Kevin Tang: Curriculum Vitae

MEng (Hons), MA (Cantab & UCL), CMALT

Contact

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Date of Birth

August 30, 1987

Current position

UNIVERSITY COLLEGE LONDON   London, United Kingdom
October 2011-present. DOCTORAL CANDIDATE IN LINGUISTICS.
Thesis title: *Naturalistic Speech Misperception*
Primary supervisor: Prof. Andrew Nevins.
Secondary supervisor: Prof. Stuart Rosen.

Education

UNIVERSITY COLLEGE LONDON   London, United Kingdom
2010-2011. University College London. M.A. in Linguistics.
Dissertation title: *Phonetic trend in slips of the ear*, supervised by Prof. Andrew Nevins.
Class: *Distinctions* (Dissertation and all modules)

UNIVERSITY OF CAMBRIDGE   Cambridge, United Kingdom
2009-2010. University of Cambridge. M.Eng. in Engineering.
Dissertation title: *Water quality modelling of a real catchment, using a Geographic Information System and a Hydrological Simulation Program to model the water quality (E-coli level) in Beaver Creek, Virginia*, supervised by Dr. Dong Fang Liang and Dr. Rebecca Zeckoski
Class: *Honours Pass* (Dissertation: *Honours with Merit*; Modules: *Honours Pass*)

UNIVERSITY OF CAMBRIDGE   Cambridge, United Kingdom
2006-2009. University of Cambridge. B.A. in Engineering.
Class: *2.i.*

Publications

Tang, K. & De Chene, B. (Forthcoming, 2014). *A New Corpus of Colloquial Korean and its Applications.* Proceedings of the Laboratory Phonology 14 (LabPhon 14), Tachikawa, Tokyo, Japan. [abstract]

Tang, K., & Nevins, A. (2013) *Quantifying the Diachronic Productivity of Irregular Verbal Patterns in Romance.* UCL Working Papers in Linguistics 25. [For the latest version: http://ling.auf.net/lingbuzz/001969] [bib]

Tang, K., & Nevins, A. (2013, in press) *Measuring Segmental and Lexical Trends in a Corpus of Naturalistic Speech.* Proceedings of the 43rd Meeting of the North East Linguistic Society. [pdf] [bib]

Tang, K. (2012) *A 61 Million Word Corpus of Brazilian Portuguese Film Subtitles as a Resource for Linguistic Research.* UCL Working Papers in Linguistics 24. [pdf] [bib] [tools]

Conferences: Talks

2014

Tang, K. *Using Subtitle Corpora to Model Aspects of Spoken Language.* Corpus Linguistics in the South 7: Spoken Language University College London. May 2014

Tang, K. & Lou, Y. *Mandarin Chinese Speech Perception in Noise: Phonological Implications.* The 11th Old World Conference in Phonology (OCP11), Amsterdam-Leiden, The Netherlands. January 2014.

2013

Tang, K, Green, S., Anyadi, S. *When interdisciplinarity assists peer-learning: PeerWise at UCL.* Higher Education Academy (HEA) STEM: Interdisciplinary show case, BBC Broadcast Centre, London, United Kingdom. November 2013. [Slides]

Green, S., Tang, K. *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. November 2013. [pdf] [video]

Tang, K., Mandera, P., Keuleers, E. *The OpenLexicons Project - Development and Uses of Subtlex-Corpora for Investigating Sound Symbolism and Brazilian Portuguese.* 3rd NetWordS Workshop, Dubrovnik - Centre for Advanced Academic Studies, Croatia. September 2013. [Short Visit Grant received by NetWordS - 09-RNP-089]

Tang, K., Nevins, A., Becker, M. *A 61 Million Word Corpus of Brazilian Portuguese Film Subtitles as a Resource for Linguistic Research: Investigating the (Non-)Role of Token Frequency on Phonology.* The 1st PARLAY Conference (PostgraduateAcademic Researchers in Linguistics At York), University of York, York, United Kingdom. September 2013.

Tang, K., Green, S. *Implementing a peer learning tool at UCL - Peerwise.* UCL: Summits and Horizons: Using technology to give better and faster feedback. University College London, London, United Kingdom. 15 May 2013

Tang, K., Nevins, A., Becker, M.. *Prosody drives alternations: evidence from a 51 Million Word Corpus of Brazilian Portuguese.* The 10th Old World Conference in Phonology (OCP 10), Istanbul, Turkey. January 2013.

2012

Tang, K., & Nevins, A. *Naturalistic Speech Misperception - a Computational Corpus-based Study.* Computational Linguistics Workshop, NELS 43 - the 43rd Annual Meeting of the North East Linguistic Society, New York City, NY, The City University of New York, USA. October 2012

Tang. K., & Nevins, A. *Learning from Mistakes: Computational Modelling of Slips of the Ear.* 20th Manchester Phonology Meeting, Manchester, UK

Conferences: Posters

2014

Tang, K. & De Chene, B.. *A New Corpus of Colloquial Korean and its Applications.* The 14th Laboratory Phonology Conference (LabPhon 14), Tachikawa, Tokyo, Japan. July 2014. [abstract]

2013

Tang, K., Nevins, A., Becker, M.. *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. January 2013. [Poster]

Awards & Achievements

2013. €1415. 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. £150. 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 links for the final product "Twittrends"

2011-2012. £2,377.50 Teaching Innovation Grant (Holder: Prof. Andrew Nevins), University College London, London. As part of a small interdisciplinary university-wide team to develop and implement the use of the peer-assisted learning package, PeerWise. [Report]

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

2009. £500. Cambridge University Language Centre. Bursaries for Science and Medical Students for Language Courses Abroad: Summer Intensive Course for Modern Greek at University of Cyprus

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 (worth ∼£20000 p.a.)*

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

2005. Rotary International in Great Britain and Ireland. Rotary Youth Speaks (Public Speaking Competition), Zone Finalists.

2005. £4000. The Institution of Engineering and Technology. The IET Fuse Scholarship: University

2001-2005. School prizes: The Clayton Maths Prize, Physics , ICT and Geography.

2004. U.K. Senior Mathematical Challenge Silver Certificate.

Projects & Work Experience

Ongoing

The Effects Of Alcohol On Second Language Phonetic Accuracy, University College London, Dept. of Linguistics (Working with Prof. Andrew Nevins). 2011 - Present

Visual word recognition in the Chinese Brain: An event-related potential study, University College London, Dept. of Linguistics & Dept. of Speech Hearing and Phonetic Sciences (Working with Dr. Judit Druks, Dr. Jyrki Tuomainen, and Ye Tian). 2012 - Present

OpenLexicons project, The Center for Reading Research, Department of Experimental Psychology, Ghent University, Belgium, (Working with Prof. Marc Brysbaert, Dr. Emmanuel Keuleers, and Paweł Mandera). 2013 - Present

Past

July-August 2008. Hyder Consulting (engineering consultancy, 4000 employees). Summer Trainee. Site investigation, extensive report writing, administrative work

2005-2006. Oxford Danfysik (now FMB Oxford) (specialist in synchrotron components, 35 employees). Year In Industry Student. 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. Learnt Matlab from scratch. Projects involving use of 3D CAD design, AutoCAD and Solid Edge. Assembled electronic devices and detectors.

Teaching at University College London

Lecturing:

[Design lecture and lab materials as well as online quizzes specifically for linguists]

PLINSTAT: Introduction to Statistics for Linguists using R. Autumn 2013. (Co-lecturing with Ye Tian)

PLINSTAT: Introduction to Statistics for Linguists using R. Autumn 2012. (Co-lecturing with Ye Tian)

Small group teaching:

[Design teaching materials; Mark assignments; Address queries in person and electronically]

PLIN1102/PLING113: Introduction to Phonetics and Phonology B. Spring 2013 (50 MA students)

PLIN1101/PLING113: Introduction to Phonetics and Phonology A. Autumn 2012 (50 MA students)

PLIN1102/PLING113: Introduction to Phonetics and Phonology B. Spring 2012 (50 MA students)

PLIN1101/PLING103: Introduction to Phonetics and Phonology A. Autumn 2011 (50 MA students)

Supervision:

[Assist experimental design; Provide training and feedback through out]

MA dissertation, Carly Morris, MA in Linguistics, 2013 (Co-supervision with Prof. John Harris)
  * *"The Effect of Alcohol on Consonant Cluster Reduction". (Distinction)*

MA dissertation, Mike Hindley, MA in Linguistics, 2013 (Co-supervision with Prof. Andrew Nevins)
  * *"A Study into the Effect of Alcohol on L2: Germans Speaking English" (Distinction)*

MA dissertation, Ji Hye Kwon, MA in Linguistics, 2013 (Co-supervision with Prof. Andrew Nevins)
  * *"The Effect of Alcohol on the L2 Vowels of Korean L1 Speakers" (Distinction)*

MA dissertation, Yan Lou, MA in Linguistics, 2013 (Co-supervision with Prof. Andrew Nevins)
  * *"Mandarin Chinese Speech Perception in Noise" (Distinction)*

MA dissertation, Yuen Lam, MA in Linguistics, 2013 (Co-supervision with Prof. Andrew Nevins)
  * *"Slip of the Ear in Mandarin Chinese" (Pass)*

Experimental-Computational skills

Programming: Matlab, Python & HTML

Statistics: *R* Statistical Software, EEGLAB & ERPLAB

Speech: Praat & Forced-Alignment (HTK)

Experimental: Crowdsourcing with Experigen + MTurk & Electroencephalography (EEG)

Document: LATEX and MSOffice

OS: Unix/Linux(Terminal) & Windows

Professional Memberships

Certified Membership of ALT (CMALT): a portfolio-based professional accreditation scheme developed by ALT to enable people whose work involves learning technology to have their professional experience and capabilities assessed by peers. Full details of CMALT can be found at http://www.alt.ac.uk/cmalt/.

Professional Service

Reviewer - 1st UCL Graduate Conference in Linguistics

Editor - UCL Working Papers in Linguistics (Volume 25, 2013)

Organiser -

Laboratory for Language and Speech Diversions (LLSD, UCL), Director: Prof. Andrew Nevins, 2011 - Present

(with Nicholas Neasom) UCL Phonology Reading Group, 2013 - Present

University Service

November 2011 - 2012. Student academic representative (M.Phil/Ph.D. in Linguistics, UCL). Participate at UCL Union meetings and networking opportunities, attend meetings of the Staff Student Consultative Committee.

April 26th 2012. Chairperson for two talks for the UCL Linguistic Departmental Ph.D. day.

Interpersonal and Public Engagement

2013-Present. Student accommodation representative (26 students)

November 2011 - Feburary 2012. Voluntary teacher. Teaching one A-level student elementary phonetics and phonology biweekly.

5-10 July 2011. Voluntary helper. Royal Society Summer Science Exhibition 2011 "Speaking and listening in a noisy world" (UCL)

Language skills & Qualifications

Cantonese. Native.

Primary education in Cantonese and English, Hong Kong

English. Fluent.

2000-Present. Secondary and higher education in English, United Kingdom.

Mandarin Chinese. Advanced.

2007-2008. Advanced. Cambridge University Engineering Language Department. *2.i*

2006-2007. Upper intermediate. Cambridge University Engineering Language Department. *Distinction (Departmental Language prize)*

Modern Greek. Intermediate.

July-Aug 2009. Intermediate Level 2/5. University of Cyprus. *Quite good*

Spanish. Beginner.

Aug-Sep 2007. A1-Elemental. El Instituto Salmantino de Lenguas Aplicadas, Spain. *Excellent*

Current information as of June 4, 2014.