europaea (SLE)

Experimental–Computational skills

Programming	Python & Matlab
Data collection	Lab-experiment: PsychoPy; Web-experiment: jspsych, Experigen (https://github.com/tlozoot/experigen) & Amazon Mechanical Turk
Data analysis	R Statistical Software, Praat, Forced-Alignment, EEGLAB & ERPLAB
Document	LaTeX, Markdown & {Microsoft, Open} Office
OS	Unix/Linux(Terminal) & Windows

Languages

English	Fluent	
Cantonese	Advanced	Heritage
Mandarin Chinese	Advanced	Courses at Cambridge University Engineering Language Department, 2006–2008.
Modern Greek	Intermediate	Level 2/5 course at University of Cyprus. July–Aug 2009.
Spanish	Beginner	A1 course at El Instituto Salmantino de Lenguas Aplicadas, Spain, Aug–Sep 2007.
German	Beginner	A1 course at Heinrich-Heine-University Düsseldorf, 2021.

Industry employment

Sep–Dec 2013	Altitude Education Ltd, London, UK – E-Learning Position: Linguistic consultant (Part-time) Description: Examined and restructured the English phonics encoding for the *Pippop* phonics course app (www.pippoplearning.com) Manager: Alexander Thompson
July–Aug 2008	Hyder Consulting, Hong Kong – Engineering consultancy Position: Summer Trainee (Part-time) Description: Site investigation, report writing, administrative work
2005–2006	Oxford Danfysik (now FMB Oxford), Oxford, UK – Specialist in synchrotron components. Position: Year In Industry Student (Full-time) Description: Co-founded a project for automatic testing of novel high resolution X-ray optics using Matlab, which subsequently reached finals of the IET Innovation Awards 2009. This software enables unattended motion testing of synchrotron components which allows 70% of the company's testing to be automated and gives an approximate annual saving of £20,000. Mentor: Dr. Alexander Babkevich