

## **Appendix A - Dr Christin Kirchhübel: Summary Curriculum Vitae**

Dr Christin Kirchhübel (BA MSc PhD) is a full-time forensic consultant at J P French Associates. She has worked on over 400 cases in the areas of forensic speaker comparison, transcription and disputed utterance analysis as well as other miscellaneous cases and provides evidence as an expert witness in court. She is an Associate Lecturer in the Department of Language and Linguistic Science at the University of York and is involved in teaching on the MSc in Forensic Speech Science at the University of York. She has carried out research into deceptive speech and delivers lectures and presentations to universities and other audiences. She is a member of the International Association for Forensic Phonetics and Acoustics (IAFPA) and the British Association of Academic Phoneticians (BAAP). She is PhD abstracts editor for the *International Journal of Speech, Language and the Law (IJSLL)*.

### **Positions**

Forensic consultant, J P French Associates, York

Associate Lecturer, Department of Language and Linguistic Science, University of York

### **Qualifications**

BA English Language and Linguistics (1<sup>st</sup> Class Hons), Lancaster University

MSc Forensic Speech Science (Distinction), University of York

PhD Electronics (Forensic Speech Science), University of York

### **Memberships**

Member of the International Association for Forensic Phonetics and Acoustics

Member of the British Association of Academic Phoneticians

### **Editorial responsibilities**

PhD abstracts editor - International Journal of Speech Language & the Law

Reviewer for International Journal of Speech Language & the Law

### **Publications**

Kirchhübel, C., Howard, D. M., and Stedmon, A. (2015). Deception and speech: A theoretical overview to inform future research. In A. Stedmon and G. Lawson (Eds.). *Hostile Intent and Counter-Terrorism: Human factors theory and application*. Ashgate, Farnham, pp. 295-316.

Kirchhübel, C., Howard, D. M., and Stedmon, A. (2013). Analysing deceptive speech. In D. Harris, (Ed.). *EPCE'13 Proceedings of the 10th International Conference on Engineering Psychology and Cognitive Ergonomics*. Springer-Verlag Berlin, Heidelberg, pp. 134—141.

Kirchhübel, C. and Howard, D. M. (2013). Detecting suspicious behaviour using speech: Acoustic correlates of deceptive speech - an exploratory investigation. *Applied Ergonomics*, 44(5), 694—702.

Kirchhübel, C. and Howard, D. M. (2011) Acoustic correlates of deceptive speech: an exploratory study. In D. Harris (Ed.). *EPCE'11 Proceedings of the 9th International Conference on Engineering Psychology and Cognitive Ergonomics*. Springer-Verlag Berlin, Heidelberg, pp. 28-37.

Kirchhübel, C. and Howard, D. M. (2011) Investigating the acoustic characteristics of deceptive speech. *Proceedings of the 17th International Congress of Phonetic Sciences, Hong Kong*, pp. 1094-1097.

Kirchhübel, C., Howard, D. M., and Stedmon, A. (2011) Acoustic correlates of speech when under stress: research, methods and future directions. *International Journal of Speech, Language and the Law*, 18, 75-98.

### **Presentations**

Kirchhübel, C. (2016). Understanding of forensic speaker comparison conclusions in the legal setting. *GSFL Roundtable*, Mainz, Germany, 27-29 August. [invited]

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, 27th July.

Wormald, J.; French, J. P.; Harrison, P. T.; Kirchhübel, C.; Rhodes, R. & Watt, D. (2016) Voice quality in Panjabi English: Sociophonetic and forensic considerations. *BAAP conference*, Lancaster, UK, 30 March - 1 April.

French, J. P., Harrison, P. T., Kirchhübel, C. & Rhodes, R. (2015) Standards for Forensic Speaker Comparison samples. *Methodological Guidelines for semi-automatic and automatic speaker Recognition for case assessment and interpretation*; Meeting of the ENFSI Monopoly project in Warsaw, Poland; 22nd – 23rd September.

Kirchhübel, C. (2014). Advances in Forensic Speech and Audio Analysis. Forensics Europe Expo, London UK.

Kirchhübel, C. (2014). Analysing deceptive speech. Colloquium of the British Association of Academic Phoneticians (BAAP 2014), Oxford, UK.

Kirchhübel, C., Howard, D. M., and Stedmon, A. (2013). Analysing deceptive speech. The 10th International Conference on Engineering Psychology and Cognitive Ergonomics, Las Vegas, USA.

Kirchhübel, C. (2012). Investigating temporal correlates of deceptive speech. IAFPA conference, Santander, Spain.

McDougall, K., Nolan, F. Harrison. P. H. and Kirchhübel, C. (2012). Characterising speakers using formant frequency information: a comparison of vowel formant measurements and long-term formant analysis. IAFPA conference, Santander, Spain.

McDougall, K., Harrison. P. H., Nolan, F. and Kirchhübel, C. (2012). Voice similarity and Long Term Formant analysis. Colloquium of the British Association of Academic Phoneticians (BAAP 2012), Leeds, UK.

Kirchhübel, C. and Howard, D. M. (2011). Investigating the acoustic characteristics of deceptive speech. 17th International Congress of Phonetic Sciences, Hong Kong (poster presentation).

Kirchhübel, C. (2011). Investigating the acoustic correlates of deceptive speech. IAFPA conference, Vienna, Austria.

Kirchhübel, C. and Howard, D. M. (2011). Detecting suspicious behaviour using speech: Phonetic and acoustic correlates of deceptive speech. 9th International Conference on Engineering Psychology and Cognitive Ergonomics, Orlando, USA.

Kirchhübel, C. (2011) The Phonetic and acoustic characteristics of deceptive speech. Guest talk at Lancaster University, Lancaster, UK.

Kirchhübel, C. (2010). The effects of Lombard speech on vowel formant measurements. Meeting of the Acoustical Society of America, Cancun, Mexico (poster presentation).

Kirchhübel, C. (2010). The effects of Lombard speech on vowel formant measurements. IAFPA conference, Trier, Germany.

Kirchhübel, C. (2010). The effects of Lombard speech on vowel formant measurements. São Paulo School of Advanced Studies in Speech Dynamics, Dinafon (Dinâmica Fônica) workshop, São Paulo, Brazil, (poster presentation).

Kirchhübel, C. (2010). The acoustic correlates of speech under stress- a review. AVFA workshop, York, UK.

**Security Clearance**

Current clearance - SC