

Robert Mayr  
Dr  
Darllenydd mewn Ieithyddiaeth  
Pennaeth Canolfan, Canolfan ar gyfer Ymchwil Lleferydd, Clyw a Chyfathrebu  
Ysgol Chwaraeon a Gwyddorau Iechyd Caerdydd



## Diddordebau ymchwil

Robert Mayr (Dr) is a Reader in Linguistics at Cardiff Metropolitan University, where he leads the Centre for Speech, Hearing and Communication Research. He is also operational lead for Research Capacity Building Collaboration (RCBC) Wales, a consortium of six Welsh universities, funded by Health and Care Research Wales, that aims to build research capacity in allied health professions, nursing and pharmacy. His research aims to gain a better understanding of the cognitive, social and interactional factors that affect speech sound development in bilinguals and multilinguals across the lifespan, and their clinical and educational implications. He has been the principal investigator or a collaborator on various research projects, including a British Academy-funded study on socio-phonetic variation in Welsh–English bilinguals, an FWF-funded study on L1 attrition of speech in native English speakers in Austria and an NIH-funded study on speech perception and production in Spanish–English bilingual children. His work has appeared widely in international journals, such as *Bilingualism: Language and Cognition*, *International Journal of Bilingualism*, *International Journal of Bilingual Education and Bilingualism*, *Journal of Phonetics*, *Journal of the International Phonetic Association*, *Journal of Child Language* and *Frontiers in Psychology: Language Sciences*.

## Allbwn ymchwil

### Chapter 22: The phonetics and phonology of early bilinguals

Mayr, R., Morris, J. & Montanari, S., Tach 2024, *The Cambridge handbook of bilingual phonetics and phonology*. Amengual, M. (gol.). Cambridge: Cambridge University Press, t. 501-520 20 t.

### English Vowel Perception in Spanish–English Bilingual Preschoolers: Multiple-Talker Input Is Only Beneficial for Children With High Language Exposure Levels

Montanari, S., Steffman, J. & Mayr, R., 8 Hyd 2024, Yn: *Journal of Speech, Language, and Hearing Research*. 67, 10, t. 3643-3659 17 t.

### The relation between perceived non-native features in the L1 speech of English migrants to Austria and their phonetic manifestation in L1 productions

Ditewig, S., Reubold, U., Mayr, R. & Mennen, I., 13 Ion 2024, Yn: *International Journal of Bilingualism*.

### Stop voicing perception in the societal and heritage language of Spanish-English bilingual preschoolers: The role of age, input quantity and input diversity

Montanari, S., Steffman, J. & Mayr, R., 7 Hyd 2023, Yn: *Journal of Phonetics*. 101, 101276.

### Tone perception development in Mandarin-speaking children with cochlear implants

Xu, K., Zhao, F., Mayr, R., Li, J. & Meng, Z., 7 Ion 2023, Yn: *International Journal of Pediatric Otorhinolaryngology*. 165, 111444.

### Differential perception of vowel and stop contrasts in Spanish-English bilingual preschoolers

Montanari, S., Steffman, J., Mayr, R., Flores & Feeney, 2023, *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023)*. Skarnitzl, R. & Volín, J. (gol.). Guarant International, t. 42-46 paper ID: 86

### Supporting Speech, Language and Communication (SLC) Development in the Early Years: An Evidence Review of Universal, Population and Targeted Interventions.

Wren, Y., Baker, S., Harding, S., Lewis, R., Mayr, R., Roulstone, S. & McKean, C., 2023, Welsh Government.

### The contribution of temporal cues to perceived nativeness in the native speech of English migrants to Austria.

Mennen, I., Reubold, U. & Mayr, R., 2023, *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023)*. Skarnitzl, R. & Volín, J. (gol.). Guarant International, t. 2403-2407 paper ID: 53

**The relationship between L2 acquisition and L1 attrition in the phonetic domain**

Kornder, L., Mennen, I., Reubold, U. & Mayr, R., 2023, *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023)*. Skarnitzl, R. & Volín, J. (gol.). Guarant International, t. 2785-2789 paper ID: 83

**Plasticity of Native Intonation in the L1 of English Migrants to Austria**

Mennen, I., Reubold, U., Endes, K. & Mayr, R., 16 Medi 2022, *Yn: Languages*. 7, 3, t. 241 1 t., 241.

**Parent-child interaction during storybook reading: wordless narrative books versus books with text**

Petrie, A., Mayr, R., Zhao, F. & Montanari, S., 18 Tach 2021, *Yn: Journal of Child Language*. 50, 1, t. 104-131 28 t.

**Speech production in Mandarin-speaking children with cochlear implants: a systematic review**

Li, J., Mayr, R. & Zhao, F., 7 Hyd 2021, *Yn: International Journal of Audiology*. 61, 9, t. 711-719 9 t.

**Social and psychological factors in bilingual speech production: Introduction to the special issue**

Mayr, R. & Morris, J., 28 Medi 2021, *Yn: Languages*. 6, 4, 155.

**Bilingual phonological development across generations: Segmental accuracy and error patterns in second- and third-generation British Bengali children**

Mayr, R., Siddika, A., Morris, J. & Montanari, S., 4 Gorff 2021, *Yn: Journal of Communication Disorders*. 93, 106140.

**The effect of dual language activation on I2-induced changes in L1 speech within a code-switched paradigm**

Reubold, U., Ditewig, S., Mayr, R. & Mennen, I., 29 Meh 2021, *Yn: Languages*. 6, 3, 114.

**Maternal cultural orientation and speech sound production in Spanish/English dual language preschoolers**

Montanari, S., Mayr, R. & Subrahmanyam, K., 22 Ebr 2021, *Yn: Languages*. 6, 2, 78.

**Pure Tone Audiometry and Speech Audiometry**

Zhao, F. & Mayr, R., 11 Ebr 2021, *Manual of Clinical Phonetics*. Ball, M. (gol.). London: Routledge, t. 444-460 (Language and Speech Disorders).

**Does teaching your native language abroad increase I1 attrition of speech? The case of spaniards in the United Kingdom**

Mayr, R., Sánchez, D. & Mennen, I., 22 Hyd 2020, *Yn: Languages*. 5, 4, t. 1-20 20 t., 41.

**Speech and language outcomes in low-SES Spanish-English bilingual preschoolers: the role of maternal education**

Montanari, S., Mayr, R. & Subrahmanyam, K., 17 Meh 2020, *Yn: International Journal of Bilingual Education and Bilingualism*. 25, 5, t. 1590-1608 19 t.

**The Effects of Home Language and Bilingualism on the Realization of Lexical Stress in Welsh and Welsh English**

Mennen, I., Kelly, N., Mayr, R. & Morris, J., 22 Ion 2020, *Yn: Frontiers in Psychology*. 10, 3038.

**Can you tell by their English if they can speak Welsh? Accent perception in a language contact situation**

Mayr, R., Roberts, L. & Morris, J., 29 Hyd 2019, *Yn: International Journal of Bilingualism*. 24, 4, t. 740-766 27 t.

**Jitter and shimmer**

Mayr, R., 29 Ebr 2019, *The SAGE Encyclopedia of Human Communication Sciences and Disorders*. Damico, J. & Ball, M. J. (gol.). Los Angeles: SAGE Publications Inc., t. 959-960 2 t.

**The role of early experience and continued language use in bilingual speech production: A study of Galician and Spanish mid vowels by Galician-Spanish bilinguals**

Mayr, R., López-Bueno, L., Vázquez Fernández, M. & Tomé Lourido, G., 21 Tach 2018, *Yn: Journal of Phonetics*. 72, t. 1-16 16 t.

**Bilingual speech sound development during the preschool years: The role of language proficiency and cross-linguistic relatedness**

Montanari, S., Mayr, R. & Subrahmanyam, K., 26 Hyd 2018, Yn: Journal of Speech, Language, and Hearing Research. 61, 10, t. 2467-2486 20 t.

**The role of linguistic background on sound variation in Welsh and Welsh English**

Morris, J., Mayr, R. & Mennen, I., 25 Ion 2017, *Sociolinguistics in Wales*. Palgrave Macmillan, t. 241-271 31 t.

**Inter-generational transmission in a minority language setting: Stop consonant production by Bangladeshi heritage children and adults**

Mayr, R. & Siddika, A., 16 Hyd 2016, Yn: International Journal of Bilingualism. 22, 3, t. 255-284 30 t.

**Disentangling the effects of long-term language contact and individual bilingualism: The case of monophthongs in Welsh and English**

Mayr, R., Morris, J., Mennen, I. & Williams, D., 26 Tach 2015, Yn: International Journal of Bilingualism. 21, 3, t. 245-267 23 t.

**Differentiation and interaction in the vowel productions of trilingual children**

Mayr, R. & Montanari, S., 2015, *Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS 2015), Glasgow, 10-14 August 2015*. . The International Phonetic Association, 0072

**Influences of language contact and linguistic experience on the production of lexical stress in Welsh and Welsh English**

Mennen, I., Mayr, R. & Morris, J., 2015, *Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS 2015)*. The International Phonetic Association

**Cross-linguistic interaction in trilingual phonological development: The role of the input in the acquisition of the voicing contrast**

Mayr, R. & Montanari, S., 21 Hyd 2014, Yn: Journal of Child Language. 42, 5, t. 1006-1035 30 t.

**Speech learning in bilinguals: Consonant cluster acquisition**

Mayr, R., Jones, D. & Mennen, I., 9 Mai 2014, *Advances in the Study of Bilingualism*. Channel View Publications, t. 3-24 22 t.

**Asymmetries in phonological development: The case of word-final cluster acquisition in Welsh-English bilingual children**

Mayr, R., Howells, G. & Lewis, R., 14 Chwef 2014, Yn: Journal of Child Language. 754, t. 146-179 34 t.

**Morphology**

Plumpton, H. & Mayr, R., 2014, *Methods in Teaching Clinical Linguistics and Phonetics*. Whitworth, N. & Knight, R.-A. (gol.). Albury: J&R Press, t. 101-126

**First language attrition in the speech of DutchEnglish bilinguals: The case of monozygotic twin sisters**

Mayr, R., Price, S. & Mennen, I., Hyd 2012, Yn: Bilingualism. 15, 4, t. 687-700 14 t.

**A cross-dialectal acoustic study of the monophthongs and diphthongs of Welsh**

Mayr, R. & Davies, H., 28 Maw 2011, Yn: Journal of the International Phonetic Association. 41, 1, t. 1-25 25 t.

**Children's acquisition of Welsh in a bilingual setting: a psycholinguistic perspective**

Thomas, E. M. & Mayr, R., Meh 2010, *Welsh in the 21st Century*. Morris, D. (gol.). Cardiff: University of Wales Press, t. 99-117

**Explaining individual variation in L2 perception: Rounded vowels in English learners of German**

Mayr, R. & Escudero, P., 15 Maw 2010, Yn: Bilingualism. 13, 3, t. 279-297 19 t.

**What exactly is a front rounded vowel? An acoustic and articulatory investigation of the nurse vowel in South Wales English**

Mayr, R., 15 Maw 2010, Yn: Journal of the International Phonetic Association. 40, 1, t. 93-112 20 t.

**The monophthongs and diphthongs of North-eastern Welsh: An acoustic study**

Mayr, R. & Davies, H., 2009, Yn: Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH. t. 2315-2318 4 t.

**Speech rate, time pressure and emotion in English and German football commentary**

Mueller, T. & Mayr, R., Ion 2007, *Spoken language pragmatics: An analysis of form-function relations*. Weinert, R. (gol.). London: Bloomsbury - Continuum, t. 160-181 21 t.