

## **APPENDIX B: Summary Curriculum Vitae**

Dr Georgina Brown (MA(Hons) MRes PhD) is a full-time Lecturer in Forensic Linguistics at Lancaster University. Her area of expertise falls within the area of forensic speech science, where she specialises in developing technology for the purposes of conducting forensic casework. She teaches and has taught undergraduate and postgraduate courses on phonetics and forensic linguistics, and she currently supervises PhD students on topics within forensic phonetics. She continues to publish articles and present talks on forensic speech science which reach national and international audiences.

### **Positions**

Lecturer in Forensic Linguistics, Department of Linguistics and English Language, Lancaster University, Lancaster, United Kingdom: January 2018 - present

### **Qualifications**

PhD Linguistics (Forensic Speech Science), University of York

MA (by Research) Linguistics (Forensic Speech Science), University of York

MA (Hons) Linguistics, University of Edinburgh

### **Memberships**

Member of the International Association for Forensic Phonetics and Acoustics

Member of the International Speech Communication Association

Member of the British Association of Academic Phoneticians

### **Publications**

Kirchhübel, C., Brown, G., and Foulkes, P. (2023). What does method validation look like for forensic voice comparison by a human expert? *Science & Justice*. 63. pp 251-257.

Brown, G. (2022). Proposing Problem-Based Learning for teaching future forensic speech scientists. *Science and Justice*. 62. pp 669-675.

Brown, G. and Hellmuth, S. (2022). Computational modelling of segmental and prosodic levels of analysis for capturing variation across Arabic dialects. *Speech Communication*. 141. pp 80-92

Brown, G. Franco-Pedroso, J., and Gonzalez-Rodriguez, J. (2022). A segmentally informed solution to automatic accent classification and its advantages to forensic applications. *International Journal of Speech, Language and the Law*. 28. pp 201-232.

Kirchhübel, C. and Brown, G. (2022). Spoofed speech from the perspective of a forensic phonetician. In *Proceedings of Interspeech*. Incheon, South Korea.

Brown, G. Ross, S. and Kirchhübel, C. (2021). Voicing Concerns: the balance between data protection principles and research developments in forensic speech science. *Science and Justice*. 61. pp 311-318.

Strycharczuk, P., Lopez-Ibanez, M., Brown, G. and Leemann, A. (2020). General Northern English. Exploring regional variation in the North of England with machine learning. *Frontiers in Artificial Intelligence. Language and Computation*. 4. 48-65.

Watt, D. and Brown, G. (2020). Forensic phonetics and automatic speaker recognition. In M. Coulthard., A. May, and R. Sousa-Silva (Eds.) *The Routledge Handbook of Forensic Linguistics*, Second Edition. Oxon: Routledge. 400-415.

Strycharczuk, P., Brown, G., Leemann, A. and Britain, D. (2019). Investigating the FOOT-STRUT distinction in Northern Englishes using crowdsourced data. In *Proceedings of the 19<sup>th</sup> International Congress of Phonetic Sciences*. Melbourne, Australia. 1337-1341.

Brown, G. (2018). Segmental content effects on text-dependent automatic accent recognition. In *Proceedings of Odyssey: The Speaker and Language Recognition Workshop*. Les Sables d'Olonne, France. 9-15.

Brown, G. and Wormald, J. (2017). Automatic Sociophonetics: Exploring corpora using a forensic accent recognition system. *Journal of the Acoustical Society of America*. 142. 422-433.

Brown, G. (2016). Exploring forensic accent recognition using the Y-ACCDIST System. In *Proceedings of the 16th Australasian International Conference on Speech Science and Technology*. Sydney, Australia. 305-308.

Brown, G. (2016). Automatic accent recognition systems and the effects of data on performance. In *Proceedings of Odyssey: The Speaker and Language Recognition Workshop*. Bilbao, Spain. 94-100.

Brown, G. (2015). Automatic recognition of geographically-proximate accents using content-controlled and content-mismatched speech data. In *Proceedings of the 18<sup>th</sup> International Congress of Phonetic Sciences*. Glasgow, Scotland.

### **Invited Talks**

Brown, G. (2022). Forensic Speech Science. The UK Government Defence Science and Technology Laboratory Talk Series. [online] 31/05/2022.

Brown, G. and Daft, I. (2022). Voice Biometrics. *The Chartered Institute of Information Security (CIISec Live) Conference*. Edinburgh, UK. 7/09/2022.

Brown, G. (2019). The prospect of using accent recognition technology for forensic applications. UK Speech. Birmingham, UK. 24-25 June.

Brown, G. (2016). An Introduction to Forensic Speech Technology. Department of English Talk. University of Bern, Switzerland.