DR. ERICA GOLD

FORENSIC SPEECH SCIENTIST; LINGUIST; SOCIOPHONETICIAN

California State University
SAN MARCOS

Academic Positions

Currently

- California State University San Marcos (2022-Now)

Previously

- University of Huddersfield, UK (2014-2021)
- University of York, UK (2010-2014)

Area of Research

- Forensic Speech Science
    - *Inter- and Intra-speaker variability*
    - *Population statistics for linguistic and phonetic parameters*
    - *Quantifying phonetic and linguistic information for evidential purposes*

- Linguistics/Phonetics
    - *Dialectology*
    - *Acoustic Phonetics*
    - *Sociolinguistics, Language and Identity*

Committees/Service

- OSAC Speaker Recognition Subcommittee
  - *Member*
  - *Writing standards for the use of speech evidence in court*

- International Association of Forensic Phonetics and Acoustics
  - *Research committee member*

Relevant Research Grants

- *Economic and Social Research Council* (ESRC) – Future Research Leaders. Award: £360,596 (~$521,241; full economic cost). Using BIG data to understand the BIG picture: Overcoming heterogeneity in speech for forensic applications. Principal Investigator. 2016-2019.

- British Acadmey/Leverhulme Trust. Award: £9,848 (~$16,036). 'Modelling features for forensic speaker comparison'. Investigator, with Paul Foulkes (PI), Peter French, and Vincent Hughes. 2013-2014, SG122381.

- Marie Curie Early Stage Research Fellow, *European Commission* FP7 Framework. Fully funded PhD and fellowship stipend. 'Calculating likelihood ratios using phonetic and linguistic parameters'. Award: Approximately £114,000 (~$172,288). 2010-2014.

Relevant Publications

- **Gold, E.**, Earnshaw, K., and Ross, S. (accepted) Within-speaker variation. In: Nolan, F., McDougall, K. and Hudson, T. eds, *Oxford Handbook of Forensic Phonetics*. Oxford: Oxford University Press.

- **Gold, E.,** Kirchhubel, C., Earnshaw, K. and Ross, S. (2022) Regional Variation in British English Voice Quality. *Englishes World-Wide*, 43 (1), pp. 1-27.

- Lennon, R., Plug, L., **Gold, E.** (2021) Articulation rates' inter-correlations and discriminating powers in an English speech corpus. *Speech Communication*, 132, pp. 40-54.

- **Gold, E.** and French, P. (2019) Second International Survey of Forensic Speaker Comparison Practices. *International Journal of Speech, Language and the Law, 26(1)*.

- Ross, S., Earnshaw, K. and **Gold, E.** (2019) Variability in speech as the result of non-contemporaneous speech samples. Proceedings of the *19th International Congress of Phonetic Sciences*: Melbourne, Australia.

- **Gold, E.,** Ross, S., and Earnshaw, K. (2018) The 'West Yorkshire Regional English Database': Investigations into the generalizability of reference populations for forensic speaker comparison casework. Proceedings of *Interspeech 2018 – 98th Annual Conference of the International Speech Communication Association,* September 2-6, Hyderabad, India, pp. 2748-2752.

- **Gold, E.** and French, P. (2011) International practices in forensic speaker comparison. *International Journal of Speech, Language and the Law* 18(2), pp. 293-307. ISSN 1748-8885