

## **Dr Jessica Wormald: Summary Curriculum Vitae**

Dr Jessica Wormald (BA MSc PhD) is a forensic consultant at J P French Associates. She has been involved in over a hundred cases in the areas of speaker comparison and transcription and works for both prosecution and defence. She has carried out research into new and developing accents in different locations in the UK, which utilised forensic methodologies as well as more innovative ultrasound and automatic methods. Dr Wormald is a member of the International Association for Forensic Phonetics and Acoustics (IAFPA) and the British Association of Academic Phoneticians (BAAP). She is an Associate Lecturer on the MSc in Forensic Speech Science at the University of York.

### **Positions**

Forensic consultant, J P French Associates, York

2013-2015: Postgraduate Teacher, Department of Language and Linguistic Science, University of York

### **Qualifications**

BA (First class) in Language and Linguistic Science, University of York

MSc in Forensic Speech Science, University of York

PhD in Linguistics (Sociophonetics), University of York

### **Memberships**

Member of the International Association for Forensic Phonetics and Acoustics

Member of the British Association of Academic Phoneticians

### **Publications**

Brown, G. & Wormald, J. (2017) Automatic Sociophonetics: exploring corpora with a forensic accent recognition system. *JASA: Special Issue on Advancing Methods for Analyzing Dialect Variation*, 142 (1), p.422-433, doi: <http://dx.doi.org/10.1121/1.4991330>

Kirkham, S. & Wormald, J. (2015) Acoustic and Articulatory Variation in British Asian English Liquids. *Proceedings of ICPhS XVIII*. Glasgow.

Wormald, J. (2015) Dynamic Variation in 'Panjabi-English': Analysis of F1 and F2 trajectories for FACE /eɪ/ and GOAT /əʊ/. *Proceedings of ICPhS XVIII*. Glasgow.

Wormald, J. (2014) Bradford Panjabi-English: the Realisation of FACE and GOAT. *YPL Special Issue: Proceedings of the first PARLAY conference. Issue 1*, p.118-138.

### **Presentations & invited talks**

Hughes, V., Wormald, J., Gold, E., Kendall, T., Rose, Y. and Schilling, N. (2017) Sociolinguistics and forensic speech science: knowledge- and data-sharing. *Workshop given at NWA46*. University of Wisconsin-Madison, US. 2<sup>nd</sup> November.

French, J. P., Harrison, P., Kirchhübel, C., Rhodes, R. and Wormald, J. (2017) From Receipt of Recordings to Dispatch of Report: Opening the Blinds on Lab Practices. *IAFPA conference*. Split, Croatia. 9<sup>th</sup> July.

Rhodes, R., French, J.P., Harrison, P., Hughes, V., Kirchhübel, C. and Wormald, J. (2017) Which questions, propositions and 'relevant populations' should a speaker comparison expert assess? *IAFPA conference*. Split, Croatia. 9th July.

Hughes, V. and Wormald, J. (2017) WikiDialects: a resource for assessing typicality in forensic voice comparison. *IAFPA conference*. Split, Croatia. 9th July. [Poster]

Wormald, J. (2017) Regional variation in 'Panjabi English': the realisation of /t/ in two English contact varieties. *WSC4*. University of Edinburgh, 20<sup>th</sup> April. [Poster]

- Hughes, V. and Wormald, J. (2017) Assessing typicality in forensic voice comparison: How can sociophonetics help? (and how can sociophonetics benefit?). *IMS*. University of Edinburgh, 19<sup>th</sup> April.
- Brown, G., Jenkins, M., Wormald, J. and Watt, D. (2017) A tin ear for accents? Human vs. machine in accent classification and authentication tasks. *IMS*. University of Edinburgh, 19<sup>th</sup> April.
- Kirchhübel, C., Bhagdin, A., French, P., Harrison, P., Rhodes, R. and Wormald, J. (2016) Understanding of forensic speaker comparison conclusions in the legal setting. *IAFPA conference*. University of York, 27<sup>th</sup> July.
- Wormald, J. (2016) Regional variation in Panjabi-English: a contact variety corpus. *IAFPA conference*. University of York, 24<sup>th</sup> July. [Poster]
- Wormald, J., French, J. P., Harrison, P. T., Kirchhübel, C., Rhodes, R. and Watt, D. (2016) Voice quality in Panjabi English: sociophonetic and forensic considerations. *BAAP conference*. Lancaster University, UK. 1<sup>st</sup> April.
- Wormald, J. (2016) Settings or segments: Fronting patterns in varieties of English. *Linguistics research seminar*. University of Huddersfield, UK. 9<sup>th</sup> March. [Invited]
- Wormald, J. (2015) Voice quality in ‘Punjabi-English’: Innovation, diffusion or language contact? *Lab lunch*. University of Glasgow, UK. 29<sup>th</sup> October. [Invited]
- Wormald, J. (2015) Voice quality variation in Panjabi-English: Characterisation using the Vocal Profile Analysis scheme. *UKLVC 10*. University of York, UK. 2<sup>nd</sup> September. [Poster]
- Kirkham, S. & Wormald, J. (2015) Articulatory variation in a contact variety: Liquids in British Asian English. *UKLVC 10*. University of York, UK. 1<sup>st</sup> September.
- Wormald, J. & Kirkham, S. (2015) Articulation, Audition and Acoustics: An ultrasound tongue imaging study. *IAFPA conference*. University of Leiden, Holland. 9<sup>th</sup> July.
- Kirkham, S. & Wormald, J. (2015) An ultrasound study of language contact in Bradford English liquids. *ICLaVE 8*. University of Leipzig, Germany. 28<sup>th</sup> May.
- Wormald, J. (2015) Panjabi-English: Characterising a British contact variety. *Departmental talk*. University of Washington, US. 3<sup>rd</sup> April.
- Wormald, J. (2015) Investigating a British contact variety: Conducting fieldwork and analysing vowels. *Departmental talk*. University of Oregon, US. 30<sup>th</sup> March.
- Wormald, J. (2015) “It’s mixed, it’s like a cake, innit.” Characterising a British contact variety with a focus on rhotics. *Departmental colloquium*. University of Victoria, Canada. 26<sup>th</sup> March.
- Kirkham, S. & Wormald, J. (2014) An Ultrasound study of liquids in Bradford-English. *LVC group*. Lancaster University, UK. 27<sup>th</sup> November.
- Watt, D., Brown, G. & Wormald, J. (2014) Using zooplots to visualise interspeaker distances and automated accent classification accuracy in the Y-ACCDIST system. *IMPS*. Roskilde University, Denmark. 21<sup>st</sup> November.
- Brown, G. & Wormald, J. (2014) Speaker Profiling: An automatic method? *IAFPA conference*. University of Zürich, Switzerland. 2<sup>nd</sup> September.
- Wormald, J. (2014) Languages in Contact - the role of identity. *Wolfson Scholars’ Symposium*. British Academy, UK. 30<sup>th</sup> June.
- Wormald, J. (2014) R-sandhi in Bradford Panjabi-English. *NEW6*. Lancaster University, UK. 16<sup>th</sup> April.
- Wormald, J. (2014) Phonetic realisations of /r/ in Bradford Panjabi-English. *ShefLingPGC*. University of Sheffield, UK. 4<sup>th</sup> February.
- Wormald, J. (2013) Innovation and transfer in Bradford Panjabi-English. *1<sup>st</sup> PARLAY conference*. University of York, UK. 6<sup>th</sup> September.
- Wormald, J. (2013) Regional variation in Panjabi-English. Panel presentation at a postgraduate workshop. University of St Andrews, UK. 25<sup>th</sup> March.

**Security Clearance:** Current clearance - SC