

Mohammad Abuoudeh

Assistant professor

Academic Position

2018–present **Assistant professor**, *Al-Hussein Ben Talal University*, Department of Language and Linguistics,
Ma'an-Jordan

Education

2012–2018 **PhD in Linguistics**, *The University of Nantes*, Nantes-France,
Specialized in Phonetics

2011–2012 **Master's(2) in Linguistics**, *The University of Nantes*, Nantes-France, – *16.2/20*
Specialized in Phonetics

2010–2011 **Master's(1) in Linguistics**, *The University of Nantes*, Nantes-France, – *13.6/20*
Specialized in Phonetics

2005–2009 **Bachelor's degree in French language and literature**, *Al-Hussein Ben Talal University*, Maan-Jordan, – *91.5/100*

Masters/PhD Thesis

PhD Title *De l'impact des variations temporelles sur les transitions formantiques*
On the impact of temporal variations on formant transitions

Supervisors Orin Percus & Olivier Crouzet

Master's 2 Title *De l'impact de la durée des voyelles sur les transitions formantiques : Les équations de locus sont-elles influencées par le temps?*
On the impact of vowel duration on the formant transitions : Does time influence locus equations ?

Supervisor Olivier Crouzet

Master's 1 Title *Les transitions formantiques de l'arabe jordanien et du français.*
Formant transitions in Jordanian Arabic and in French.

Supervisor Olivier Crouzet

Teaching experience

Assistant professor

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2018 –present **Al-Hussein Ben Talal University**, *Department of Language and Linguistics*, Ma'an-Jordan

I teach the following courses to bachelor students in the Faculty of Arts :

- French language
- French for tourism

Part-time lecturer

2012–2018 **University of Nantes**, *Department of Linguistics*, Nantes-France

I taught the following courses to bachelor and master students in the Faculty of Arts and in the Speach Therapy School :

- Psycholinguistics
- Experimental methodology and statistics
- Physical acoustics
- Phonetics
- Computer for linguistics

Projects

2022–2024 **SDJAD**, *Al-Hussein Ben Tala University*, Principal investigator

Speech Database of Jordanian Arabic Dialects

2017–2018 **MADAR**, *New York University Abu Dhabi*, Linguist

I participated in the creation of the database of the Multi Arabic Dialect Applications and Resources (MADAR) project.

2015–2016 **NaSurd**, *Nantes University*, Nantes-France, Research agent

A project on Nasality and deafness in French language.

Awards

2010 5 year Scholarship offered by Al-Hussein Ben Talal University

Computer skills

Basic Audacity, Python

Intermediate LaTeX, OpenOffice, Linux, Microsoft Windows

Advanced R, Praat

Publications

2026 Abuoudeh, Mohammad. An acoustical dataset of storytelling and story reading in Jordanian Arabic. 66 (112875), Data in Brief. DOI: 10.17632/v9n7g7ns49.1

2026 Abuoudeh, Mohammad & Jalal Al-Tamimi & Olivier Crouzet. Acoustic analysis of the impact of speaking rate and vowel length on spectral information in Jordanian Arabic. Journal of Experimental Phonetics, 35, 147–166. https://doi.org/10.1344/efe-2026-35-147-166

2024 Abuoudeh, Mohammad & Jalal Al-Tamimi & Olivier Crouzet. Speaking style influence on vowel length opposition in Jordanian Arabic. 13th International Seminar of Speech Production - ISSP2024. DOI: 10.21437/issp.2024-53

2024 Abuoudeh, Mohammad & Jalal Al-Tamimi & Olivier Crouzet. L'impact du style de parole sur l'opposition de longueur des voyelles en arabe jordanien. 35èmes Journées d'Études sur la Parole (JEP 2024). https://inria.hal.science/hal-04623111

2024 Prince, Typhanie & Abuoudeh, Mohammad. Étude exploratoire du déficit phonologique dans l'aphasie vasculaire : Complexité des structures syllabiques. Journal of French Language Studies,34, no. 2, 125-54, doi: 10.1017/S0959269523000182

2022 Kreishan, Lana & Abu Rakiyyeh, Bilal & Abuoudeh, Mohammad. Acoustic study of the production of stressed and unstressed-reduced syllables in word recognition. The Journal of Al-Hussein University for Research. 8(2), 325-345.

2022 Abuoudeh, Mohammad & Crouzet, Olivier. L'influence des variations de débit de parole sur les informations temporelles et spectrales associées à la longueur vocalique en arabe jordanien. Proc. XXXIVe Journées d'Études sur la Parole – JEP 2022, 126-134, doi: 10.21437/JEP.2022-14.

2016 Abuoudeh, Mohammad & Crouzet, Olivier. L'impact des variations temporelles intrinsèques et extrinsèques de la voyelle sur la relation consonne-voyelle : Étude translinguistique sur l'arabe jordanien et le francçais. Actes de la conférence conjointe JEP-TALN-RECITAL 2016, volume 1 : JEP.

2014 Abuoudeh, Mohammad & Crouzet, Olivier. Vowel length impact on locus equation parameters : An investigation on Jordanian Arabic. In proceeding of Interspeech, Singapore.

2014 Abuoudeh, Mohammad & Crouzet, Olivier. Les équation de locus sont-elles indépendantes de la temporalité de la parole? Une étude de l'impact de la durée vocalique sur les paramètres des équations de locus en arabe jordanien. In proceedings of XXX Journées d'Etudes sur la Parole JEP-Le Mans, France.

Conferences

2025 Abuoudeh, Mohammad. Speaking rate effects on stop consonant coarticulatory resistance in initial and final positions in French. 6th Phonetics and Phonology in Europe (PaPE 2025). Palma, Spain

2024 Abuoudeh, Mohammad & Jalal Al-Tamimi & Olivier Crouzet. Speaking style influence on vowel length opposition in Jordanian Arabic. 13th International Seminar of Speech Production - ISSP2024. Autrans, France

2024 Abuoudeh, Mohammad & Jalal Al-Tamimi & Olivier Crouzet. L'impact du style de parole sur l'opposition de longueur des voyelles en arabe jordanien. 35èmes Journées d'Études sur la Parole (JEP 2024). Toulouse, France

2023 Abuoudeh, Mohammad & Crouzet, Olivier. Spectral and temporal overlap between phonemic long and short vowels produced in different speaking rates. 9th International Conference on Experimental Phonetics. Universidade de Vigo, Spain.

2022 Abuoudeh, Mohammad & Crouzet, Olivier. L'influence des variations de débit de parole sur les informations temporelles et spectrales associées à la longueur vocalique en arabe jordanien. XXXIVe Journées d'Études sur la Parole – JEP 2022, l'île de Noirmoutier (France).

2021 Prince, Typhanie & Abuoudeh, Mohammad. Déficit phonético phonologique dans l'aphasie vasculaire : Réflexion sur le rôle des structures syllabiques complexes. Séminaire Praxiling, Université Paul Valéry Montpellier 3 - France. Le 28 Mars 2021.(Online)

2016 Abuoudeh, Mohammad & Crouzet, Olivier. Speaking rate effect on consonant-vowel coarticulation and on stop consonant classification. The 15th Conerence on Laboratory Phonology (Labphon15). Cornell University, Ithaca, New York.

2016 Abuoudeh, Mohammad & Crouzet, Olivier. L'impact des variations temporelles intrinsèques et extrinsèques de la voyelle sur la relation consonne-voyelle : Étude translinguistique sur l'arabe jordanien et le français. JEP-TALN-RECITAL. Inalco, Paris.

2015 Abuoudeh, Mohammad & Crouzet, Olivier. A study on locus equations of Jordanian Arabic stop consonants: Do vowel time-based variations impact consonant classification properties ? Colloque Consécutivité et Simultanéité en Linguistique, Langues et Parole. Strasbourg, France

2015 Abuoudeh, Mohammad & Crouzet, Olivier. On the relationship between vowel length and locus equations: Comparing place of articulation discrimination using F2@onset and F2@burst. Phonetics and Phonology in Europe. Cambridge, UK

2014 Abuoudeh, Mohammad & Crouzet, Olivier. Vowel length impact on locus equation parameters : An investigation on Jordanian Arabic. Interspeech. Singapore.

2014 Abuoudeh, Mohammad & Crouzet, Olivier. The impact of vowel length contrasts on locus equations and their implications for perceptual categorization. First Dinafon International Meeting. Campinas, Brazil.

2014 Abuoudeh, Mohammad & Crouzet, Olivier. Les équation de locus sont-elles indépendantes de la temporalité de la parole? Une étude de l'impact de la durée vocalique sur les paramètres des équations de locus en arabe jordanien. XXX Journées d'Etudes sur la Parole JEP-Le Mans, France.

2013 Abuoudeh, Mohammad & Crouzet, Olivier. The impact of vowel duration on locus equation slopes in two different languages: Jordanian Arabic and Metroplitan French. International Conference on Linguistics (ICL) Petra I, Jordan

2013 Abuoudeh, Mohammad & Crouzet, Olivier. The impact of vowel duration on locus equation slopes. Phonetics and Phonology in Iberia, (PaPI) Lisbon, Portugal.

Languages

Arabic	Mothertongue
English	Advanced
French	Advanced

Interests

- Music
- Cooking
- Running