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Ph.D. (UCL), M.A. (UCL)
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CMALT, FYAE

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Academic employment

- Sept. 2021 – Heinrich-Heine-University Düsseldorf, Germany
Department of English Language and Linguistics, Institute of English and American Studies, Faculty of Arts and Humanites
University Professor in English Linguistics with specialisations in Phonetics/Phonology/Morphology (W2, Tenured)
- August 2021 – University of Florida, Gainesville, Florida, USA
Department of Linguistics
Courtesy Assistant Professor in Computational Language Science
- 2019-2021 University of Florida, Gainesville, Florida, 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, Connecticut, USA
Postdoctoral Associate in Linguistics
SUPERVISOR: Ryan Bennett

Elected fellowship

- 2025–Present **Fellow of the Young Academy of Europe**
Election criteria: obtained their doctorate less than 12 years ago, scientific excellence recognized by their peers, leadership abilities, scientific independence, and an interest in pan-European or international cooperation

Previous professorship calls with a list place (‘Listenplatz’)

- 2023 Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
Department of English, American and Romance Studies, Institute of English and American Studies
Position: W3 (Tenured) University Professor in Digital Linguistics specializing in Big Data
- 2021 Heinrich-Heine-University Düsseldorf, Germany
Department of English Language and Linguistics, Institute of English and American Studies
Position: W2 (Tenured) University Professor in English Linguistics with specialisations in Phonetics/Phonology/Morphology

Leadership position

- October 2024 – Head of Study Programme (Studiengangsleitung), Bachelor of Arts English and American Studies, Institute of English and American Studies, Heinrich-Heine-University Düsseldorf, Germany (<https://www.anglistik.hhu.de/studium-bachelor-of-arts>)
- October 2022 – Chair (Geschäftsführer) of Institute of English and American Studies, Heinrich-September 2024 Heine-University Düsseldorf, Germany (<https://www.anglistik.hhu.de/>)
- October 2022 – Central Point of Contact for Amazon Web Services ([aws](https://aws.amazon.com/training/awsacademy/)) academy at Heinrich-Heine-University Düsseldorf, Germany (<https://aws.amazon.com/training/awsacademy/>)

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.

Professional training

- 2025 – Present **The Extension Module of North Rhine-Westphalian (NRW) Certificate of Professional Competence for Academic Teaching**
Status: In progress (0 out of 60 work units)
- 2024 **The Basic Module of North Rhine-Westphalian (NRW) Certificate of Professional Competence for Academic Teaching**
Status: Completed 80 out of 80 work units
Breakdown: Design for How People Learn: Academic Teaching in Higher Education (50 units); “Intercultural Competence for University Lectures” (8 units); “Guiding Students and Efficiently Organising Office Hours” (8 units); “Legible handwriting for teaching” (2 units); “Beyond Mere Breakout Sessions: Ensuring Productive Cooperation in Online Learning” (6 units); “Portfolio: documentation and reflection of the learning process” (6 units)
- 2023 Workshop (2 hours): “Male Ally Training” with Dr. Bettina Palazzo, organised by Junior Scientist and International Researcher Center (HHU)
- 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/>.

Publications/Products


PATENTS/COPYRIGHTS

- Patent Pending **Kevin Tang**, Yong Kyu Yoon, Ratree Wayland, Lori J Altmann, Saeyeong Jeon & Sunghyun Hwang. 2021. Smart pseudo-palate for linguistic and biomedical applications. US Patent App. 17/351,54. <https://imageppubs.uspto.gov/dirsearch-public/print/downloadPdf/20210393193>

EDITED BOOKS AND VOLUMES


















- 2024 Ratree Wayland, Si Chen & **Kevin Tang** (eds.). 2024. *Linguistic biomarkers of neurological, cognitive, and psychiatric disorders: verification, analytical validation, clinical validation, and machine learning*. Lausanne: Frontiers Media SA. <http://dx.doi.org/10.3389/978-2-8325-5297-1>

JOURNAL ARTICLES OR CHAPTERS (PUBLISHED OR ACCEPTED)

[To improve reproducibility and replicability, wherever possible, the supplementary materials  will include the data and the analysis scripts.]

- In press Ratree Wayland, **Kevin Tang** & Rahul Sengupta. In press. Acquisition of similar versus different speech rhythmic class. In Lars Meyer & Antje Strauss (eds.), *Rhythms of Speech and Language: Culture, Cognition, and the Brain*, chap. 39. (Preprint: <https://doi.org/10.31234/osf.io/9fuy8>). Cambridge University Press, Cambridge [Preprint:  pdf |  bib]
- 2024 Alexis Davis, Joshua Martin, Eric Cooks, Melissa Vilaro, Danyell Wilson-Howard, **Kevin Tang** & Janice Raup Krieger. 2024. From English to “Englishes”: a process perspective on enhancing the linguistic responsiveness of culturally tailored cancer prevention interventions. *Journal of Participatory Medicine* 16. e57528. <http://dx.doi.org/10.2196/57528> [Student Author: AD, Senior authors: KT and JK]  pdf |  bib]
- 2024 Ratree Wayland, Rachel Meyer, Ruhi Reddy, **Kevin Tang** & Karen W. Hegland. 2024. Quantifying lenition as a diagnostic marker for Parkinson’s Disease and Atypical Parkinsonism. *BioMedInformatics* 4(4). 2287–2305. <http://dx.doi.org/10.3390/biomedinformatics4040123> [Student Authors: RM, RR]  pdf |  bib]
- 2024 Ratree Wayland, Rachel Meyer, Sophia Vellozzi & **Kevin Tang**. 2024. Lenition in L2 Spanish: the impact of study abroad on phonological acquisition. *Brain Sciences* 14(9). <http://dx.doi.org/10.3390/brainsci14090946> [SCIE] [Student Author: RM, SV]  pdf |  bib]
- 2024 John Harris, Eno-Abasi Urua & **Kevin Tang**. 2024. A unified model of lenition as modulation reduction: gauging consonant strength in Ibibio. *Phonology*. 1–30. <http://dx.doi.org/10.1017/S095267572400006X> [SSCI, A&HCI] [Corresponding author]  pdf |  bib |  materials]
- 2024 **Kevin Tang**, Ratree Wayland, Fenqi Wang, Sophia Vellozzi & Rahul Sengupta. 2024. Evaluating the consistency of lenition measures: Neural networks’ posterior probability, intensity velocity, and duration. *The Journal of the Acoustical Society of America* 156(2). 1367–1379. <http://dx.doi.org/10.1121/10.0028299> [Student Author: SV, RS] [First and corresponding author]  pdf |  bib |  materials]
- 2024 Ratree Wayland, **Kevin Tang** & Si Chen. 2024. Editorial: linguistic biomarkers of neurological, cognitive, and psychiatric disorders: verification, analytical validation, clinical validation, and machine learning. *Frontiers in Psychology* 15. <http://dx.doi.org/10.3389/fpsyg.2024.1454225>  pdf |  bib]
- 2024 Audrey Zhang, Fjorda Kazazi, **Kevin Tang** & Peter Howell. 2024. Interplay of mental state, personality, and popularity among peers in shaping belongingness of first-year students: a cross-sectional study. *PLOS Mental Health* 1(2). 1–18. <http://dx.doi.org/10.1371/journal.pmen.0000019> [Student Author: AZ, FK]  pdf |  bib |  materials]

- 2024 Sarah Moeller, Alexis Davis, Wilermine Previlon, Michael Bottini & **Kevin Tang**. 2024. Compiling a corpus of African American language from oral histories. *Research in Corpus Linguistics* 12(2). (Equal contribution authorship: SM and KT; Senior and corresponding authors: SM and KT), 45–79. <http://dx.doi.org/10.32714/ricl.12.02.04> [Student Authors: AD, MB, WP] [SJR: Q2] [ pdf] | [ bib] | [ materials]
- 2024 Xiaoyi Tian, Amanda E. Griffith, Zane Price, Kristy Elizabeth Boyer & **Kevin Tang**. 2024. Investigating linguistic alignment in collaborative dialogue: a study of syntactic and lexical patterns in middle school students. *Language and Speech* 0(0). 00238309241234565. <http://dx.doi.org/10.1177/00238309241234565> [Student Author: XT, AG, ZP] [Corresponding author] [ pdf] | [ bib] | [ materials]
- 2024 Fenqi Wang, Delin Deng, **Kevin Tang** & Ratree Wayland. 2024. The effect of pitch accent on the perception of English lexical stress: evidence from English and Mandarin Chinese listeners. *Languages* 9(3). <http://dx.doi.org/10.3390/languages9030087> [ESCI] [ pdf] | [ bib]
- 2024 Liam Barrett, **Kevin Tang** & Peter Howell. 2024. Comparison of performance of automatic recognizers for stutters in speech trained with event or interval markers. *Frontiers in Psychology* 15. <http://dx.doi.org/10.3389/fpsyg.2024.1155285> [SSCI] [Student Author: LB] [ pdf] | [ bib] | [ materials] (Part of the **Fluency In School Team** project: www.fistproject.org)
- 2023 Peter Howell, Clarissa Sorger, Roa’a Alsulaiman, Kaho Yoshikawa, John Harris & **Kevin Tang**. 2023. Factors affecting judgment accuracy when scoring children’s responses to non-word repetition stimuli in real time. *International Journal of Language & Communication Disorders* n/a(n/a). <http://dx.doi.org/10.1111/1460-6984.12954> [SSCI, SCI Expanded] [Student Author: CS, RA, KY] [Joint corresponding author] [ pdf] | [ bib] | [ materials] (Part of the **Fluency In School Team** project: www.fistproject.org)
- 2023 **Kevin Tang** & Faruk Akkus. 2023. Identity avoidance in Turkish partial reduplication: feature specificity and locality. *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 14. <http://dx.doi.org/10.16995/labphon.6459> [SSCI, A&HCI] [First and corresponding author] [ pdf] | [ bib] | [ materials]
- 2023 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi & Rahul Sen Gupta. 2023d. Quantitative acoustic versus deep learning metrics of lenition. *Languages* 8(2). (Equal contribution: Wayland, Tang and Wang). <http://dx.doi.org/10.3390/languages8020098> [ESCI] [Student Author: SV, FQ, RS] [ pdf] | [ bib]

- 2023 **Kevin Tang** & Dinah Baer-Henney. 2023. Modelling L1 and the artificial language during artificial language learning. *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 14(1). 1–54. <http://dx.doi.org/10.16995/labphon.6460> [SSCI, A&HCI] [ESCI] [First and corresponding author]  pdf |  bib |  materials]
- 2023 **Kevin Tang**, Ratreë Wayland, Fenqi Wang, Sophia Vellozzi, Rahul Sengupta & Lori Altmann. 2023. From sonority hierarchy to posterior probability as a measure of lenition: the case of Spanish stops. *The Journal of the Acoustical Society of America* 153(2). 1191–1203. <http://dx.doi.org/10.1121/10.0017247> [SCI, SCI Expanded] [Student Author: SV, FQ, RS] [First and corresponding author]  pdf |  bib]
- 2022 **Kevin Tang**, Charles B. Chang, Sam Green, Kai Xin Bao, Michael Hindley, Young Shin Kim & Andrew Nevins. 2022. Intoxication and pitch control in tonal and non-tonal language speakers. *JASA Express Letters* 2(6). 065202. <http://dx.doi.org/10.1121/10.0011572> [ESCI] [Student Author: KXB and MH] [First author]  pdf |  bib |  materials |  publicity]
- 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]  pdf |  bib |  materials]
- 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]  pdf |  bib]
- 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> [SSCI] [Student Authors: LYC, KY, HT, TW] [Corresponding author]  pdf |  bib |  materials]
(Part of the **Fluency In School Team** 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> [SCI Expanded] [First author]  pdf |  bib |  materials |  publicity]

- 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> [SCI, SCI Expanded] [First and corresponding author]  pdf |  bib]
- 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> [SSCI, A&HCI] [Corresponding author]  pdf |  bib]
- 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. World-wide 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> [SCI] [Second author]  pdf |  bib |  materials |  publicity]
- 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> [SSCI, SCI Expanded] [Second author]  pdf |  bib |  materials] (Part of the **Fluency In School Team** 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). (Equal contribution authorship: Nevins, Rodrigues and Tang), 101–155. <http://dx.doi.org/10.1515/probus-2015-0002> [SSCI, A&HCI]  pdf |  bib]

PROCEEDING ARTICLES (PUBLISHED OR ACCEPTED)

- Accepted Lian Remme & **Kevin Tang**. 2025. Playing with voices: tabletop role-playing game recordings as a diarization challenge. In *Findings of the Association for Computational Linguistics: NAACL 2025*. (Preprint available on <https://arxiv.org>). New Mexico, USA: Association for Computational Linguistics. <http://dx.doi.org/10.48550/arXiv.2502.12714>. Forthcoming [Student Author: LR] [Senior author: KT]

- Accepted Rahul Porwal, Alice Rozet, Pryce Houck, Jotsna Gowda, Sarah Moeller & **Kevin Tang**. 2025. Analysis of LLM as a grammatical feature tagger for African American English. In *Findings of the Association for Computational Linguistics: NAACL 2025*. (Preprint available on <https://arxiv.org>). New Mexico, USA: Association for Computational Linguistics. <http://dx.doi.org/10.48550/arXiv.2502.06004>. Forthcoming [Student Authors: RP, AR, PH, JG] [Senior authors: SM, KT]
- 2024 Anna Stein & **Kevin Tang**. 2024. Modeling probabilistic reduction across domains with Naive Discriminative Learning. In *Proc. Interspeech 2024*, 4253–4257. ISCA. <http://dx.doi.org/10.21437/interspeech.2024-1118> [Student Author: AS; Senior author: KT]  pdf |  bib |  materials]
- 2024 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi, Rachel Meyer & Rahul Sengupta. 2024b. Neural network-based measure of consonant lenition in Parkinson’s Disease. *Proceedings of Meetings on Acoustics* 52(1). 060003. <http://dx.doi.org/10.1121/2.0001913> [Student Author: RM, SV, RS]  pdf |  bib]
- 2024 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi, Rachel Meyer & Rahul Sengupta. 2024a. Neural network-based measure of consonant lenition in L2 Spanish. *Proceedings of Meetings on Acoustics* 52(1). 060001. <http://dx.doi.org/10.1121/2.0001881> [Student Author: RM, SV, RS]  pdf |  bib]
- 2024 Rayyan Merchant & **Kevin Tang**. 2024a. ParsText: a digraphic corpus for Tajik-Farsi transliteration. In Kyle Gorman, Emily Prud’hommeaux, Brian Roark & Richard Sproat (eds.), *Proceedings of the Second Workshop on Computation and Written Language (CAWL) @ LREC-COLING 2024*, 1–7. Torino, Italia: ELRA & ICCL. <https://aclanthology.org/2024.cawl-1.1> [Student Author: RM]  pdf |  bib |  materials]
- 2024 Wilermine Previlon, Alice Rozet, Jotsna Gowda, Bill Dyer, **Kevin Tang** & Sarah Moeller. 2024a. Leveraging syntactic dependencies in disambiguation: the case of African American English. In Nicoletta Calzolari, Min-Yen Kan, Veronique Hoste, Alessandro Lenci, Sakriani Sakti & Nianwen Xue (eds.), *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*, 10403–10415. Torino, Italia: ELRA & ICCL. <https://aclanthology.org/2024.lrec-main.909> [Student Authors: WP, AR, JG, BD, Senior authors: KT and SM]  pdf |  bib |  materials]

- 2023 Jessica Nieder & **Kevin Tang**. 2023a. “Kriech nicht da rein!” - a new corpus of naturalistic misperception of German misheard sung speech. In Radek Skarnitzl & Jan Volín (eds.), *Proceedings of the 20th International Congress of Phonetic Sciences, Prague 2023*, 506–510. Guarant International [ pdf |  bib |  data |  analyses]
- 2023 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi & Rahul Sengupta. 2023a. Measuring gradient effects of alcohol on speech with neural networks’ posterior probability of phonological features. In Radek Skarnitzl & Jan Volín (eds.), *Proceedings of the 20th International Congress of Phonetic Sciences, Prague 2023*, 863–867. Guarant International [Student Authors: SV, FQ, RS] [ pdf |  bib]
- 2023 Charles B. Chang, **Kevin Tang** & Andrew Nevins. 2023a. Individual differences in vowel compactness persist under intoxication across first and second languages. In Radek Skarnitzl & Jan Volín (eds.), *Proceedings of the 20th International Congress of Phonetic Sciences, Prague 2023*, 1182–1186. Guarant International [ pdf |  bib |  materials]
- 2023 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi & Rahul Sengupta. 2023c. Neural networks’ posterior probability as measure of effects of alcohol on speech. *Proceedings of Meetings on Acoustics* 51(1). 060001. <http://dx.doi.org/10.1121/2.0001764>. <https://doi.org/10.1121/2.0001764> [Student Author: SV, FQ, RS] [ pdf |  bib]
- 2023 Cheonkam Jeong, Dominic Schmitz, Akhilesh Kakolu Ramarao, Anna Sophia Stein & **Kevin Tang**. 2023. Linear Discriminative Learning: a competitive non-neural baseline for morphological inflection. In *Proceedings of the 20th SIGMORPHON workshop on Computational Research in Phonetics, Phonology, and Morphology*, 138–150. (Equal contribution authorship: CJ, DS and AKR; Senior and corresponding author: KT). Toronto, Canada: Association for Computational Linguistics. <https://aclanthology.org/2023.sigmorphon-1.16> [ pdf |  bib |  materials]
- 2022 Jason Shaw & **Kevin Tang**. 2022. A dynamic neural field model of leaky prosody: proof of concept. In Noah Elkins, Bruce Hayes, Jinyoung Jo & Jian-Leat Siah (eds.), *Proceedings of the Annual Meetings on Phonology*. Washington, DC. <http://dx.doi.org/10.3765/amp.v10i0.5442> [ pdf |  bib |  materials]
- 2022 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi & Rahul Sengupta. 2022. Lenition measures: neural networks’ posterior probability vs. acoustic cues. *Proceedings of Meetings on Acoustics* 50(1). 060002. <http://dx.doi.org/10.1121/2.0001728> [Student Author: SV, FQ, RS] [ pdf |  bib]

- 2022 Akhilesh Kakolu Ramarao, Yulia Zinova, **Kevin Tang** & Ruben van de Vijver. 2022. 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*, 236–239. Seattle, Washington: Association for Computational Linguistics. <https://aclanthology.org/2022.sigmorphon-1.24> [Student Author: AKR] [Senior author] [ pdf |  bib]
- 2022 Harrison Santiago, Joshua Martin, Sarah Moeller & **Kevin Tang**. 2022. 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*, 70–75. Dublin, Ireland: Association for Computational Linguistics. <http://dx.doi.org/10.18653/v1/2022.ltedi-1.9>. <https://aclanthology.org/2022.ltedi-1.9> [Student Authors: HS, JM] [Senior author] [ pdf |  bib |  materials]
- 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. In Kalika Bali, Alan W. Black, Rupesh Kumar Mehta, Tamar Solorio, Victor Soto, Sunayana Sitaram & Emre Yilmaz (eds.), *Proceedings of First Workshop on Speech Technologies for Code-switching in Multilingual Communities 2020* (WSTCSMC 2020). Virtual, Online [Student Authors: AP and PG] [ pdf |  bib]
- 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 |  bib |  materials]

- 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) [\[pdf\]](#) | [bib](#) | [materials](#)

SELECTED PUBLISHED CONFERENCE ABSTRACTS

- 2024 Anh Kim Nguyen & **Kevin Tang**. 2024. The effect of word segmentation and phonological neighbours on spoken word recognition in Mandarin Chinese. In Taehong Cho, Ki-Jeong Lee, Sahyang Kim, Jeff Holliday & Sang-Im Lee-Kim (eds.), *Proceedings of the 19th conference on laboratory phonology* (Laboratory Phonology 19), 275–276. Seoul, South Korea: Hanyang Institute for Phonetics & Cognitive Sciences of Language (HIPCS)
- 2023 **Kevin Tang**, Ratree Wayland, Fenqi Wang, Sophia Vellozzi & Rahul Sengupta. 2023. Quantitative acoustic versus deep learning metrics of lenition. In T. Pistor, C. Steiner, F. Tomascheck & A. Leemann (eds.), *Book of Abstracts der 19. Tagung Phonetik und Phonologie im deutschsprachigen Raum, 06.-07.10.2023, Universität Bern*, 42–43. Bern: Bern Open Publishing. <http://dx.doi.org/10.48350/186731>
- 2022 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi, Rahul Sengupta & Lori Altman. 2022. Lenition measures: neural networks' posterior probability versus acoustic cues. *The Journal of the Acoustical Society of America* 152(4). A59–A59. <http://dx.doi.org/10.1121/10.0015542>. <https://doi.org/10.1121/10.0015542>

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 [\[pdf\]](#) | [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 [\[pdf\]](#) | [bib](#)

ARTICLES (SUBMITTED, IN REVISION, REVISED & RESUBMITTED)



- Under review Ratree Wayland, Rachel Meyer & **Kevin Tang**. Under review. [ANONYMISED]. *Interspeech 2025* [Student Author: RM]
- Under review Dana Serditova, **Kevin Tang** & Jochen Steffens. Under review. [ANONYMISED]. *Interspeech 2025*
- Under review Hamid Mojarad & **Kevin Tang**. Under review. [ANONYMISED]. *Interspeech 2025* [Student Author: HM]

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|--------------|---|
| Under review | Anna Sophia Stein & Kevin Tang . Under review. [ANONYMISED]. <i>Inter-speech 2025</i> [Student Author: AS] |
| Under review | Akhilesh Kakolu Ramarao, Dinah Baer-Henney & Kevin Tang . Under review. [ANONYMISED]. <i>Association for Computational Linguistics</i> [Student Author: AKR] [Senior author: KT] |
| Under review | Rayyan Merchant, Akhilesh Kakolu Ramarao & Kevin Tang . Submitted. Connecting the Persian-speaking world through transliteration [Student Authors: RM, AKR; Senior Author: KT] |
| Under review | Jochen Steffens, Patrick Blättermann, Maximilian Sattler & Kevin Tang . Under review. How does a credible voice sound? [Student Authors: MS; Joint Senior and Corresponding Authors: JS, KT] |
| In revision | Alexis Davis, Christina Jean Phillipe, Shelbee Mitton, Ryan Cheves, Adolfo Romero, Rebekah Anne Cordova, Deborah Hendrix, Paul Ortiz, Sarah Moeller & Kevin Tang . In revision. A meeting of two worlds: oral history and linguistic fieldwork – the case of African American Language [Student Authors: AD, CJP, SM, RC, AR; Senior Authors: SM and KT] |
| Submitted | Ratree Wayland, Rachel Meyer, Sophia Vellozzi & Kevin Tang . 'Submitted'. Individual differences in language acquisition: the impact of study abroad on native English speakers learning Spanish [Corresponding author: KT; Student Author: RM, SV] |

MANUSCRIPTS IN PREPARATION

| | |
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| In prep. | Anh Kim Nguyen & Kevin Tang . In prep. Misperceptions of spoken words: data from mandarin monosyllabic words |
| In prep. | Ratree Wayland Kevin Tang, Karen W. Hegland & Yonghee Oh. In prep. Temporal and spectral intensity variability in typical and atypical parkinsonism |
| In prep. | Kevin Tang , Ye Tian, Jyrki Tuomainen, Judit Druks & Katja Biermann-Ruben. In prep. PSYCHI-GRAM: a psycholinguistic database of Mandarin Chinese nouns and verbs for grammatical class research |
| In prep. | Kevin Tang & Jason A. Shaw. In preparation. Homophones are not homophonic in Mandarin Chinese |
| 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 |  bib]
This thesis yielded a new corpus containing $\approx 5,000$ instances of naturally occurring misperception of conversational English. Please see the SEAR (Slips of the **EAR**) Project for more details: www.searproject.org

EDUCATIONAL RESOURCES

- 2024 Lara Rüter, Julika Weber, Christopher Geissler & **Kevin Tang.** 2024. *Project Report – Interactive web-based review units for phonetics and phonology*. <http://dx.doi.org/10.31234/osf.io/74x6p>. osf.io/preprints/psyarxiv/74x6p [ Poster]
- 2023 Lara Rüter, Julika Weber, Christopher Geissler & **Kevin Tang.** 2023. *Course content of “Interactive web-based review units for phonetics and phonology”*. Open Science Framework. Available also at <https://www.twillo.de/edu-sharing/components/render/139c131a-a8a5-4b2e-852c-3f6b8a7b57a4>. <http://dx.doi.org/10.17605/OSF.IO/KJNAD> [Student authors: LR and JW; Senior and corresponding authors: CG and KT] [License: 
- 2023 **Kevin Tang,** Akhilesh Kakolu Ramarao & Anna Sophia Stein. 2023. *Course content of “FOSStering Digital Humanities through Accent Diversity & Conversational Devices”*. Open Science Framework. <https://osf.io/2cg9z/> [Student authors: AKR and ASS; Senior and corresponding author: KT]

RESEARCH TOOLS

- 2025 **Kevin Tang.** 2025. *Praat Toolkit*. <https://osf.io/8qaxp/>. <http://dx.doi.org/10.17605/OSF.IO/8QAXP>
- 2018 **Kevin Tang.** 2018. *Linger Toolkit*. <https://osf.io/v59gr/>. <http://dx.doi.org/10.17605/OSF.IO/V59GR>

Grants and awards

WHILE AT HEINRICH-HEINE-UNIVERSITY DÜSSELDORF

- 2025 Education Grant. **€11,218. e-Learning support fund**, Heinrich-Heine-University Düsseldorf. “AI Literacy for Machine Translation: Critical Reflection of Biases and Parallel Corpora for Multilingual Literary Texts”. Co-applicant: Dr. Hannah Pardey [\[Further info\]](#)
- 2025 Teaching Nomination. **Nominierungen für den Lehrpreis 2025**. Service-Center für gutes Lehren und Lernen, Heinrich-Heine-University Düsseldorf. “Laboratory Phonology” and “Phonetics and Phonology”. [\[Further info\]](#)
- 2024–2025 Research Grant. **\$99,956**. American Council of Learned Societies. Digital Justice Development Grants. “Reanimating African American Oral Histories of the Gulf South: Enhancing Public Engagement”. Funding awarded to Sarah Moeller (Linguistics). Role: Principal member of the project team with Anna Hamilton and Rebekah A. Cordova (Education) [\[Further info\]](#) (Own share: None)
- 2024 Education Grant. **€10,429. e-Learning support fund**, Heinrich-Heine-University Düsseldorf. “Computational Methods for the Study of Multilingual Literary Texts”. Co-applicant: Dr. Hannah Pardey [\[Further info\]](#)
- 2024 Teaching Nomination. **Nominierungen für den Lehrpreis 2024**. Service-Center für gutes Lehren und Lernen, Heinrich-Heine-University Düsseldorf. “Language and Health” and “Phonetics and Phonology”. [\[Further info\]](#) [\[Quote from students\]](#)
- 2023 Education Grant. **€9,728. e-Learning support fund**, Heinrich-Heine-University Düsseldorf. “Choose Your Own Adventure: Teleporting to a Virtual Phonetics Laboratory”. Co-applicant: Eoin O’Reilly and Christopher Geissler [\[Project page\]](#) [\[Grant info\]](#)
- 2022 Teaching Nomination. **Nominierungen für den Lehrpreis 2022**. Service-Center für gutes Lehren und Lernen, Heinrich-Heine-University Düsseldorf. “Quantitative Methods for Linguistic Data: An Introduction to Statistics using R”. [\[Further info\]](#) [\[Quote from students\]](#)
- 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 [\[Project page\]](#) [\[Grant info\]](#)
- 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 [\[Project page\]](#) [\[Grant info\]](#) [\[Report\]](#) | [\[Poster\]](#)

WHILE AT UNIVERSITY OF FLORIDA

| | |
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| 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) [Project page] [Further info 1] [Further info 2] |
| 2020–2023 | Research Grant. \$750,000 . National Science Foundation (Award ID: 2037266). “Smart Electropalatography for Linguistic and Medical Applications (SELMA)”. Co-PI with Yong-Kyu Yoon (Engineering), Ratree Wayland (Linguistics) and Lori J. Altmann (Speech, Language, and Hearing Sciences) [Project page] [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

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| 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 |
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WHILE AT YALE (POST-DOC)

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| 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)

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| 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)

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| 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

SCIENCE EVENTS WITH DEMONSTRATIONS

- 2024 **Kevin Tang**, Dalia Carvalho Rodrigues, Vittorio Ciccarelli & The Speech, Lexicon, and Modeling lab. 2024. Sprachwissenschaft in Aktion: Studierende als Forscher*innen (English: linguistics in action: students as researchers). In *Nacht der Wissenschaft*. Shadowplatz, Düsseldorf. <https://www.nachtderwissenschaft-duesseldorf.de/> [Event report] [Virtual booth]
- 2022 **Kevin Tang**, Anh Kim Nguyen, Christopher Geissler & The Speech, Lexicon, and Modeling lab. 2022. Role of linguistics in AI for social good. In *Nacht der Wissenschaft*. Shadowplatz, Düsseldorf. <https://www.nachtderwissenschaft-duesseldorf.de/> [Event report] [Virtual booth]

SCIENCE EVENTS WITHOUT DEMONSTRATIONS

- 2025 **Kevin Tang**. May, 2025. A slip 'twixt the pint and the tongue: the link between alcohol and speech. *Pint of Science, Düsseldorf, Germany*. <https://pintofscience.de/events/duesseldorf> [Presenting own work: **K. Tang**, C. B. Chang, Green, Bao, Hindley, Y. S. Kim & Nevins (2022), C. Chang, **K. Tang** & Nevins (2023a), Wayland, **K. Tang**, F. Wang, Vellozzi & Sengupta (2023a)]
- 2025 Lian Remme. April, 2025. Playing with voices: tabletop role-playing game recordings as a diarization challenge. *Science Slam in der Zentralbibliothek, Düsseldorf, Germany* [Collaborator presenting joint work: **Remme & K. Tang** (2025)]
- 2025 **Kevin Tang**. March, 2025. What's in a slip of the tongue? using articulatory-informed ai models to understand neurological disorders, intoxication, and second language accent. *Brain Awareness Week, Heinrich Heine University Düsseldorf, Germany*. <https://www.ling.hhu.de/en/departments/linguistik-iv-psycho-und-neurolinguistik/brain-awareness-week> [Part of the Brain Awareness Week organised by Pamela Villar González]

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

- 2022 Avery Thompson. 2022. Tonal language speakers experience less vocal impairment from alcohol. *AIP Scilight*. <http://dx.doi.org/doi.org/10.1063/1.0013392>. <https://aip.scitation.org/doi/10.1063/1.0013392/>
- 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
- 2015 M.C. Carmo & **Kevin Tang**. 2015. Alternância, ‘auternância’ ou ‘arternância’: variação dos sons da fala. *Diário da Região*. 28 February 2015, 4C–4C [Article: <https://goo.gl/QT6WKQ>]

Presentations

PEER-REVIEWED TALKS

- 2024 Akhilesh Kakolu Ramarao, **Kevin Tang** & Dinah Baer-Henney. N.d. A computational approach to understanding the cognitive reality of morphomic patterns: the case of L-shaped morphemes in Spanish. Annual Meeting of Linguistics Association of Great Britain and Northern Ireland, Newcastle University, United Kingdom [Student Authors: AKR]
- 2024 **Kevin Tang**, Sarah Moeller & Alice Rozet. 2024. Automatic detection of morphosyntactic dialect features in African American English oral histories. MODIFIED: Morphosyntactic Dialect Feature Detection Workshop, Leiden University, The Netherlands [Student Authors: AR]
- 2024 Janice Krieger, **Kevin Tang**, Alexis Davis, Joshua L. Martin, Eric Cooks, Melissa J. Vilaro & Danyell Wilson-Howard. 2024. From English to “Englishes”: a process perspective on enhancing the linguistic responsiveness of culturally tailored cancer prevention interventions. The 18th International Conference on Language and Social Psychology (ICLASP18:2024), Tallinn University, Estonia [Student Authors: AD]

- 2023 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi & Rahul Sen-
gupta. 2023b. Measuring gradient effects of alcohol on speech with neural net-
works’ posterior probability of phonological features. The 20th International
Congress of Phonetic Sciences, Prague, Czech Republic [Student Authors: FW,
SV, RS]
- 2023 Jessica Nieder & **Kevin Tang**. 2023c. A corpus study of naturalistic misper-
ceptions in German sung speech. Phonetics and Phonology in Europe 2023,
Radboud University in Nijmegen, the Netherlands
- 2023 Rayyan Merchant & **Kevin Tang**. 2023a. Connecting the Persian-speaking
world through transliteration. North American Conference in Iranian Linguis-
tics 3 [Student Author: RM]
- 2023 Akhilesh Kakolu Ramarao, **Kevin Tang** & Dinah Baer-Henney. January,
2023. Can Neural Networks learn human-like behavior when inflecting verbs?
the case of Spanish. Shortlisted presentation at the Five-Minute linguist com-
petition, *Linguistic Society of America 97th Annual Meeting 2023*, Denver,
CO, USA [Student Author: AKR]
- 2022 Jason Shaw & **Kevin Tang**. October, 2022. A dynamic neural field model of
leaky prosody: proof of concept. *2022 Annual Meeting on Phonology*, Univer-
sity of California, Los Angeles, USA.. <https://osf.io/7znbf/>
- 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 [Student Authors: FW, DD, QZ]
- 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 accu-
rate: 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, Austria.
- 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



- 2025 Dana Serditova, **Kevin Tang** & Jochen Steffens. March, 2025. Regional biases in Automatic Speech Recognition: the case of Newcastle English. *47th Annual Conference of the German Linguistic Society, Special Interest Group on Computational Linguistics (DGfS-CL)*, Johannes Gutenberg University Mainz, Germany.
- 2025 Hamid Mojarad & **Kevin Tang**. March, 2025. Sociolinguistic ASR errors in African American English: lexical and contextual effects. *47th Annual Conference of the German Linguistic Society, Special Interest Group on Computational Linguistics (DGfS-CL)*, Johannes Gutenberg University Mainz, Germany. [Student Author: HM]
- 2024 Rayyan Merchant & **Kevin Tang**. 2024b. ParsText: a digraphic corpus for Tajik-Farsi transliteration. In Kyle Gorman, Emily Prud'hommeaux, Richard Sproat & Brian Roark (eds.), *Proceedings of the Second Workshop on Computation and Written Language (CAWL 2024)*. accepted (Preprint: <https://doi.org/10.31234/osf.io/xd2w>). Torino, Italia: Association for Computational Linguistics. Forthcoming [Student Author: RM]
- 2024 Wilermine Previlon, Alice Rozet, Jotsna Gowda, Bill Dyer, **Kevin Tang** & Sarah Moeller. 2024b. Leveraging syntactic dependencies in disambiguation: the case of African American English. In *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*. accepted (Preprint: <https://doi.org/10.31234/osf.io/ph7q8>). Torino, Italia. Forthcoming [Student Authors: WP, AR, JG, BD, Senior authors: KT and SM]
- 2024 Anh Kim Nguyen & **Kevin Tang**. June, 2024. The effect of syllable segmentation and phonological neighbours on spoken word recognition in Mandarin Chinese. *The 19th Conference on Laboratory Phonology*, Hanyang University, Seoul, Korea. [Student Authors: AKN]
- 2023 **Kevin Tang**, Ratree Wayland, Fenqi Wang, Sophia Vellozzi & Rahul Sen Gupta. October, 2023. Quantitative acoustic versus deep learning metrics of lenition. *19th Phonetik und Phonologie im deutschsprachigen Raum*, University of Bern, Switzerland. [Student Authors: FW, SV, RS]
- 2023 Charles B. Chang, **Kevin Tang** & Andrew Nevins. 2023b. Individual differences in vowel compactness persist under intoxication across first and second languages. The 20th International Congress of Phonetic Sciences, Prague, Czech Republic
- 2023 Jessica Nieder & **Kevin Tang**. 2023b. “Kriech nicht da rein!” - a new corpus of naturalistic misperception of German misheard sung speech. The 20th International Congress of Phonetic Sciences, Prague, Czech Republic

- 2023 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi, Rahul Sengupta & Lori Altmann. May, 2023. Neural networks' posterior probability as measure of effects of alcohol on speech. *184th Meeting of the Acoustical Society of America*, Chicago, Illinois, USA. [Student Authors: FW, SV, RS]
- 2023 Eoin O'Reilly, Christopher Geissler & **Kevin Tang**. 2023. Uncover articulatory correlates of acoustic duration with analysis-by-synthesis: the case of diphthongs. *Phonetics and Phonology in Europe 2023*, Radboud University in Nijmegen, the Netherlands [Student Author: EO]
- 2023 **Kevin Tang**, Seyedeh Zahra Mirkhaef, Julia Henkel, Christian Hartmann & Katja Biermann-Ruben. March, 2023. Language production in Parkinson's Disease: measuring syntactic complexity. *Parkinson und Bewegungsstörungen - Highlights Digital 2023*, Germany. <https://www.dpg-akbont-kongress.de/>. <https://doi.org/10.17605/OSF.IO/GCH7S> [Student Authors: SZM] (Awarded a poster prize)
- 2023 Rayyan Merchant & **Kevin Tang**. 2023b. Translating through transliteration: the case of Tajik Persian. *Linguistic Society of America 98th Annual Meeting 2023* [Student Authors: RM]
- 2022 Ratree Wayland, **Kevin Tang**, Fenqi Wang, Sophia Vellozzi, Rahul Sengupta & Lori Altmann. December, 2022. Lenition measures: neural networks' posterior probability versus acoustic cues. *183rd Meeting of the Acoustical Society of America*, Nashville, Tennessee, USA.
- 2022 Audrey Zhang, Fjorda Kazazi, **Kevin Tang** & Peter Howell. September, 2022. Changes in mental wellbeing for gender and ethnicity groups between entry, and 4 weeks after starting, university. *The third Institute of Mental Health International Conference*, London, UK.
- 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 morpheme. *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**. February, 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, Massachusetts, USA. [Poster]

INVITED TALKS

- 2025 **Kevin Tang**. February, 2025(a). Using articulatory-informed neural network models to understand gradient phonetic variation in intoxication, neurological disorders, and second language acquisition. *Sound Workshop*, University of Massachusetts, USA.
- 2025 **Kevin Tang**. February, 2025(b). Using articulatory-informed neural network models to understand neurological disorders, intoxication, and second language accent. *Linguistics Monday Colloquia*, Yale University, USA.
- 2024 Lara Rüter, Julika Weber, Christopher Geissler & **Kevin Tang**. June, 2024. Interactive web-based review units for phonetics and phonology. **ELFF Posterschau**, E-Learning Förderfonds, Heinrich-Heine-University Düsseldorf [ pdf |  materials]

- 2024 **Kevin Tang.** May, 2024. Navigating human behavior in health and education through the lens of natural language. Seminar, The BEHAVE lab (<https://behavelab.org/>) of the Department of Social and Political Sciences, the University of Milan
- 2024 **Kevin Tang.** June, 2024. Beyond “English”: a process perspective on enhancing the linguistic responsiveness of culturally tailored cancer prevention interventions. *Colloquium*, the Institute for the History, Theory and Ethics of Medicine, Heinrich-Heine-University Düsseldorf
- 2023 **Kevin Tang.** July 2023. Computational models in Parkinson’s disease research. *32 Tagung der Computerlinguistik-Studierenden (TaCoS)*
- 2023 **Kevin Tang.** June, 2023. Quantifying articulatory precision and language complexity in parkinson’s disease patients. *Colloquium*, the Institut für Klinische Neurowissenschaften und Medizinische Psychologie, Heinrich-Heine-University Düsseldorf
- 2023 **Kevin Tang.** Feb, 2023(a). Prosody leaks into the memories of words: evidence from 1,655 speakers and dynamic neural field theory. *Forschungskolloquium, Phonetics, Institute of Linguistics, University of Cologne*
- 2023 **Kevin Tang.** March, 2023. Prosody leaks into the memories of words. *Short-listed Job Talk*, University of Erlangen–Nuremberg, Germany.
- 2023 **Kevin Tang.** Feb, 2023(b). Prosody leaks into the memories of words: evidence from 1,655 speakers and dynamic neural field theory. *SFB 1102: Language Science Colloquium Series, Saarland University*
- 2022 **Kevin Tang.** November, 2022. Reanimating African American oral histories of the Gulf South. Seminar series on Digital Humanities, The Education University of Hong Kong
- 2022 **Kevin Tang.** June, 2022(b). Sentence prosody leaks into the lexicon: evidence from Mandarin Chinese. *Phonology Colloquium, Goethe-Universität Frankfurt*
- 2022 **Kevin Tang.** June, 2022(a). Reanimating African American oral histories of the Gulf South. Lecture series on Information Science and Digital Humanities, Heinrich-Heine-University Düsseldorf. https://www.youtube.com/watch?v=yLus_ODOXEk
- 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.** February, 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.** February, 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.** February, 2019(a). Predictability and mental representation: evidence from Mayan and Chinese. *Shortlisted Job Talk*, University of Florida, FL, USA.
- 2019 **Kevin Tang.** February, 2019(b). Predictability and mental representation: evidence from Mayan and Chinese. *Shortlisted Job Talk*, Wayne State University, MI, USA.

- 2019 **Kevin Tang.** February, 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 probabilistic 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

ORGANISED WORKSHOP

- 2023 *Free and Open Source Software (FOSS) for everybody* (co-led with Akhilesh Kakolu Ramarao)
Heinrich-Heine-University Düsseldorf, Germany
Host: Campus der Ideen, Date: July 1st, 2022, 10-16:00 <https://slam.phil.hhu.de/libreslam/>

INVITED WORKSHOP

- 2023 *DGfS Tutorials: Computational Modelling for Linguists: Probing the mental lexicon with spoken corpora* (co-taught with Eoin O'Reilly)
University of Cologne, Germany
Host: Special Interest Group on Computational Linguistics (SIG CL) of the Deutsche Gesellschaft für Sprachwissenschaft, Date: March 7th, 2023, 11-18:00 <https://dgfs2023.uni-koeln.de/programm/satellitenveranstaltungen/cl-tutorium>

HEINRICH-HEINE-UNIVERSITY DÜSSELDORF

For all the courses taught by my research group see: <https://slam.phil.hhu.de/classes/>

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| S25 | <i>Masters: Signal Processing in Speech, Rhythm and Health</i> (Graduate) – Interdisciplinary team teaching with Prof. Dr. Esther Florin (Neurology) and Dr. Carter Williams (Music) |
| S25 | <i>Advanced: Python for Linguists</i> (Undergraduate) |
| S24,, S25 | <i>Masters: Colloquium (Introduction to Graduate Research)</i> (Graduate) |
| S24, S25 | <i>Masters: Ethics and Natural Language Processing</i> (Graduate) |
| S22, W22/23, S24, S25 | <i>Masters: Quantitative Methods for Linguistic Data: An Introduction to Statistics using R</i> (Graduate) |
| W24/25 | <i>Intermediate: Structure of English</i> (Undergraduate) |
| W24/25 | <i>Advanced: Laboratory Phonology</i> (Undergraduate) |
| W23/24, W24/25 | <i>Masters: Language and Health</i> (Graduate) |
| W21/22, W22/23, S24 | <i>Advanced: Introduction to Corpus Phonetics</i> (Undergraduate) |
| W22/23, W23/24 | <i>Advanced: Computational Modelling</i> (Undergraduate) |
| W21/22, W22/23, W23/24 | <i>Intermediate: Phonetics and Phonology</i> (Undergraduate) |
| S22, W22/23 | <i>Basic: Master Comparative Studies</i> (Graduate) |
| S22 | <i>Methods: Programming for Linguists</i> (Undergraduate) |
| S22 | <i>Advanced: Biased Language Technology in a Social World</i> (Undergraduate) |
| W21/22, S22, W23/24, S24 | <i>Basic: Introduction to Linguistics (Part I: Language Structure) (Part II: Language Use)</i> (Undergraduate) |
| W21/22 | <i>Advanced: Phonetic and Phonological Similarity</i> (Graduate) |

UNIVERSITY OF FLORIDA

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

ZHEJIANG UNIVERSITY

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| 2019 | <i>Introduction to Laboratory Phonology</i> (Graduate) |
| 2018 | <i>Introduction to Phonetics and Phonology</i> (Graduate) |
| 2018, 2019 | <i>Introduction to Linguistics</i> (Undergraduate) |

YALE UNIVERSITY

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

UNIVERSITY COLLEGE LONDON

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

INVITED GUEST LECTURES

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| 2022 | <i>Introduction to Speech Perception</i> Heinrich-Heine-University Düsseldorf, Germany Course: “I’ll never leave your pizza burning’ - The phonetics and phonology of misheard song lyrics” (Undergraduate), Host: Dr. Jessica Nieder, Date: September 30th 2022 |
| 2017 | <i>Slips of the Ear as a Window into Grammar</i> Brown University, USA Course: CLPS 0050M (Undergraduate), Host: Prof. Scott AnderBois, Date: March 8th 2017 |
| 2017 | <i>Sufficient Data, Not ‘Big’ Data – A case of using ‘Small’ Data to Model the Production and Perception of Kaqchikel Mayan</i> Aristotle University of Thessaloniki, Greece Course: Computational Linguistics (Graduate), Host: Prof. Alexandros Tantos, Date: June 2nd 2016 |

Advising

SELECTED SUCCESSES OF THE MENTEES

- 2025 **Winner of the 2024 Joshua A. Fishman Award** Dr. Joshua L. Martin, *Automatic Speech Recognition Systems, Spoken Corpora, and African American Language: An Examination of Linguistic Bias and Morphosyntactic Features* (University of Florida). The dissertation award is to recognize early-career scholars in the sociology of language.
- 2024 **Rayyan Merchant** (B.A. in Computer Science and Linguistics, University of Florida) selected to the Congress-Bundestag Youth Exchange for Young Professionals (CBYX) programme – a fellowship that annually provides 75 American and 75 German young professionals the opportunity to spend one year in each other’s countries, studying, interning, and living with hosts on a cultural immersion program.
- 2023 **Sophia Vellozzi** (B.A. in Computer and Information and Engineering, University of Florida) received the UF undergraduate AI Research Scholarship and co-authored two journal articles and three proceeding papers. Now: Software engineering at LinkedIn
- 2023 The LINGUIST list’s Rising Stars awarded to **Anna Sophia Stein** (M.A. in Linguistics, Heinrich-Heine-University Düsseldorf); **Anh Kim Nguyen** (M.A. in Linguistics, Heinrich-Heine-University Düsseldorf) and **Rayyan Merchant** (B.A. in Computer Science and Linguistics, University of Florida)
- 2023 Poster prize (€500) of the Highlights Digital 2023 der Deutschen Gesellschaft für Parkinson und Bewegungsstörungen e.V. awarded to Seyedeh Zahra Mirkhaef (M.A. in Comparative Studies in English and American Language, Literature, and Culture, Heinrich-Heine-University Düsseldorf)

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

- 2024 Ghattas Eid (Heinrich-Heine-University Düsseldorf)
 2022 Simon Stein (Heinrich-Heine-University Düsseldorf)
 2022 Aviad Albert (University of Cologne)

HEINRICH-HEINE-UNIVERSITY DÜSSELDORF: POSTDOCTORAL ADVISOR

- Aug. 2023 – Dr. Dana Serditova (Ph.D., University of Freiburg).
 Present
 Sept. 2021 – Dr. Christopher Geissler (Ph.D., Yale University). Currently Visiting Assistant Professor in Linguistics at Carleton College, USA
 Sept. 2023

HEINRICH-HEINE-UNIVERSITY DÜSSELDORF: GRADUATE: PH.D. ADVISOR

April 2023 – Hamid Mojarrad (DAAD scholar, German Academic Exchange Service)
 Oct. 2022 – Dec. 2023 Eoin O'Reilly (Career transition: software engineering in industry)
 Sept. 2021 – Akhilesh Kakolu Ramarao

HEINRICH-HEINE-UNIVERSITY DÜSSELDORF: GRADUATE: BACHELOR/MASTER ADVISOR

December 2024 – Present Andre Oppenheimer *Topic-based sentiment analysis of African American Oral History Interviews* (B.A. in Anglistik, HHU)
 In progress.

December 2024 – Present Dmitry Gromadsky *Investigating Linguistic Coherence and Body Movement Synchrony in Collaborative Dialogue* (M.A. in Comparative Studies in English and American Language, Literature and Culture, HHU)
 In progress.

January 2025 – Present Anh Kim Nguyen *Misperception of spoken words: The case of Mandarin Chinese* (M.A. in Linguistics, HHU)
 In progress.

August 2023 – November 2023 Nastassia Braun *Automatic Speech Recognition systems and African American English - An investigation of linguistic biases towards features associated with African American English* (B.A. in Anglistik, HHU)
 Submitted on time. Completed

March 2023 – July 2023 Maximilian Sattler *How Does Credibility Sound? Investigation on Voice Timbre Semantics* (B.Eng. in Ton und Bild, Hochschule Düsseldorf)
 Submitted on time. Completed. (Co-advised with Prof. Dr. Jochen Steffens, Hochschule Düsseldorf)

Summer 2022 – March 2023 Anna Sophia Stein *Probabilistic reduction and the mental lexicon* (B.A. in Linguistics, HHU)
 Submitted on time. Completed (Co-advised with Dr. Christopher Geissler, HHU)

Summer 2022 – November 2023 Seyedeh Zahra Mirkhaef *Language Production in Parkinson's Disease: Measuring Syntactic Complexity and Phonetic Variations* (M.A. in Comparative Studies in English and American Language, Literature, and Culture, HHU)
 Submitted on time. Completed (Co-advised with Prof. Biermann-Ruben, HHU)

UNIVERSITY OF FLORIDA: GRADUATE: PH.D. COMMITTEES

Fall 2021 – Rachel Meyer, Dept. of Linguistics.

Fall 2021 – Alexis Davis, Dept. of Linguistics.

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?*
 Submitted on time. Completed. Now at Adam Mickiewicz University, Post-doctoral researcher

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/SENIOR THESES

| | |
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| Fall 2023 | Role: Advisor. Rayyan Merchant. <i>A Grapheme-to-Phoneme Approach to Tajik-Farsi Transliteration</i> Submitted on time |
| Spring 2021 | Role: Advisor. Halee Corbin, Gianfranco Cortes, Simon Frank, Isaiah Linares and Sagar Patel. Computer Science (CSC) – 4914 Senior Design – <i>AlphaMask: Face Mask Object Detection in Live Video Feed</i> [Project page] Submitted on time |
| Summer 2020 | Role: Grader. Hae Won Kim. <i>Bias in Speech Perception</i> (Advisor: Dr. Ratree Wayland) Submitted on time |

UNIVERSITY OF FLORIDA: UNDERGRADUATE RESEARCH PROJECTS

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| Currently | Tejasvi Dudipalla (Summer 2022-Present), Sophia Vellozzi (Spring 2021-Present), Rayyan Merchant (Fall 2019-Present) |
| Past students | Haotian Wang (Spring 2021-Spring 2022), Michelle Moyé (Spring 2020–Fall 2021), Ryan Aponte (Fall 2019-Spring 2021), Nancy Chen (Fall 2019-Summer 2022), Robin Fintz (Spring 2020-Spring 2022), Harrison Santiago (Fall 2020-Summer 2022), Alex Diep (Fall 2020-Summer 2021), 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: B.A./M.A. ADVISOR

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| 2017–2019 | M.A. Dissertations: Qi Xin. <i>Modelling the nativeness and intelligibility of Mandarin-accented English pronunciation</i> Submitted on time |
| 2018–2020 | Undergraduate research projects: Gong Kaixuan, Yang Jingyi and Du Sixian. <i>Behavioural databases for phonological research</i> |

YALE UNIVERSITY: GRADUATE STUDENTS: QUALIFYING PAPERS

| | |
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| 2015–2017 | Luke Lindemann <i>Phonological Variation Throughout Texas German: s/f alternation</i> Submitted on time Martin Fuchs <i>Syllable weight and antepenultimate stress in Spanish: experimental evidence and phonotactic learning models</i> Submitted on time |
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UNIVERSITY COLLEGE LONDON: MASTERS STUDENTS: M.A. DISSERTATIONS

| | |
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| 2013 | Carly Morris, <i>The Effect of Alcohol on Consonant Cluster Reduction</i> Distinction and submitted on time (Co-advising with Prof. John Harris) |
| 2013 | Mike Hindley, <i>A Study into the Effect of Alcohol on L2: Germans Speaking English</i> Distinction and submitted on time (Co-advising with Prof. Andrew Nevins) |
| 2013 | Ji Hye Kwon, <i>The Effect of Alcohol on the L2 Vowels of Korean L1 Speakers</i> Distinction and submitted on time (Co-advising with Prof. Andrew Nevins) |
| 2013 | Yan Lou, <i>Mandarin Chinese Speech Perception in Noise</i> Distinction and submitted on time (Co-advising with Prof. Andrew Nevins) |
| 2013 | Yuen Lam, <i>Slips of the Ear in Mandarin Chinese</i> Pass and submitted on time (Co-advising with Prof. Andrew Nevins) |

Service to the field

GRANT REVIEWING

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| Ad hoc | National Science Foundation (USA) – 2 grant |
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ARTICLE REVIEWING – See my peer reviewer’s profile at *Web of Science*: [IVV-5728-2023](#)

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| <i>Ad hoc</i> | 18 journals <i>Frontiers in Artificial Intelligence</i> (4), <i>Proceedings of the National Academy of Sciences of the United States of America</i> (1), <i>Computer Surveys</i> (1), <i>Humanities and Social Sciences Communications</i> (1), <i>Laboratory Phonology</i> (1), <i>Glossa: a journal of general linguistics</i> (1), <i>The Mental Lexicon</i> (1), <i>Journal of the Acoustical Society of America</i> (1), <i>Sensors</i> (1), <i>Field Methods</i> (1), <i>PLOS One</i> (3), <i>Manual of Romance Forensic Linguistics</i> (1), <i>Linguistics Vanguard</i> (2), <i>Journal of Fluency Disorders</i> (4), <i>Lingua</i> (1, pre-Glossa), <i>Language and Speech</i> (2), <i>Muitas Vozes</i> (1), <i>Genes</i> (1) |
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ABSTRACT/PAPER REVIEWING FOR CONFERENCES

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| 2025 | Association for Computational Linguistics Rolling Review |
| 2023 | Young Female Researchers in Speech Workshop 2023 (YFRSW) |
| 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, Austria, September 2019 |
| 2018 | Interspeech 2018, Hyderabad, India, September 2018 |
| 2017 | 92 nd 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, York, UK |
| 2013, 2015 | University College London Graduate Conference in Linguistics, London, UK |

CONFERENCE ORGANISER

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| 2020 | Florida Linguistics Yearly Meeting 2020: Co-organiser with Ratree Wayland |
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EDITORIAL BOARD/COMMITTEE MEMBER

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| 2022 | Interspeech 2022 satellite event – Cross-linguistic effects of information theoretic factors in interactive communication (CLITIC) |
| 2020–present | International Editorial Board for <i>Revista Uniletras</i> |
| 2019 | International Conference on Humanities and Social Science Research |

ARTICLE EDITING

| | |
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| 2013 | University College London Working Papers in Linguistics, Volume 25 |
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University service

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|----------------------------------|--|
| October 2024 – | Head of Study Programme (Studiengangsleitung), Bachelor of Arts English and American Studies, Institute of English and American Studies, Heinrich-Heine-Universität Düsseldorf (https://www.anglistik.hhu.de/studium-bachelor-of-arts) |
| March 2024 – | Taskforce member of the Heine-Jahr pre-study programme, Faculty of Arts and Humanities, Heinrich-Heine-Universität Düsseldorf |
| October 2022 – September 2024 | Chair (Geschäftsführer) of the Institute of English and American Studies, Heinrich-Heine-Universität Düsseldorf |
| Spring 2021 – Spring 2021 | Member of the University of Florida Health Cancer Center . 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 |
| 2019 | Organiser (with Ratreë Wayland), Florida Linguistics Yearly Meeting (FLYM 2019) |
| 2018–2019 | Co-director (with Matthew Reeve), Ling-Lunch, Zhejiang University |
| 2011–2015 | Organiser, Laboratory for Language and Speech Diversions , Director: Prof. Andrew Nevins, University College London |
| 2013–2014 | Organiser (with Nicholas Neasom), Phonology Reading Group , University College London |
| 2011–2012 | Student academic representative, M.Phil/Ph.D. in Linguistics, University College London |

Professional affiliations

| | |
|--------------|---|
| 2025–Present | Fellow of the Young Academy of Europe |
| 2024–Present | Member, German Society for Computational Linguistics & Language Technology – Gesellschaft für Sprachtechnologie und Computerlinguistik e.V. |
| 2024–Present | Member, Association for Diversity in Linguistics – Diversität in der Linguistik e.V. |
| 2024–Present | Member, International Association of Language and Social Psychology (IALSP) |
| 2023–Present | Member, Anglistenverband |
| 2022–Present | Member, The German linguistic society and its Computational Linguistics section – Deutsche Gesellschaft für Sprachwissenschaft (DGfS) |
| 2022–Present | Associate Member, Acoustical Society of America (ASA) |
| 2014–Present | Member, Association for Laboratory Phonology (LabPhon) |
| 2013–Present | Member, Linguistic Society of America (LSA) |
| 2021–Present | Member, Societas Linguistica Europaea (SLE) |
| 2021–Present | Member, Deutscher Hochschulverband |

Technical and language skills

EXPERIMENTAL–COMPUTATIONAL SKILLS

| | |
|-----------------|---|
| PROGRAMMING | Python & Matlab |
| DATA MANAGEMENT | Git, OSF.io |
| DATA COLLECTION | PsychoPy, jspsych & Qualtrics/Prolific/Gorilla/Amazon Mechanical Turk |
| DATA ANALYSIS | Julia, R Statistical Software, Praat, Parselmouth |
| DOCUMENT | LaTeX, Markdown & {Microsoft, Open} Office |
| OS | Unix/Linux(Terminal) & Windows |

LANGUAGES

| | | |
|-----------|--------------|---|
| English | Fluent | |
| Cantonese | Advanced | Heritage |
| Mandarin | Advanced | Courses at Cambridge University Engineering Language Department, 2006–2008. |
| Chinese | | |
| German | Intermediate | B.2.1 (in progress). Obtained B1 TELC certificate (Grade: Gut). |
| Modern | Beginner | Level 2/5 course at University of Cyprus. July–Aug 2009. |
| Greek | | |
| Spanish | Beginner | A1 course at El Instituto Salmantino de Lenguas Aplicadas, Spain, Aug–Sep 2007. |

INDUSTRY EMPLOYMENT

| | |
|--------------|---|
| Sep–Dec 2013 | <p>Altitude Education Ltd, London, UK – E-Learning</p> <p>POSITION: Linguistic consultant (Part-time)</p> <p>DESCRIPTION: Examined and restructured the English phonics encoding for the <i>Pippop</i> phonics course app</p> <p>MANAGER: Alexander Thompson</p> |
| 2005–2006 | <p>Oxford Danfysik (now FMB Oxford), Oxford, UK – Specialist in synchrotron components.</p> <p>POSITION: Year In Industry Student (Full-time)</p> <p>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.</p> <p>MENTOR: Dr. Alexander Babkevich</p> |