

# MICHAEL ANDREW GROSVOLD

Associate Professor of Linguistics

Department of English Literature and Linguistics

College of Arts and Sciences

Qatar University

2713 Doha, Qatar

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## EDUCATION

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- 2009      **PhD, Linguistics.**    University of California, Davis, CA.  
Dissertation:    Long-distance coarticulation – A production and perception study of English and American Sign Language.  
Committee:    David Corina (main advisor), C. Orhan Orgun, Tamara Swaab.
- 1997      **TEFL Certificate.**    ITC International, Prague, Czech Republic.  
One-month intensive course in the Teaching of English as a Foreign Language.
- 1993      **MA, PhD (A.B.D.), Mathematics.**    University of California, Berkeley, CA.  
Focus:    Set Theory, Logic, Infinitary Mathematics, Large Cardinal Numbers.
- 1989      **BAS (Bachelor of Arts and Sciences), Linguistics and Mathematics double major.**  
University of California, Davis.  
Psychology minor.    Graduated *summa cum laude*.

## RESEARCH INTERESTS

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- The phonetics and phonology of spoken and signed languages.
- Variation across individuals in language production and perception.
- Psycholinguistics and the neurobiology of language.
- Computational linguistics.
- Second Language Acquisition and Development.
- The “language” of urban design.
- English as a Foreign Language instruction.

## **WORK EXPERIENCE – LINGUISTICS, PSYCHOLOGY & NEUROSCIENCE**

- 2014-25      **Associate Professor of Linguistics** (2020-25), **Assistant Professor** (2014-20).  
Department of English Literature and Linguistics, Qatar University, Doha, Qatar.  
Courses taught: Introduction to Linguistics, Phonetics and Phonology, Structure of English, History of English, Speech Sciences, Second Language Acquisition, Topics in Linguistics (Theme: “Visual Aspects of Language”), Capstone / Integrated Skills (supervision of undergraduate students’ graduation projects).
- 2010-3      **Post-doctoral Scholar.** Department of Neurology, University of California, Irvine, CA.  
Conducted behavioral and functional magnetic resonance imaging (fMRI) research on the audiovisual perception of speech.
- 2006-10      **Post-doctoral Scholar** (2009-10), **Research Assistant** (2006-9). Center for Mind and Brain, UC Davis.  
Projects included behavioral, phonetic/phonological, and event-related potential (ERP) studies of both spoken and signed language.
- 2007-9      **Associate Instructor.** Introduction to Linguistics. UC Davis.

## **WORK EXPERIENCE – ENGLISH LANGUAGE INSTRUCTION (EFL & ESL)**

- Clients have included university students, military officers, legal and governmental professionals, primary and secondary school teachers and students, and business people at all levels of management.
- 2017-9      Qatari Ministry of Justice, Qatar University Community Service and Continuing Education Center. **Doha, Qatar.**
- 2005-7      UC Davis Extension. **Davis, California.**
- 1997-8 & 2001-3      Potsdam University, Akademie für Fremdsprachen, Lingua Franca, and Lernbrücke Language School. **Berlin, Germany.**
- 1998-9      Lado Management Consultants, Kaplan Test Prep, and National Defense Language Institute. **Taipei, Taiwan.**
- 1996-7      Polyglot Language School. **Prague, Czech Republic.**

## **PUBLICATIONS**

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### **Peer-reviewed journal articles**

- 2023 Asmaa Al-Mohannadi, Raffaello Furlan & **Michael Grosvald**. Women's spaces in the vernacular Qatari courtyard house: How privacy and gendered spatial segregation shape architectural identity. *Open House International*, 48(1), 100-118.
- 2023 Mooza Al-Mohannadi, Reem Awwaad, Raffaello Furlan, **Michael Grosvald**, Rashid Al-Matwi & Rima J. Isaifan. Sustainable Status Assessment of the Transit-Oriented Development in Doha's Education City. *Sustainability*, 15, 1913.
- 2022 Almaha Al-Malki, Reem Awwaad, Raffaello Furlan, **Michael Grosvald** & Rashid Al-Matwi. Transit-Oriented Development and livability: The case of the Najma and Al Mansoura neighborhoods in Doha, Qatar. *Urban Planning*, 7(4), 124-139.
- 2022 Raffaello Furlan, **Michael Grosvald** & Aamna Azad. A social-ecological perspective for emerging cities: The case of the Corniche promenade, "urban majlis" of Doha. *Journal of Infrastructure, Policy and Development*, 6(2), 1496.
- 2022 Aya Hasan Al-Khereibi, Nuri Onat, Raffaello Furlan, **Michael Grosvald** & Reem Youssef Awwaad. Underlying mechanisms of Transit-Oriented Development: A conceptual system dynamics model in Qatar. *Designs*, 6, 71.
- 2021 Sara Nafi, Raffaello Furlan, **Michael Grosvald**, Rashid Al-Matwi & Khalida Lifam. Transit-Oriented Development in Doha: The case of Al Sadd neighborhood and Hamad Hospital metro station. *Designs*, 5, 61.
- 2021 Shikha Patel, Raffaello Furlan & **Michael Grosvald**. A framework for enhancing the spatial urban form of informal economies in India: The case of Krishna Rajendra Market, Bangalore. *Sage Open*, 11, 1-17.
- 2021 Deema Alattar, Raffaello Furlan, **Michael Grosvald** & Rashid Al-Matwi. West Bay business district in Doha, State of Qatar: Envisioning a vibrant transit-oriented development. *Designs*, 5, 33.
- 2019 Tariq Khwaileh & **Michael Grosvald**. The use of translated materials in assessing CVA patients in Qatar: Problems and solutions. *Arab Journal of Applied Linguistics*, 4, 38-49.
- 2019 Sarah Ahmed & **Michael Grosvald**. Long-distance vowel-to-vowel coarticulation in Arabic: Influences of intervening consonant pharyngealization and length. *Language and Speech*, 62, 399-424.
- 2019 **Michael Grosvald** & Tariq Khwaileh. Processing passive constructions in Arabic and English: A cross-language priming study. *Al-'Arabiyya*, 52, 1-28.
- 2019 Arne Nagels, Tilo Kircher, **Michael Grosvald**, Miriam Steines & Benjamin Straube. Evidence for gesture-speech mismatch detection impairments in schizophrenia.

- Psychiatry Research*, 273, 15-21.
- 2016 Arne Nagels, Paul Fährmann, Mirjam Stratmann, Sayed Ghazi, Christian Schales, Michael Frauenheim, Lena Turner, Tobias Hornig, Michael Katzev, Rüdiger Müller-Isberner, **Michael Grosvald**, Axel Krug & Tilo Kircher. Distinct neuropsychological correlates in positive and negative formal thought disorder syndromes: The Thought and Language Disorder scale in endogenous psychoses. *Neuropsychobiology*, 73, 139-47.
- 2015 Arne Nagels, Tilo Kircher, Miriam Steines, **Michael Grosvald** & Benjamin Straube. A brief self-rating scale for the assessment of individual differences in gesture perception and production. *Learning and Individual Differences*, 39, 73-80.
- 2014 Tilo Kircher, Axel Krug, Mirjam Stratmann, Sayed Ghazi, Christian Schales, Michael Frauenheim, Lena Turner, Paul Fährmann, Tobias Hornig, Michael Katzev, **Michael Grosvald**, Rüdiger Müller-Isberner & Arne Nagels. A rating scale for the assessment of objective and subjective formal Thought and Language Disorder (TALD). *Schizophrenia Research*, 160, 216-21.
- 2012 **Michael Grosvald**, Eva Gutierrez, Sarah Hafer & David Corina. Dissociating linguistic and non-linguistic gesture processing: Electrophysiological evidence from American Sign Language. *Brain and Language*, 121, 12-24.
- 2012 David Corina & **Michael Grosvald**. Exploring perceptual processing of ASL and human actions: Effects of inversion and repetition priming. *Cognition*, 122, 330-45.
- 2012 **Michael Grosvald**, Christian Lachaud & David Corina. Handshape monitoring: Evaluation of linguistic and perceptual factors in the processing of American Sign Language. *Language and Cognitive Processes*, 27, 117-41.
- 2012 **Michael Grosvald** & David Corina. Exploring the movement dynamics of oral and manual articulation: Evidence from coarticulation. *Laboratory Phonology*, 3, 37-60.
- 2012 Eva Gutierrez, Deborah Williams, **Michael Grosvald** & David Corina. Lexical access in American Sign Language: An ERP investigation of effects of semantics and phonology. *Brain Research*, 1468, 63-83.
- 2012 **Michael Grosvald** & David Corina. The perceptibility of long-distance coarticulation in speech and sign: A study of English and American Sign Language. *Sign Language & Linguistics*, 15, 73-103.
- 2012 **Michael Grosvald** & C. Orhan Orgun. Human-generated versus computer-generated text-based steganography: Real-world tests of two algorithms. *Journal of Information Hiding and Multimedia Signal Processing*, 3, 24-33.
- 2012 **Michael Grosvald** & David Corina. Perception of long-distance coarticulation: An event-related potential and behavioral study. *Applied Psycholinguistics*, 33, 55-82.
- 2011 David Corina, **Michael Grosvald** & Christian Lachaud. Perceptual invariance or orientation specificity in American Sign Language? Evidence from repetition

- priming for signs and gestures. *Language and Cognitive Processes*, 26, 1102-35.
- 2011 **Michael Grosvald** & C. Orhan Orgun. Free from the cover text: A human-generated natural language approach to text-based steganography. *Journal of Information Hiding and Multimedia Signal Processing*, 2, 133-41.
- 2010 **Michael Grosvald**. Long-distance coarticulation in spoken and signed languages: An overview. *Language and Linguistics Compass*, 4, 348-62.
- 2009 **Michael Grosvald**. Interspeaker variation in the extent and perception of long-distance vowel-to-vowel coarticulation. *Journal of Phonetics*, 37, 173-88.

### **Book chapters**

- 2019 Arne Nagels, Svenja Lüll, Lisa Friederich, Benjamin Straube, **Michael Grosvald** & Silvia Hansen-Schirra. The neural basis of idea density during natural spoken language. In Olga Zlatkin-Troitschanskaia (Ed.), *Frontiers and Advances in Positive Learning in the Age of Information (PLATO)*, pp. 153-163. Springer.
- 2015 **Michael Grosvald**, Martha W. Burton & Steven L. Small. Models of speech processing. In Argye E. Hillis, (Ed.), *The Handbook on Adult Language Disorders* (2nd edition), pp. 255-74. Psychology Press.
- 2014 David Corina, Eva Gutierrez & **Michael Grosvald**. Sign language production. In Matthew Goldrick, Victor Ferreira & Michele Miozzo (Eds.), *The Oxford Handbook of Language Production*, pp. 393-413. Oxford University Press.
- 2012 **Michael Grosvald** & David Corina. The production and perception of sub-phonemic vowel contrasts and the role of the listener in sound change. In María-Josep Solé & Daniel Recasens (Eds.), *The Initiation of Sound Change: Perception, Production, and Social Factors*, pp. 77-100. John Benjamins.
- 2011 **Michael Grosvald** & David Corina. Exploring the limits of long-distance vowel-to-vowel coarticulation. In Mohamed Embarki & Christelle Dodane (Eds.), *La coarticulation: Des indices à la représentation*, pp. 177-86. L'Harmattan.

### **Conference proceedings**

- 2019 **Michael Grosvald**, Sarah Al-Alami & Ali Idrissi. Word reading in Arabic: Influences of diacritics and ambiguity. *Proceedings of the 36th West Coast Conference on Formal Linguistics*.
- 2009 **Michael Grosvald**, Christian Lachaud & David Corina. Influences of linguistic and non-linguistic factors in the processing of American Sign Language: Evidence from handshape monitoring. *Proceedings of the 35th Annual Meeting of the Berkeley*

*Linguistics Society.*

- 2009 **Michael Grosvald** & David Corina. Perception of sub-phonemic contrasts: Comparison of behavioral and event-related potential methodologies. *Proceedings of the 38th Western Conference on Linguistics (WECOL).*
- 2009 **Michael Grosvald** & David Corina. Location-to-Location coarticulation: A phonetic investigation of American Sign Language. *Proceedings of the 24th Northwest Linguistics Conference.*

### **Book review & edited volume**

- 2010 **Michael Grosvald.** Review of Richard Xiao, Paul Rayson & Tony McEnery (2009), *A Frequency Dictionary of Mandarin Chinese: Core Vocabulary for Learners* (London & New York: Routledge). Online at: <https://linguistlist.org/issues/21/21-2576.html>
- 2009 **Michael Grosvald** & Dionne Soares (Eds.). *Proceedings of the 38th Western Conference on Linguistics (WECOL).*

### **PRESENTATIONS**

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#### **Invited talks**

- 2021 Long-distance coarticulation in Arabic: Vowels, pharyngealization and gemination. SRPP (Colloquium of the Laboratoire de Phonétique et Phonologie), Sorbonne Nouvelle University, Paris.
- 2020 The McGurk effect in Qatari Arabic: Influences of lexicality and consonant position. Colloquium, Department of English and Linguistics, Johannes Gutenberg University, Mainz, Germany.
- 2017 Using priming experiments to tap bilingual competence: A case study of one psycholinguistic experiment. Colloquium, Centre for Sign Linguistics and Deaf Studies, Chinese University of Hong Kong. Hong Kong, China.
- 2013 Long-distance coarticulation in English and American Sign Language. Colloquium, Department of Linguistics, Montclair State University. Montclair, NJ.
- 2012 A production and perception study of coarticulation in English and ASL. Colloquium, Department of English, Arizona State University. Tempe, AZ.
- 2012 Linguistic and non-linguistic gesture processing: ERP evidence from American Sign Language. Colloquium, Department of Germanic Linguistics, Philipps-Universität Marburg, Germany.
- 2011 Dissociating linguistic and non-linguistic gesture processing: An ERP study of

- American Sign Language. Workshop on Action, Language and Neuroinformatics, USC Brain Project, University of Southern California. Los Angeles, CA.
- 2010 The production and perception of sub-phonemic vowel contrasts and the role of the listener in sound change. Workshop on Sound Change, Universitat Autònoma de Barcelona & Institut d'Estudis Catalans. Barcelona, Spain.
- 2009 A production and perception study of coarticulation in American Sign Language. Phonetics/Phonology "Phorum" colloquium, Department of Linguistics, UC Berkeley. Berkeley, CA.
- 2008 An investigation of long-distance coarticulation in American Sign Language. Colloquium, Haskins Laboratories. New Haven, CT.

### **Selected conference presentations**

- 2019 **Michael Grosvald**, Shahed Alkhatib, Salma Abdo, Noora Al-Ansari, Dalia Ahmad & Ali Idrissi. Morphological priming in Arabic reading: Dissociating effects of consonantal roots and vocalic word patterns. 33rd Annual Symposium on Arabic Linguistics (ASAL33). Toronto, Canada.
- 2019 Ali Idrissi, Dalia Ahmad, Noora Al-Ansari, Salma Abdo, Shahed Alkhatib & **Michael Grosvald**. Vowel diacritics and orthographic ambiguity in Arabic word recognition: A priming study. ASAL33.
- 2018 Sarah Ahmed & **Michael Grosvald**. Long-distance coarticulation in Arabic: Effects of pharyngealization and consonant length. Arabic Linguistics Forum 2018 (ALiF 18), SOAS University of London. London, UK.
- 2018 Ali Idrissi, Leen Alsayed Hasso, Sarah Al-Alami & **Michael Grosvald**. Visual word recognition in Arabic: Do vowel diacritics matter? ALiF 18.
- 2018 Tristan Schaefer, Kristina Backer, **Michael Grosvald** & David P. Corina. Violations of ASL Sentence Processing: Observed Changes in Neural Oscillations. 25th Annual Meeting of the Cognitive Neuroscience Society. Boston, MA.
- 2018 Sarah Ahmed & **Michael Grosvald**. Long-distance coarticulation and Arabic vowels: Influences of pharyngealization and consonant length. 36th West Coast Conference on Formal Linguistics (WCCFL 36). Los Angeles, CA.
- 2018 Ali Idrissi, Leen Alsayed Hasso, Sarah Al-Alami & **Michael Grosvald**. Vowel diacritics and orthographic ambiguity in Arabic word reading. WCCFL 36.
- 2017 **Michael Grosvald** & Tariq Khwaileh. Syntactic priming in English and Arabic: A cross-language study. 62nd Annual Conference of the International Linguistic Association. Hong Kong, China.
- 2016 **Michael Grosvald** & Tariq Khwaileh. Processing of passive constructions in English

- and Arabic: A priming study. Workshop on Sentence Processing in Multilingual and Other Less Commonly Studied Populations, Potsdam University. Potsdam, Germany.
- 2013 **Michael Grosvald**, Howard C. Nusbaum & Steven L. Small. Perceptual learning in speech processing and the role of visual information. 19th Annual Meeting of the Organization for Human Brain Mapping. Seattle, WA.
- 2012 **Michael Grosvald**, Howard C. Nusbaum & Steven L. Small. Visual information and talker familiarity in speech processing. 4th Annual Neurobiology of Language Conference. San Sebastian, Spain.
- 2011 **Michael Grosvald**, Eva Gutierrez & David Corina. American Sign Language and gesture processing in deaf signers: An Event-Related Potentials study. 18th Meeting of the Cognitive Neuroscience Society. San Francisco, CA.
- 2011 **Michael Grosvald**, Eva Gutierrez & David Corina. An ERP study of ASL and gesture processing in deaf signers. 85th Annual Meeting of the Linguistics Society of America. Pittsburgh, PA.
- 2010 David Corina & **Michael Grosvald**. Investigating recognition of ASL and human actions: Evidence from repetition priming for signs and gestures. 10th Theoretical Issues in Sign Language Research Conference (TISLR). West Lafayette, IN.
- 2010 **Michael Grosvald** & David Corina. Linguistic vs. non-linguistic coarticulation: An ASL study. 12th Conference on Laboratory Phonology (LabPhon). Albuquerque, NM.
- 2010 **Michael Grosvald** & David Corina. A production and perception study of coarticulation in American Sign Language. 84th Annual Meeting of the Linguistics Society of America (LSA 84). Baltimore, MD.
- 2010 **Michael Grosvald** & David Corina. Perceptual invariance in sign language? Evidence from repetition priming. LSA 84.
- 2009 **Michael Grosvald**, Christian Lachaud & David Corina. Sign memory and lexical access: Evidence from American Sign Language. 16th Annual Meeting of the Cognitive Neuroscience Society. San Francisco, CA.
- 2009 **Michael Grosvald**, Christian Lachaud & David Corina. Influences of linguistic and non-linguistic factors in the processing of ASL: Evidence from handshape monitoring. 35th Annual Meeting of the Berkeley Linguistics Society. Berkeley, CA.
- 2009 **Michael Grosvald** & David Corina. Long-distance coarticulation in American Sign Language: A phonetic investigation. 83rd Annual Meeting of the Linguistics Society of America. San Francisco, CA.
- 2008 **Michael Grosvald** & David Corina. An investigation of Location-to-Location coarticulation in ASL. First SignTyp Conference. Storrs, CT.
- 2008 **Michael Grosvald** & David Corina. Location-to-Location coarticulation: A phonetic investigation of ASL. 24th Northwest Linguistics Conference. Seattle, WA.



- 2008 **Michael Grosvald**, Christian Lachaud & David Corina. Motor involvement during perception of human actions: Evidence from American Sign Language. 15th Meeting of the Cognitive Neuroscience Society (CNS 15). San Francisco, CA.
- 2008 David Corina, **Michael Grosvald** & Christian Lachaud. Investigating sign and gesture recognition: Evidence from repetition priming in ASL. CNS 15.
- 2008 **Michael Grosvald** & David Corina. Long-distance vowel-to-vowel coarticulation: A production and perception study. 82nd Annual Meeting of the Linguistics Society of America. Chicago, IL.
- 2007 **Michael Grosvald** & David Corina. Exploring the limits of long-distance vowel-to-vowel coarticulation. Coarticulation workshop, Association Francophone de la Communication Parlée. Montpellier, France.

## **AWARDS & RECOGNITION**

- 2019 Student Research Grant (supporting undergraduate student involvement in faculty research): “Visual processing in Qatari Arabic.” College of Arts and Sciences, Qatar University.
- 2018 Student Research Grant: “Linguistic Structure of Arabic.” College of Arts and Sciences, Qatar University.
- 2015 Start-up Grant, College of Arts and Sciences, Qatar University.
- 2008-9 Travel Grants (2), Department of Linguistics, UC Davis.
- 2008 Steven G. Lapointe Research Award, Department of Linguistics, UC Davis.
- 2004-8 Departmental Research Grants (3), Department of Linguistics, UC Davis.

## **UNIVERSITY SERVICE**

- 2023-5 Committees: Planning, Facilities & Budget; Student Success (2023-4, Chair); Curriculum, Academic Quality & Assessment (2024-5). QU.
- 2022-3 Committees: Schedules & Teaching Load; Research Enabling; Sector Nominations–Cluster of Languages, Communication and Translation (2021-3). QU.
- 2019-22 Committees: Planning, Facilities & Budget (Chair, 2019-20); Curriculum, Academic Quality & Assessment (2019-20); Engagement & Activities (2020-2). QU.
- 2018-9 Committees: Curriculum, Academic Quality & Assessment; Schedules & Teaching Load; Linguistics in the Gulf #6 Conference (Task Force). QU.
- 2016-8 Committees: Research Enabling (Chair, 2016); Budget. QU.
- 2015-6 Committees: External Review; Program Learning Outcomes; Quality Assurance. QU.
- 2014-5 Committees: Linguistics in the Gulf #5 Conference (Chair); Budget; Quality

Assurance; Web; Internships & Practical Courses (Task Force). QU.  
 2008-9 Recruitment Advisory Committee for Dean—Division of Social Sciences. UC Davis.  
 2008 Organizing Committee—38th Western Conference on Linguistics (WECOL). UC Davis.

## **OTHER PROFESSIONAL SERVICE**

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**Ad Hoc Reviewer.** Journals: *Brain Research; Journal of the International Phonetic Association; Language Learning; Human Brain Mapping; Experimental Brain Research; Journal of Phonetics; Phonetica; Brain and Language; Laboratory Phonology; Sign Language and Linguistics; Cognition; Neuropsychologia; Language and Speech; Language and Cognitive Processes; Journal of Cognitive Neuroscience; Language and Linguistics Compass; WIREs Cognitive Science; Engineering Science and Technology; Language, Cognition & Neuroscience; PLOS One; Linguistics Vanguard; Applied Psycholinguistics; Arab Journal for the Humanities.*

Books: María-Josep Solé and Daniel Recasens (Eds.) (2012), *The Initiation of Sound Change: Perception, Production, and Social Factors*; Rachel Channon & Harry van der Hulst (Eds.) (2011), *Formational Units in Sign Languages*.

Grants: (US) National Science Foundation (1 grant, 2015).

**Abstract Reviewer.** Annual Meeting of the Linguistics Society of America (2011, 2012, 2017), Annual Meeting of the Organization for Human Brain Mapping (2013).

**Member, Advisory Board.** Einfach komplex – Leichte Sprache (“Simply complex – plain language” research group). Department of English and Linguistics, Johannes Gutenberg-Universität Mainz, Mainz, Germany (2018-23).

## **COMPUTER SKILLS**

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Microsoft Office, MATLAB, EEGLAB, ERPLAB, Praat, Presentation, SQL, HTML, Adobe Illustrator, Photoshop, UNIX, Final Cut Pro, Python, Prolog, Perl, Zebris with WinData motion-capture system, R & SPSS statistical packages.

## **LANGUAGES**

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American English.	Native
German, Czech, French.	Advanced
Spanish, Mandarin Chinese, American Sign Language.	Intermediate
Russian, Italian, Romanian, Japanese, Arabic.	Beginner / In flux