

ANNA SFAKIANAKI

ASSISTANT PROFESSOR OF PHONETICS/PHONOLOGY

Department of Philology, Linguistics Division, University of Ioannina

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EDUCATION

- **Ph.D. in Linguistics** **April 2012**

Aristotle University of Thessaloniki, Greece

Department of Theoretical and Applied Linguistics, School of English Language and Literature

Thesis Title: "An acoustic study of coarticulation in the speech of Greek adults with normal hearing and hearing impairment",

Supervisor: Prof. Katerina Nicolaidis

Grade: Excellent

- **PGDip in Special Education** **June 2012**

University of Crete, Greece

Department of Primary School Education, School of Education Sciences

2-year, 28-module specialization course for in-service state teachers

Grade: Excellent (9.83/10)

- **M.A. in Applied Linguistics** **December 1999**

University of Reading, UK

Department of Linguistic Science, Faculty of Arts and Humanities

Dissertation Title: "The acoustic characteristics of Greek vowels produced by adults and children", Supervisor: Prof. Peter Roach

12-month, full-time course

Awarded with Distinction

Modules: Foundation course in Linguistics (Phonetics, Phonology, Syntax, Semantics), Introduction to Applied Linguistics, Discourse Analysis, Second Language Learning and Teaching, Grammar of English, Research Design and Basic Statistical Methods, Pedagogic Linguistics, Statistics for Language Studies, Experimental Phonetics, Language Pathology

- **B.A. Honors in Education Sciences** **July 1998**

University of Crete, Greece

Department of Primary School Education, School of Education Sciences

4-year, 54-module –Informal specialization in Special Education

Including six-month ERASMUS undergraduate exchange program at the Faculty of Humanities, Nottingham Trent University, UK

(Sept. 1995 – Feb. 1996)

Grade: Excellent (9.84/10)

ACADEMIC TEACHING AND RESEARCH

- **Assistant Professor** **June 2022 – present**

*University of Ioannina
Linguistics Division, Philology Department*

Field: "Phonetics / Phonology"

- **Teaching Staff, Speech Signal Processing Laboratory (E.D.I.P)** **Oct. 2017 – June 2022**

*University of Crete
Department of Computer Science, Speech Signal Processing Laboratory (SSPL)*

Field: "Phonetics and speech technology with emphasis on applications and pedagogical approaches regarding normal and disordered speech"

Main duties: Teaching master's courses: "Introduction to Speech Science and Technology", "Digital speech signal processing", Laboratory research

- **Adjunct Academic Staff (SEP)** **March 2020 – July 2021**

*Hellenic Open University
TEFL Master's Programme "Teaching English as a Foreign/International Language"*

Module: "Learning Difficulties in Teaching English as a Foreign/International Language"

- **Senior Researcher** **Sept. 2016 – Sept. 2020**
European Project "ENRICH-European Training Network" (Horizon 2020)

*University of Crete
Department of Computer Science*

Title: "Enriched Communication Across the Lifespan" (Marie Skłodowska-Curie programme)

- **Research Consultant** **April 2014 – July 2015**
National EU-funded Project "Aristeia II"

*Aristotle University of Thessaloniki, Greece
Department of Theoretical and Applied Linguistics, School of English Language and Literature*

Title: "Developing a biofeedback speech training tool for Greek segmental and suprasegmental features: Application in L2 learning/teaching and clinical intervention (SpeakGreek)"

- **Postdoctoral Researcher** **Jan. 2014 – Dec. 2014**
University Programme "Excellence Scholarships 2013 for Postdoctoral Research"

*Aristotle University of Thessaloniki, Greece
Department of Theoretical and Applied Linguistics, School of English Language and Literature*

Title: "Timing, coarticulation and intelligibility in hearing impaired speech"

- **Postdoctoral Researcher** **Jan. 2014 – Dec. 2014**
Scientific Study (Latsis Foundation Scholarship)

*University of Crete, Greece
Department of Preschool Education, School of Education Sciences*

Title: "Museum of Oral History: An 'experiential' research tool for the maintenance and educational utilization of history and folk tradition"

- **Adjunct Lecturer** **Oct. 2012 – Aug. 2013**

*University of Crete, Greece
Department of Philology*

Main duties: Teaching 3 undergraduate courses: Winter Semester: 1) Introduction to Phonetics, 2) Practical and Experimental Phonetics, Spring Semester: Language and Speech Disorders

- **Postdoctoral Researcher** **Jan. 2013 – Oct. 2015**
National EU-funded Project "THALIS"

*University of Ioannina, Greece
Department of Linguistics, Faculty of Philology*

Title: «"VOCALECT": Vowels of Greek Dialects: Phonetic and phonological analysis, dialect index construction, and diffusion of results through educational material»

- **Laboratory Teaching Assistant** **Feb. 2004 – June 2004**

*Aristotle University of Thessaloniki, Greece
Phonetics Laboratory, Department of Theoretical and Applied Linguistics, School of English Language and Literature*

Main duties: Creation of lab teaching material for undergraduate and postgraduate students, teaching recording techniques and acoustic analyses, creation and maintenance of the Phonetics Lab website, research and lab organization

- **Temporary Part-Time Lecturer** **Sept. 2000 – Jan. 2001**

Faculty of Health and Environment, Leeds Metropolitan (now Leeds Beckett) University, UK

Main duties: Teaching Acoustic Phonetics (lectures and practicals) to Level 3, BSc (Hons) Clinical Language Sciences (Speech and Language Therapy) students, Manager of Phonetics Laboratory

- **Research Officer** **Oct. 1999 – Aug. 2001**
European INCO-COPERNICUS Project SPECO (SPEech CORrector)

*University of Reading, UK
Department of Linguistic Science, Faculty of Arts and Humanities*

Title: «A multimedia multilingual teaching and training system for speech handicapped children»
Research Project funded by the EU: SPECO, INCO-COPERNICUS, Project No. 977126, 1998-2001

- **Teaching Assistant/Seminar Tutor** **Oct. 1999 – Aug. 2001**

*University of Reading, UK
Department of Linguistic Science, Faculty of Arts and Humanities*

Main duties: Assisting in practicals and laboratory phonetics and statistics exercises, exams invigilation, student paper marking

TEACHING EXPERIENCE IN PRIMARY EDUCATION

- **Permanent position as Primary School State Teacher (subsequent to State Examination)** **2005-2017**
 - Officer at the Regional Directorate of Primary and Secondary Education of Crete 2015-2017
 - Service at mainstream primary schools and at the Primary School for the Deaf and Hard-of-Hearing of Heraklion, Crete 2005-2015
- **Temporary position as Primary School State Teacher** **2004-2005**

AWARDS AND GRANTS

- Funding within EU project “ENRICH (Enriched communication across the lifespan)” (Horizon 2020) **2020**
 - Member of research team awarded with John S. Latsis Public Benefit Foundation Scholarship **2014**
 - Postdoctoral Research Excellence Scholarship by the Aristotle University of Thessaloniki Research Committee **2013-2014**
 - Honorary Distinction and Financial Award by the Bank of Greece for PhD Thesis **2012**
 - Postgraduate Grant by the Greek Ministry of Education and Religious Affairs subsequent to state examinations for PGDip in Education **2010-2012**
 - Doctoral Grant by the Greek Ministry of Education and Religious Affairs **2007-2010**
 - Postdoctoral Scholarship by the A.G. Leventis Foundation **2004 - 2005**
 - Science Direct: TOP 25 Articles within the Journal *Lingua*, July – September 2004: 15th position, Georgiafentis, M., Sfakianaki, A. Syntax interacts with prosody: The VOS order in Greek. *Lingua 114*, 935-961. **2004**
 - Drettakis Award of Excellence awarded for highest academic performance in the School of Education Sciences 1994-1998, University of Crete (Grade: 9,84/10,00) **1998**
 - Annual Undergraduate Studies Award for highest performance by:
 - State Scholarships Foundation (I.K.Y.) (1st, 3rd and 4th year)
 - House of Labour, Greece (3rd and 4th year) **1994-1998**
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CONFERENCE AND SUMMER SCHOOL ORGANIZATION

- Co-organization of Thematic Workshop within the 25th International Symposium on Theoretical and Applied Linguistics (25th ISTAL): “*Phonetic/phonological aspects of typical and atypical speech development with emphasis on Greek*”, Aristotle University of Thessaloniki **2022**
 - Member of the Organizing Committee of Summer School “*Speech Processing Courses in Crete*”: «Inclusive neural speech synthesis», University of Crete **2021**
 - Member of the Organizing Committee of Summer School “*Speech Processing Courses in Crete*”: «Neural approaches for speech enhancement, synthesis, and coding», University of Crete **2020**
 - Member of the Organizing Committee of Summer School “*Speech Processing Courses in Crete*”: «Towards Flexible and Intelligible End-to-End Speech synthesis systems», University of Crete **2018**
 - Member of the Organizing and Reviewer Committee of the 1st Panhellenic Scientific Conference “Society and School: A relationship under negotiation”, Regional Directorate of Primary and Secondary Education of Crete **2016**
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ΚΡΙΤΗΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ ΚΑΙ ΣΥΝΕΔΡΙΑ

- **International Journals**

- The Journal of the Acoustical Society of America (JASA) (AIP Publishing LLC)
 - Journal of Monolingual and Bilingual Speech (Equinox Publishing)
 - Clinical Linguistics and Phonetics (Taylor & Francis Online)
 - International Archives of Otorhinolaryngology (IAO) (Thieme)
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- **International Conferences**

- InterSpeech 2022
 - 25th International Symposium on Theoretical and Applied Linguistics (25th ISTAL) 2022
 - 8th International Scientific Conference of the Institute of Humanities and Social Sciences (IAKE) 2022
 - International Scientific Workshop on Speech Processing for Voice, Speech and Hearing Disorders (WSPD 2018), Satellite Event of InterSpeech 2018
 - International Symposium on Monolingual and Bilingual Speech (ISMBS) 2017
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INVITED TALKS AND LECTURES

1. Lecture at the Linguistics Division, Department of Philology, University of Ioannina. Lecture title: "The GrHarvard Corpus: A phonemically balanced sentence corpus in Modern Greek for linguistic research and applications" [in Greek], **2022**.
2. Lecture for the undergraduate course "Teaching the Pronunciation of English", Department of Theoretical and Applied Linguistics, School of English Language and Literature, Aristotle University of Thessaloniki. Lecture title: "L1/L2 Language Teaching and students with Special Educational Needs (SEN)", **2022**.
3. Lecture for the undergraduate course "Phonological Development" Department of Theoretical and Applied Linguistics, School of English Language and Literature, Aristotle University of Thessaloniki. Lecture title: "L1/L2 Language Teaching and students with Special Educational Needs (SEN)", **2021**.
4. Talk at the 10th Student Digital Creation Festival, Regional Centre of Educational Planning (PE.KE.S.) of Crete. Talk title: "Science and Computer Engineering: Speech Technology" [in Greek]. In cooperation with Dr. George Kafentzis, **2021**.
5. Talk at the Specialized Centre for Diagnostic Evaluation and Rehabilitation of Speech, Voice and Language Disorders "The Communication Puzzle", Rethymnon Crete. Talk Title: "The use of the online speech training tool "SpeakGreek" in Speech and Language Therapy" [in Greek], **2018**.
6. Talk at the One-day Event organized by the Society of Primary Education Teachers of Rethymnon County. Talk title: "Speech characteristics of individuals with hearing impairment and tools for improving oral communication" [in Greek], Rethymnon Crete, **2018**.
7. Lecture for the undergraduate course "Teaching Natural Sciences" organised by the Deanery of the School of Sciences and Engineering, University of Crete. Lecture title: "The role of Special Education in Teaching" [in Greek], **2018**.
8. Lecture at the Postgraduate Programme "Special Education" (2017-18) organized by the Departments of Primary Education, Preschool Education and Psychology, University of Crete. Lecture title: "Hearing impairment/Deafness" [in Greek], Rethymnon Crete, **2017**.
9. Lecture for the undergraduate course "Phonological Development", Department of Theoretical and Applied Linguistics, School of English Language and Literature, Aristotle University of Thessaloniki. Lecture title: "Special Education", **2017**.
10. Talk at the One-day Event organized by the Regional Directorate of Primary and Secondary Education of Crete (1770-23/02/2017) for in-service primary school induction teachers of the County of Heraklion. Talk title: "Speech Disorders and New Technologies: Evaluation and Intervention" [in Greek], **2017**.

11. Lectures at the postgraduate course "Digital Speech Signal Processing" (HY-578), Department of Computer Science, University of Crete. Lecture titles: "Articulatory Phonetics", "Acoustic Phonetics", "Interpreting Spectrograms", **2017**.
12. Talk at the One-day Event for "SpeakGreek": A freely accessible online training tool for students of Greek as a second/foreign language and for individuals with speech and hearing disorders. URL: <http://www.enl.auth.gr/phonlab/sg/index.asp>, Aristotle University of Thessaloniki, **2015**
13. Lectures within the Latsis Foundation Scholarship Study "Museum of Oral History: An 'experiential' research tool for the maintenance and educational utilization of history and folk tradition". Lecture titles: "Phonetics in School I & II", **2014**.
14. Talk at the Foundation for Research and Technology-Hellas (FORTH). Talk title: "Problem areas in hearing-impaired speech and the use of visual feedback in therapy", **2013**.
15. Seminar at the Institute of Vocation Training I.E.E.E.K. MORFI. Seminar title: "Children with hearing disorders" [in Greek], **2013**.
16. Unit taught to newly-appointed state teachers within the EU-funded programme "Specialized Educational Support for the Induction of Students with disabilities and/or special education needs" [in Greek] (Greek Ministry of Education and Religious Affairs). Unit title: "Hearing Disorders – Evaluation (initial, formative, summative) and Pedagogical Intervention", **2013**.
17. Seminar at the the Clinical Audiology, Speech and Language (CASL) Research Centre, Queen Margaret University, Edinburgh, UK. Seminar title: "Acoustic aspects of coarticulation in the speech of Greek adults with normal hearing and hearing impairment", **2012**.
18. Talk at the Association of Parents, Guardians and Friends of Persons with ASD, Rethymno Crete. Talk title: "Speech Disorders and New Technologies: Evaluation and Intervention", **2012**.

PUBLICATIONS

Book chapters & Edited Volumes

1. Kalokiri, V., Koutsoudaki, K., Koutsouraki, S., Perikleidakis, G., Spatharaki, A., & **Sfakianaki, A.** (Eds.). (2017). *Proceedings of the 1st Panhellenic Scientific Conference "Society & School: A relationship under negotiation"*, Regional Directorate of Primary and Secondary Education of Crete, Heraklion, May 13-15, 2016, **Vol. A**: 460 pages, ISBN: 978-618-82615-7-0. [in Greek]
2. Kalokiri, V., Koutsoudaki, K., Koutsouraki, S., Perikleidakis, G., Spatharaki, A., & **Sfakianaki, A.** (Eds.). (2017). *Proceedings of the 1st Panhellenic Scientific Conference "Society & School: A relationship under negotiation"*, Regional Directorate of Primary and Secondary Education of Crete, Heraklion, May 13-15, 2016, **Vol. B**: 454 pages, ISBN: 978-618-82615-8-7. [in Greek]
3. Tzakosta, M., **Sfakianaki, A.**, Patsias, A., Kleidis, G., & Tsigdinos, S. (2015). Digital Museum of Greek Oral History: An 'experiential' research tool for the maintenance and educational utilization of history and folk tradition. In M. Tzakosta (Ed.), *Teaching Greek dialects in primary and secondary education: Theoretical approaches and educational applications*, (pp. 300-321). Athens: Gutenberg-Dardanos. [in Greek]

Peer-reviewed Scientific Journals

4. Binos, P., **Sfakianaki, A.**, & Psillas, G. (2021). Consonant repertoire of a prelinguistically deaf child with late-mapping cochlear implants [Case Report]. *Austin Journal of Otolaryngology*, 8(2), ID 1123. <https://austinpublishinggroup.com/otolaryngology/onlinefirst.php>
5. **Sfakianaki, A.**, Nicolaidis, K., Okalidou, A., & Vlahavas, G. (2018). Coarticulatory dynamics in Greek disyllables produced by young adults with and without hearing loss. *Clinical Linguistics & Phonetics* (Special Issue: Phonological and phonetic studies of speech disorders across languages), 32(12), 1162-1184, DOI: [10.1080/02699206.2018.1510987](https://doi.org/10.1080/02699206.2018.1510987).

6. **Sfakianaki, A.**, Nicolaidis, K. & Okalidou, A. (2016). Vowel production and intelligibility in hearing-impaired speech: Evidence from Greek. *Glossologia*, 24, pp. 75-92. Available at <http://glossologia.phil.uoa.gr/sites/default/files/5.Sfakianaki%20et%20al.pdf>.
7. Nicolaidis, K., & **Sfakianaki, A.** (2016). Acoustic characteristics of vowels produced by Greek intelligible speakers with profound hearing impairment II: The influence of stress and context. *International Journal of Speech-Language Pathology*, 18(4), 388-401. DOI: <http://dx.doi.org/10.3109/17549507.2016.1151934>
8. Nicolaidis, K., & **Sfakianaki, A.** (2016). Acoustic characteristics of vowels produced by Greek intelligible speakers with profound hearing impairment I: Examination of vowel space. *International Journal of Speech-Language Pathology*, 18(4), 378-387, DOI: <http://dx.doi.org/10.3109/17549507.2015.1101155>
9. **Σφακιανάκη, Α.** (2013). Η χρήση τεχνολογιών ακουστικής ανάλυσης της ομιλίας στο δημοτικό σχολείο. *Επιστήμες Αγωγής*, 1-2/2013, 159-174. URL: <http://www.ediamme.edc.uoc.gr/index.php?id=143,0,0,1,0,0>
10. Georgiafentis, M., & **Sfakianaki, A.** (2004). Syntax interacts with prosody: The Verb-Object-Subject order in Greek. *Lingua*, 114(7), pp. 935-961. DOI: [10.1016/S0024-3841\(03\)00099-8](https://doi.org/10.1016/S0024-3841(03)00099-8).
11. Vicsi, K., Roach, P., Öster, A., Kacic, Z., Barczikay, P., Tantos, A., Csatari, F., Bakcsi, Z., & **Sfakianaki, A.** (2000). A Multimedia Multilingual Teaching and Training System for Speech Handicapped Children. *International Journal of Speech Technology*. 3(3/5), pp. 290-300. DOI: [10.1023/A:1026563015923](https://doi.org/10.1023/A:1026563015923).

Peer-reviewed Scientific Conference Proceedings

12. **Sfakianaki, A.** (in press). The use of face mask and its effects on communication and learning: Scientific findings and remediation suggestions proposed in recent international bibliography [in Greek]. Proceedings of the 8th *International Scientific Conference of the Institute of Humanities and Social Sciences (IAKE)*, July 8-10, 2022, Heraklion, Crete.
13. **Sfakianaki, A.**, Kafentzis, G., Kiagiadaki, D., & Vlahavas, G. (2021). Effect of face mask and noise on word recognition by children and adults. *Proceedings of the 12th International Conference of Experimental Linguistics (ExLing)*. International Society of Experimental Linguistics, pp. 217-220. DOI: <https://doi.org/10.36505/ExLing-2021/12/0055/000528> Available at: <https://exlingsociety.com/past-proceedings/#2021>
14. Kafentzis, G., Stylianiou, Y., & **Sfakianaki, A.** (2021). Employing the use of tablet PCs in instruction and partly automatising the assessment process of online university courses during the COVID era. Proceedings of the International Conference *Higher Education in the New Normal: the role of Online, Blended and Distance Learning (I HE2021)*, pp. 20-32. Università degli Studi di Bari Aldo Moro, Bari, Italy. URL: [Previous conferences \(eadtu.eu\)](https://www.eadt.uo.it/previous-conferences)
15. **Sfakianaki, A.**, & Kafentzis, G. (2021). Investigating voice function characteristics of Greek speakers with hearing loss using automatic glottal source feature extraction. *Proceedings of Interspeech 2021*, pp. 1394-1398. DOI: 10.21437/Interspeech.2021-870. Available at: https://www.isca-speech.org/archive/interspeech_2021/sfakianaki21_interspeech.html
16. **Sfakianaki, A.** (2021). Designing a Modern Greek sentence corpus for audiological and speech technology research. In T. Markopoulos, C. Vlachos, A. Archakis, D. Papazachariou, G. J. Xydopoulos and A. Roussou (Eds.). *Proceedings of the 14th International Conference on Greek Linguistics*, pp. 1119-1129. University of Patras (ISBN: 978-618-5496-03-6). Available at: <https://pasithee.library.upatras.gr/icgl/article/view/3745/3787>
17. Nicolaidis, K., **Sfakianaki, A.**, Vlahavas, G., & Kafentzis, G. (2019). An acoustic study of Greek voiceless stops. In S. Calhoun, P. Escudero, M. Tabain & P. Warren (Eds.) Proceedings of the 19th International Congress of Phonetic Sciences, pp. 1184-1188. Canberra, Australia: Australasian Speech Science and Technology Association Inc. Available at: <https://assta.org/proceedings/ICPhS2019/>
18. **Sfakianaki, A.**, & Tzakosta, M. (2018). Speech recording and processing techniques in school for the enrichment and utilization of the Digital Museum of Greek Oral History. In V. Kalokiri, I. Kanellos, A. Koutsoudaki, S. Koutsouraki, G. Perikleidakis & A. Spatharaki (Eds.). *Proceedings of the 2nd Panhellenic Scientific Conference "Education and Culture: Relationships and Prospects"*, Vol. B, pp. 379-389. ISBN: 978-618-83694-4-3. [in Greek]
19. **Sfakianaki, A.**, Nicolaidis, K., Papanikolaou, G., Avdelidis, K., & Kainada, E. (2017). Speech training with audiovisual (bio)feedback using the online tool "SpeakGreek". In V. Kalokiri, K. Koutsoudaki, S. Koutsouraki, G. Perikleidakis, A. Spatharaki & A. Sfakianaki (Eds.), *Proceedings of the 1st Panhellenic Scientific Conference "Society and School: A relationship under negotiation"*, Vol. 2, pp. 344-353. ISBN: 978-618-82615-8-7. [in Greek]

20. **Sfakianaki, A.**, & Nicolaidis, K. (2016). Acoustic aspects of segmental and suprasegmental productions of Greek hearing-impaired speech: A qualitative analysis. *Selected Papers on Theoretical and Applied Linguistics* (From the 21st International Symposium on Theoretical & Applied Linguistics, Aristotle University of Thessaloniki, April, 5-7, 2013), Vol. 21, pp. 401-425. Available at <https://ejournals.lib.auth.gr/thal/article/view/5239/5125>.
21. Tzakosta, M., **Sfakianaki, A.**, & Patsias, A. (2015). Digital museum of Greek oral history: How an 'experiential' treasure becomes a research and educational tool in the hands of students. *Studies in Greek Linguistics* 35, 546-555. URL: http://ins.web.auth.gr/images/MEG_PLIRI/MEG_35_546_555.pdf [in Greek]
22. Tzakosta, M., Patsias, A., & **Sfakianaki, A.** (2014). Digital museum of Greek oral history: How dialectal speech corpora remain vivid in class. In the *ICT for Language Learning 2014: Conference Proceedings*, 7th Edition, Librariauniversitaria.it.Edizioni. ISBN: 8862925484. Available at <http://conference.pixel-online.net/ICT4LL/files/ict4ll/ed0007/FP/1191-ETL752-FP-ICT4LL7.pdf>
23. Nicolaidis, K., Papanikolaou, G., Avdelidis, K., Kainada, E., **Sfakianaki, A.**, Vrisis, L., Konstantoudakis, K., Starchenko, I., & Kelmali, E. (2014). SpeakGreek: Development of an online training tool. In the *Proceedings of the 7th Panhellenic Conference "Akoustiki 2014"*, pp. 144-151, Hellenic Institute of Acoustics (EL.IN.A.) - Aristotle University of Thessaloniki. [in Greek]
24. Stylianou, Y., Hazan, V., Aubanel, V., Godoy, E., Granlund, S., Huckvale, M., Jokinen, E., Koutsogiannaki, M., Mowlaee, P., Nicolao, M., Raitio, T., **Sfakianaki, A.**, & Tang, Y. (2012). P8-Active Speech Modifications. Final Project Report. In *Proceedings of the 8th International Summer Workshop on Multimodal Interfaces*, pp. 61-82. Available at <http://enterface12.metz.supelec.fr/eNTERFACE12-Proceedings.pdf>
25. **Sfakianaki, A.** (2012). F1 coarticulation phenomena in the productions of Greek speakers with hearing impairment. In Z. Gavriilidou, A. Efthymiou, E. Thomadaki & P. Kambakis-Vougiouklis, (Eds.), *Selected papers of the 10th International Conference on Greek Linguistics*, pp. 520-527. Komotini/Greece: Democritus University of Thrace. Available at <https://www.icgl.gr/el/>
26. Nicolaidis, K., & **Sfakianaki, A.** (2007). An acoustic analysis of vowels produced by Greek speakers with hearing impairment. In the *Proceedings of the 16th International Congress of Phonetic Sciences (ICPhS)*, ID 1358, pp. 1969-1972, Saarbrücken, Germany (August 6-10, 2007). Available at <http://www.icphs2007.de/conference/Papers/1358/1358.pdf>
27. Georgiarentis, M., & **Sfakianaki, A.** (2002). The Syntax-Prosody Interface: VOS in Greek. In Ch. Clairis (Ed.), *Recherches en Linguistique Grecque, 1*, pp. 211-214. Paris: L'Harmattan.
28. **Sfakianaki, A.** (2002). The acoustic characteristics of Greek vowels produced by adults and children. In M. Makri-Tsilipakou, M. (Ed.), *Selected Papers on Theoretical and Applied Linguistics* (From the 14th International Symposium on Theoretical and Applied Linguistics, Aristotle University of Thessaloniki, Greece April 20-22, 2000), pp. 383-394. Available at <https://ejournals.lib.auth.gr/thal/article/view/6223>
29. **Sfakianaki, A.**, Roach, P., Vicsi, K., Öster, A., Kacic, Z., Barczikay, P., & Tantos, A. (2001). SPECO: An audiovisual system for speech teaching and training in European languages. In M. Vamvoukas & A. Hatzidaki (Eds.), *Proceedings of the International Conference "Learning and teaching Greek as a first and second language"*, University of Crete, Rethymno (October 6-8, 2000). Vol. B, pp. 217-227. Athens: Atrapos. [in Greek]
30. **Sfakianaki, A.**, Roach, P., Vicsi, K., Csatari, F., Öster, A., Kacic, Z., & Barczikay, P. (2001). SPECO: Computer-based Phonetic Training for Children. In J. A. Maidment & E. Estebas-Vilaplana, (Eds.), *Proceedings of the Phonetics Teaching & Learning Conference*, pp. 43-46. Department of Phonetics and Linguistics, UCL, London, UK (April 5-7, 2001).
31. Vicsi, K., Roach, P., Öster, A., Kacic, Z., Csatari, F., **Sfakianaki, A.**, Veronik, R., & Gordos, G. (2001). A Multilingual Multimodal Speech Training System, SPECO. In *Proceedings of Eurospeech 2001 – Scandinavia. 7th European Conference on Speech Communication and Technology*, pp. 2807-2810. Aalborg, Denmark, September 3-7, 2001. Available at: https://www.isca-speech.org/archive/eurospeech_2001/vicsi01_eurospeech.html

Peer-reviewed Scientific Conferences –Extended Abstracts

32. **Sfakianaki, A.**, Kafentzis, G., & Stylianou, Y. (2021). The GrHarvard Corpus: A Greek sentence corpus for speech technology research and applications. Poster Presentation at the *3rd Summit on Gender Equality in Computing (GEC2021)*, July 2, 2021, University of West Attica. URL: <https://acmw-gr.acm.org/en/posters/gec-2021-posters>

33. Baltazani, M., Kainada, E., Nikolaidis, K., **Sfakianaki, A.**, Lengeris, A., Tsiartsoni, E., Papazachariou, D., & Giakoumelou, M. (2014). Cross-dialectal vowel spaces in Greek. Poster Presentation at the *14th Laboratory Phonology Conference*, Tokyo, July 25-27, 2014. DOI: 10.13140/2.1.2859.2641
34. Tzakosta, M., Patsias, A., & **Sfakianaki, A.** (2014). How oral history helps pupils become researchers. Poster presented at the *11th International Teaching and Language Corpora Conference (TALC 11)*. University of Lancaster, Lancaster, UK, July 20-23, 2014. Available at <http://ucrel.lancs.ac.uk/talc2014/doc/TALC2014-abstract-book.pdf>
35. Scobbie, J., & **Sfakianaki, A.** (2013). A single speaker study of Modern Greek. The effect of stress, syllable position and consonantal context on vowels and of vowel context on intervocalic consonants. Poster presentation at *Ultrafest VI*, pp. 91-93. Queen Margaret University, Edinburgh, UK, 6-8 November, 2013. Available at <http://doczz.net/doc/1094282/ultrafest-abstract-booklet---queen-margaret-university>
36. **Sfakianaki, A.**, Nicolaidis, K., & Okalidou, A. (2012). Intelligibility and production in Greek hearing impaired speech. In the *Proceedings of The Listening Talker Workshop*, Edinburgh, UK (May 2-3, 2012).

PRESENTATIONS AT CONFERENCES, SYMPOSIA, ONE-DAY EVENTS AND WORKSHOPS (PEER-REVIEWED)

1. Heraklion, Crete, 8-10 July **2022** [oral presentation]
"The use of face mask and its effects on communication and learning: Scientific findings and remediation suggestions proposed in recent international bibliography" [in Greek] *8th International Scientific Conference of the Institute of Humanities and Social Sciences (IAKE)*, URL: <https://iake.weebly.com/8congr.html>
2. Aristotle University of Thessaloniki, 13-15 May **2022** [oral presentation]
«The fricative /s/ in Greek hearing-impaired and normal-hearing young adult speech: Acoustic characteristics and articulatory variability» *25th International Symposium on Theoretical and Applied Linguistics (ISTAL)*. In cooperation with Katerina Nicolaidis and George Kafentzis. URL: <https://www.new.enl.auth.gr/istal25/>
3. Macedonia Palace, Thessaloniki, 17-20 March **2022** [oral presentation]
The effect of face mask on word recognition in children and adults under noise conditions. Preliminary results. *21st Panhellenic Conference Otorhinolaryngology, Head & Neck Surgery*. In cooperation with George Kafentzis, Devora Kiagiadaki, George Vlahavas & Yannis Stylianou. URL: <https://orl2022.frei.gr/>
4. Università degli Studi di Bari Aldo Moro, Bari, Italy, 3-5 November **2021** [oral presentation]
"Employing the use of tablet PCs in instruction and partly automatising the assessment process of online university courses during the COVID era." Conference *Higher Education in the New Normal: the role of Online, Blended and Distance Learning (I HE2021)*. In cooperation with George Kafentzis and Yannis Stylianou. URL: Previous.conferences.eadtu.eu
5. International Society of Experimental Linguistics, Athens, 11-13 October **2021** [online oral presentation]
"Effect of face mask and noise on word recognition by children and adults". *12th International Conference of Experimental Linguistics (ExLing)*. URL: <https://exlingsociety.com/past-conferences/#2021>
6. Brno, Czech Republic, 30 August - 3 September, **2021** [online oral presentation]
"Investigating voice function characteristics of Greek speakers with hearing loss using automatic glottal source feature extraction". Special Session "Voice quality characterization for clinical voice assessment: Voice production, acoustics, and auditory perception" of International Conference *INTERSPEECH 2021*. In cooperation with George Kafentzis. URL: <https://www.interspeech2021.org/>
7. University of West Attica, 2 July **2021** [online oral presentation]
"The GrHarvard Corpus: A Greek sentence corpus for speech technology research and applications". *3rd Summit on Gender Equality in Computing (GEC2021)*. In cooperation with George Kafentzis and Yannis Stylianou. URL: <https://acmw-gr.acm.org/en/posters/gec-2021-posters>
8. University of Patras, 6-8 September **2019** [oral presentation]
"Designing a Modern Greek sentence corpus for audiological and speech technology research". *14th International Conference on Greek Linguistics (ICGL 14)*. URL: <https://icgl14.events.upatras.gr/>

9. Melbourne, Australia, 5-9 August **2019** [oral presentation]
 "An acoustic study of Greek voiceless stops". *International Congress of Phonetic Sciences (ICPhS 2019)*. In cooperation with Katerina Nicolaidis, George Vlahavas & George Kafentzis. URL: <https://www.icphs2019.org/>
10. Regional Directorate of Primary and Secondary Education of Crete, Heraklion, 20-22 April **2018** [oral presentation - workshop]
 "Speech recording and processing techniques in school for the enrichment and utilization of the Digital Museum of Greek Oral History" [in Greek]. *2nd Panhellenic Scientific Conference "Education and Culture: Relationships and Prospects"*. In cooperation with Marina Tzakosta. URL: <http://synedria.pdekritis.gr/index.php/el/component/jem/event/1-ekpaidefsi-kai-politismos-sxesels-kai-prooptikes>
11. University of Crete, Rethymnon, 6-8 October **2017** [oral presentation]
 "Assessing voice features of Greek speakers with hearing loss". *1st Conference on Interdisciplinary Approaches to Linguistic Theory (CIALT)*. In cooperation with George Kafentzis. URL: <http://linguistics.philology.uoc.gr/cialt1/index.php>
12. Great Arsenal, Chania, 4-7 September **2017** [oral presentation]
 "Vowel-to-Vowel Coarticulation in Normal-Hearing and Hearing-Impaired Speech". International Symposium on Monolingual and Bilingual Speech (*ISMBS 2017*). In cooperation with Katerina Nicolaidis and Areti Okalidou. URL: <http://ismbs.eu/ismbs-2017/>
13. Regional Directorate of Primary and Secondary Education of Crete, Hersonissos, 13-15 May **2016** [oral presentation]
 «Speech training with audiovisual (bio)feedback using the online tool "SpeakGreek"» [in Greek]. *1st Panhellenic Scientific Conference "Society and School: A relationship under negotiation"*. In cooperation with Katerina Nicolaidis, George Papanikolaou, Konstantinos Avdelidis & Evia Kainada. URL: <http://synedria.pdekritis.gr/index.php/el/arxeio-synedriou/1o-synedrio-1/koinonia-kai-sxoleio>
14. Aristotle University of Thessaloniki, 24-26 April **2015** [oral presentation]
 "Computer Assisted Teaching of Vowel Production to Learners of Greek as an L2 and individuals with speech disorders". *22nd International Symposium on Theoretical and Applied Linguistics*. In cooperation with Katerina Nicolaidis, George Papanikolaou, Evia Kainada, Konstantinos Avdelidis & Konstantinos Konstandoudakis. URL: <http://www.enl.auth.gr/ISTAL22/index.html>
15. Department of Preschool Education, University of Crete and John S. Latsis Public Benefit Foundation, Rethymnon, 18 October **2014** [oral presentation]
 «How dialectal treasures become alive in the Greek school: The utilization of the Digital Museum of Greek Oral History in Education» [in Greek]. *One-day Event "Teaching Greek dialects in primary and secondary education: Theoretical approaches and educational applications"*. In cooperation with Angelos Patsias, Giorgos Kleidis, Stelios Tsigdinos & Marina Tzakosta.
16. Florence, Italy, 13-14 November **2014** [online oral presentation]
 "Digital museum of Greek oral history: How dialectal speech corpora remain vivid in class". *International Conference on Innovation in Language Learning, Edition 7*. In cooperation with Marina Tzakosta and Angelos Patsias. URL: https://conference.pixel-online.net/ICT4LL/prevedition.php?id_edition=5&mat=CPR
17. Hellenic Institute of Acoustics (EL.IN.A.)– Aristotle University of Thessaloniki, 20-21 October **2014** [oral presentation]
 "SpeakGreek: Development of an online training tool" [in Greek]. *7th Panhellenic Conference "Akoustiki 2014"*. In cooperation with Katerina Nicolaidis, George Papanikolaou, Konstantinos Avdelidis, Evia Kainada, Lazaros Vrisis, Konstantinos Konstandoudakis, Julia Starcenko & Eirini Kelmali. URL: <https://conferences.helina.gr/2014/gr/>
18. University of Patras, 25-28 September **2014** [oral presentation]
 "Qualitative research in service of the Greek dialects and their teaching in the Greek educational system: the case of the Digital Museum of Greek Oral History". *6th Conference on Modern Greek Dialects and Linguistic Theory (MGDLT)*. In cooperation with Marina Tzakosta and Angelos Patsias. URL: <https://docplayer.gr/3517300-MgdlT-6-th-international-conference-on-modern-greek-dialects-linguistic-theory-september-25-28-2014-university-of-patras.html>
19. Tokyo, Japan, 25-27 July **2014** [poster presentation]
 "Cross-dialectal vowel spaces in Greek". *14th Conference on Laboratory Phonology (LabPhon 14)*. In cooperation with Mary Baltazani, Evia Kainada, Katerina Nicolaidis, Angelos Lengeris, Eleni Tsiartsioni, Dimitris Papazachariou & Maria Giakoumelou. URL: <https://www2.ninjal.ac.jp/past-events/labphon14/>
20. University of Lancaster, Lancaster, 20-23 July **2014** [oral presentation]
 "How oral history helps pupils become researchers". *11th International Teaching and Language Corpora*

Conference (TALC 11). In cooperation with Marina Tzakosta and Angelos Patsias. URL: <http://ucrel.lancs.ac.uk/talc2014/>

21. Department of Linguistics, Aristotle University of Thessaloniki, 8-10 May **2014** [oral presentation]
"Digital museum of Greek oral history: How an 'experiential' treasure becomes a research and educational tool in the hands of students" [in Greek]. *35th Ετήσια Συνάντηση του Τομέα Γλωσσολογίας*. Σε συνεργασία με τους Μαρίνα Τζακώστα και τον Άγγελο Πατσιά. URL: https://www.lit.auth.gr/amgl35/amgl35_gr/index.html
22. Queen Margaret University, Edinburgh, 6-8 November **2013** [poster presentation]
"A single speaker study of Modern Greek. The effect of stress, syllable position and consonantal context on vowels and of vowel context on intervocalic consonants". *Ultrafest VI* (Ultrasound imaging for linguistic investigation). In cooperation with James Scobbie. URL: <http://doczz.net/doc/1094282/ultrafest-abstract-booklet--queen-margaret-university>
23. Aristotle University of Thessaloniki, 5-7 April **2013** [oral presentation]
"Acoustic aspects of segmental and suprasegmental productions of Greek hearing-impaired speech: A qualitative analysis". *21st International Symposium on Theoretical & Applied Linguistics (ISTAL)*. Aristotle University of Thessaloniki. In cooperation with Katerina Nicolaidis. URL: <http://www.enl.auth.gr/ISTAL21/index.html>
24. Metz Campus of Supélec, Metz, France, 2-27 July **2012** [oral presentation]
"P8-Active Speech Modifications. Final Project Report". *8th International Summer Workshop on Multimodal Interfaces (eINTERFACE 2012)*. In cooperation with Yannis Stylianou, Valerie Hazan, Vincent Aubanel, Elizabeth Godoy, Sonia Granlund, Mark Huckvale, Emma Jokinen, Maria Koutsogiannaki, Pejman Mowlae, Mauro Nicolao, Tuomo Raitio, & Yan Tang. URL: <http://interface12.metz.supelec.fr/index.php>
25. University of Edinburgh, Edinburgh, 2-3 May **2012** [poster presentation]
"Intelligibility and production in Greek hearing impaired speech". *The Listening Talker Workshop (LISTA Workshop)*. In cooperation with Katerina Nicolaidis and Areti Okalidou.
26. University of Crete, Rethymnon, 31 March **2012** [oral presentation]
"Physics behind speech – New technologies for speech training" [in Greek]. the *One-day Event "Multimedia and Education, Interventions in Science Education"*.
27. University of Macedonia, Thessaloniki, 1-3 December **2011** [oral presentation]
"Speech intelligibility and acoustic characteristics of hearing-impaired speech" [in Greek]. *14th International Conference of the Hellenic Educational Society "Education of Individuals with Special Needs: A challenge for School and Society"*. In cooperation with Katerina Nicolaidis. URL: <http://www.pee.gr/wp-content/uploads/programme.pdf>
28. Democritus University of Thrace, Komotini, 1-4 September **2011** [oral presentation]
"F1 coarticulation phenomena in the productions of Greek speakers with hearing impairment". *10th International Conference on Greek Linguistics (ICGL)*. URL: <http://www.icgl.gr/>
29. Saarbrücken, Germany, 6-10 August **2007** [oral presentation]
"An acoustic analysis of vowels produced by Greek speakers with hearing impairment". *16th International Congress of Phonetic Sciences (ICPhS)*. In cooperation with Katerina Nicolaidis. URL: <http://www.icphs2007.de/>
30. Queen Margaret College, Edinburgh, 10-12 April **2006** [poster presentation]
"Acoustic characteristics of vowels produced by Greek speakers with profound hearing impairment". *British Association of Academic Phoneticians Colloquium (BAAP)*. In cooperation with Katerina Nicolaidis. URL: <https://www.baap.ac.uk/colloquium/>
31. Department of Linguistics, Aristotle University of Thessaloniki, 7-9 May **2004** [oral presentation]
"Acoustic characteristics of corner vowels /i, a, u/ and the coarticulatory influence of consonants /t/ and /s/ in relation to degree of hearing loss in the speech of 8 Greek adults" [in Greek]. *25th Annual Meeting of the Department of Linguistics*.
32. University of Crete, Rethymnon, 6-8 October **2000** [oral presentation]
"SPECO: An audiovisual system for speech teaching and training in European languages». *Διεθνές Συνέδριο «Μάθηση και Διδασκαλία της Ελληνικής ως μητρικής και ως δεύτερης Γλώσσας"* [in Greek]. In cooperation with Peter Roach, Klára Vicsi, Anne-Marie Öster, Zdravko Kacic, Peter Barczikay & Andras Tantos.
33. Université René Descartes, Sorbonne, 13-15 September **2001** [oral presentation]
"The Syntax-Prosody Interface: VOS in Greek". *5th International Conference on Greek Linguistics (ICGL)*. In cooperation with Michalis Georgiafentis.

34. Aalborg, Denmark, 3-7 September **2001** [oral presentation]
 "A Multilingual Multimodal Speech Training System, SPECO". *7th European Conference on Speech Communication and Technology (Eurospeech 2001)*. In cooperation with Klára Vicsi, Peter Roach, Anne-Marie Öster, Zdravko Kacic, Ferenz Csatári, R. Veronik & Géza Gordos. URL: https://www.isca-speech.org/archive/eurospeech_2001/index.html
35. Department of Philology, Aristotle University of Thessaloniki, 26-28 April **2001** [oral presentation]
 "Errors of Automatic Formant Tracking in Estimating Vowel Formants in Greek Child Speech". *22nd Annual Meeting of the Department of Linguistics*.
36. Department of Phonetics & Linguistics, UCL, London, 5-7 April **2001** [oral presentation]
 "SPECO: Computer-based Phonetic Training for Children". *Phonetics Teaching & Learning Conference 2001 (PTLC 2001)*. In cooperation with Peter Roach, Klára Vicsi, Ferenz Csatári, Anne-Marie Öster., Zdravko Kacic & Peter Barczikay.
37. Queen Margaret University College, Edinburgh, 16-19 August **2000** [poster presentation]
 "SPECO: A multilingual multimedia feedback system for clinical applications". *8th Meeting of the International Clinical Phonetics and Linguistics Association (ICPLA)*. In cooperation with Peter Roach, Klára Vicsi, Anne-Marie Öster., Zdravko Kacic & Peter Barczikay & Andras Tantos. URL: <http://www.icpla.info/conferences>
38. Aristotle University of Thessaloniki, 20-22 April **2000** [oral presentation]
 "The acoustic characteristics of Greek vowels produced by adults and children". *14th International Symposium on Theoretical and Applied Linguistics*.

OTHER SKILLS

LANGUAGES

- **Greek** - Native
- **English** – Excellent (Cambridge Proficiency, TOEFL, M.A. and Ph.D. in English, undergraduate and postgraduate courses teaching in English)
- **Greek Sign Language** – Very Good (4-year studies and teaching post at the Primary School for the Deaf and Hard-of-Hearing of Heraklion, 2012-13)
- **German** – Good (Zertifikat –Deutsch als Fremdsprache)
- **Italian** – Adequate (2-year studies)

COMPUTER SKILLS

Computer skills certification

- B-Level Certification "In-service training of teachers in the utilization and application of ICTs in the teaching practice" of the Programme "Education and Lifelong Learning", NSRF (2007-2013), Greek Ministry of Education and Religious Affairs **2015**
- Successful completion of 4 courses in Information Technology at the Department of Primary School Education, University of Crete (Introduction to Information Technology I & II, Advances in Information Technology I & II) **2010-2012**
- A-Level Certification in "Skills and Knowledge of ICT" of the Programme "Information Society", Greek Ministry of Education and Religious Affairs **2006**

Knowledge of sound and image editing and analysis software

- Sound recording and editing: ProRec, Audacity, Sound Forge, Cool Edit
- Video editing: Camtasia Studio
- Acoustic analysis: Praat, WaveSurfer
- Phonetic-Linguistic Annotation: Praat, Montreal forced aligner
- Articulatory Analysis: Articulate Instruments (ultrasound for speech research)
- Statistical Analysis: SPSS, Minitab
- Webpage creation: HTML, CSS