

Curriculum Vitae

NOVEMBER 2017

NAME: George K. Mikros
ADDRESS: Department of Italian Language and Literature
School of Philosophy
National and Kapodistrian University of Athens
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MARITAL STATUS Married, 2 children

RESEARCH INTERESTS:

Computational Linguistics, Computational Stylistics, Quantitative Analysis of Linguistic Data, Sociolinguistic Variation, Text Mining, Authorship Attribution and Verification, Data Mining, Machine Learning, Phonetics.

ACADEMIC POSITIONS:

2012-present Professor of Computational and Quantitative Linguistics,
Department of Italian Language and Literature,
School of Philosophy,
National and Kapodistrian University of Athens,
Greece.

2017-present Director of the Computational Stylistics Laboratory
Department of Italian Language and Literature,
School of Philosophy,
National and Kapodistrian University of Athens,
Greece.

2013-present Adjunct Faculty,
Department of Applied Linguistics,
Master of Arts Online Program
University of Massachusetts, Boston
U.S.A.

2016-present Director of the Spanish Studies Program at the Hellenic Open
University.

2001-present Coordinator of the Department of Linguistics in the Spanish Studies
Program at the Hellenic Open University.

2014 Visiting Professor
Department of Applied Linguistics,
University of Massachusetts, Boston
U.S.A.

2015 Visiting Researcher
Exploring Variations in Language (EVL) Laboratory
Department of Computing Science and Mathematics,
Duquesne University, Pittsburgh
U.S.A.

EDUCATION:

Graduate (1992-1999):

Ph.D. in Linguistics, 1999
Dissertation: *Sociolinguistic approach of Modern Greek phonological problems. Phonetic variation in nasal consonants*
Thesis Supervisor: Prof. D. Theofanopoulou-Kontou
Department of Linguistics, Faculty of Philology,
National and Kapodistrian University of Athens, Greece

Undergraduate (1987-1991):

B.A. in Italian Language and Literature, GPA 8.4 (out of 10).
Department of Italian Language and Literature,
Aristotelian University of Thessaloniki, Greece

FURTHER EDUCATION:

2006

Intensive course in the University of Washington, Seattle, WA, USA, entitled "Statistics in Information Retrieval" organized during the 29th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval.

1997

Intensive course in the University of Glasgow, UK, entitled "Workshop in Computationally-Intensive Methods in Quantitative Linguistics".

PUBLICATIONS

Books

1. Mikros, G. Hatzigeorgiu, N. & Carayannis, G. (in preparation). *A frequency dictionary of Modern Greek*. London: Routledge
2. Mikros, G., (2015). *Computational Stylistics*. [ebook] Athens:Hellenic Academic Libraries Link. Available Online at: <http://hdl.handle.net/11419/4860>
3. Mikros, G. & J. Macutek (eds) (2015). *Sequences in Language and Text*. Berlin: Walter de Gruyter. (ISBN: 978-3-11-036287-9)
4. Mikros, G. (2009). *Quantitative analysis of sociolinguistic variation. Theoretical and methodological approaches* [in Greek]. Athens: Metexmio. (ISBN: 978-960-455-524-6), 408 pp.
5. Mikros, G. (2005). *Contrastive Phonetics and Phonology of Spanish and Modern Greek* [in Greek]. Athens: LIBRIS-TECH (ISBN: 960-8319-29-3), 150 pp.
6. Mikros, G. (2001). *Studying Language and Culture: From Latin to Spanish* [in Greek]. Textbook for the Program of Studies "Spanish Language and Culture", Patras: Hellenic Open University, 220 pp.

Journal papers

1. Mikros, G. & Carayannis, G. (to be submitted). "Quantitative analysis of the final -n rule in Modern Greek. Using corpus linguistics to form spelling rules". *International Journal of Corpus Linguistics*.
2. Juola, P. & Mikros, G. (under review). "Cross-linguistic indicators of writing style". *Journal of Quantitative Linguistics*.
3. Juola, P. & Mikros, G. (under review). "A Comparative Assessment of the Difficulty of Authorship Attribution in Greek and in English". *Journal of the Association for Information Science and Technology*.
4. Nikiforidou, K., Marmaridou, S., & Mikros George, K. (2014). What's in a dialogic construction? A constructional approach to polysemy and the grammar of challenge. *Cognitive Linguistics*, 25(4), 655-699. doi: 10.1515/cog-2014-0060
5. Charalabopoulou, F., Stafylakis, T. and G. Mikros (2011). "Developing a Scoring Algorithm for Automatic Pronunciation Assessment of Modern Greek". *Journal of Quantitative Linguistics* 18(1), 1-22.
6. Perifanou, M. & Mikros, G. (2009). "Italswebquest': a wiki as a platform of collaborative blended language learning and a course management system". *International Journal of Knowledge and Learning (IJKL)*, Volume 5, Issue 3/4, pp. 273-288. DOI: 10.1504/IJKL.2009.031200
7. Koutsoulelou, S. & Mikros, G. (2005). "The "gegonos" as shell-noun. Usage and function in Modern Greek Corpora [in Greek]". *Glossologia*, 16, pp. 65-95.
8. Mikros, G., Hatzigeorgiu, N., Carayannis, G. (2005). "Basic quantitative characteristics of the Modern Greek language using the Hellenic National Corpus". *Journal of Quantitative Linguistics*, 12, pp. 167-184.
9. Hatzigeorgiu, N., Mikros, G. & Carayannis, G. (2001). "Word length, word frequencies and Zipf's law in the Greek language". *Journal of Quantitative Linguistics*, 8, pp. 175-185.

Book Chapters

1. Mikros, G. (in press). "Reading difficulty in foreign language texts and stylometry: A new approach to the readability of Italian texts used by students of Italian as a foreign language [in Greek]". Festschrift to Professor A. Danassis-Afentakis, Athens.
2. Mikros George, K., & Mačutek, J. (2017). Word length distribution and text length: two important factors influencing properties of word length motifs. In H. Liu & J. Liang (Eds.), *Motifs in Language and Text* (pp. 151-164). Berlin: Walter de Gruyter.
3. Mikros George, K., & Perifanos, K. (2015). Gender Identification in Modern Greek Tweets. In A. Tuzzi, M. Benešová & J. Mačutek (Eds.), *Recent Contributions to Quantitative Linguistics* (Vol. 70, pp. 75-88). Berlin: De Gruyter.
4. Mačutek, J., & Mikros George, K. (2015). Menzerath-Altmann Law for Word Length Motifs. In Mikros George & J. Mačutek (Eds.), *Sequences in Language and Text* (pp. 125-132). Berlin: De Gruyter.
5. Markopoulos, G., Mikros George, K., Iliadi, A., & Lontos, M. (2015). Sentiment Analysis of Hotel Reviews in Greek: A Comparison of Unigram Features. In V. Katsoni (Ed.), *Cultural Tourism in a Digital Era* (pp. 373-383). New York: Springer.
6. Mikros George, K., & Milička, J. (2014). Distribution of the Menzerath's law on the syllable level in Greek texts. In G. Altmann, R. Čech, J. Mačutek & L. Uhlířová (Eds.), *Empirical Approaches to Text and Language Analysis* (pp. 181-189). Lüdenscheid: RAM-Verlag
7. Mikros, G. (2013). Authorship Attribution and Gender Identification in Greek Blogs. In I. Obradović, E. Kelih & R. Köhler (Eds.), *Selected papers of the VIIIth International Conference on Quantitative Linguistics (QUALICO) in Belgrade, Serbia, April 16-19, 2012*, (pp. 21-32). Belgrade: Academic Mind

8. Mikros, G. (2013). Systematic stylometric differences in men and women authors: a corpus-based study. In R. Köhler & G. Altmann (Eds.), *Issues in Quantitative Linguistics 3. Dedicated to Karl-Heinz Best on the occasion of his 70th birthday* (pp. 206-223). Lüdenscheid: RAM - Verlag.
9. Mikros, G. (2009). "Content words in authorship attribution: An evaluation of stylometric features in a literary corpus". In Köhler, R. (ed.), *Issues in Quantitative Linguistics*, Lüdenscheid: RAM-Verlag, pp. 61-75.
10. Mikros, G. (2008). "Prenasalization in Modern Greek voiced stops. Quantitative study of the phonetic environment effect [in Greek]". In Mozer, A. Bakakou-Orfanou, Aik., Charalambakis, Ch., Xeila-Markopoulou, D. (eds.) *Glossis xarin. Festschrift to Professor G. Bambiniotis*, Athens, Ellinika Grammata, pp. 157-171.
11. Mikros, G. (2007). "Stylometric experiments in Modern Greek: Investigating authorship in homogeneous newswire texts". In R. Köhler, G. Altmann & P. Grzybek (Eds.), *Exact methods in the study of language and text*. Berlin / New York: Mouton de Gruyter, pp. 445-456.
12. Mikros, G. (2007). "The relationship between text size and linguistic features' manifestations [in Greek]". In *Glossikos Periplous: Studies dedicated to Dimitra Theophanopoulou-Kontou*, Athens: Book Institute – A. Kardamitas, pp. 190-199.
13. Mikros, G. (2005). "Quantitative linguistics in Greece: an overview". In Altmann, G., Kohler, R. & Piotrowski, R. (eds), *Quantitative Linguistics. An International Handbook*. Berlin: Walter De Gruyter, pp. 136-142.
14. Mikros, G. (2004). "Corpora and terminology [in Greek]". In Katsoyannou, M. & E. Efthymiou, (eds.). *Greek Terminology: Research and Applications*, Athens: Kastaniotis, pp. 139-164.

Papers in Refereed Proceedings

1. Mikros George, K. (2017). *Blended Authorship Attribution. Unmasking Elena Ferrante combining different author profiling methods*. Paper presented at the Workshop "Drawing Elena Ferrante's Profile", Padua, Italy.
2. Mikros George, K. (2017). *The final -n rule. A quantitative study*. Paper presented at the Workshop "Linguistic Errors and their evaluation in language teaching", Thessaloniki, Greece.
3. Karantzola, E., Mikros, G. K., & Papaioannou, A. (2017). Lexico-grammatical alternation and stylometric profile of autograph texts in Early Modern Greek. In T. Georgakopoulos, T.-S. Pavlidou, M. Pechlivanos, A. Alexiadou, J. Androutsopoulos, A. Kalokairinos, S. Skopeteas & K. Stathi (Eds.), *Proceedings of the 12th International Conference on Greek Linguistics (ICGL12), 16-19 September 2015* (Vol. I, pp. 479-492). Berlin: Edition Romiosini/CeMoG.
4. Juola, P., & Mikros George, K. (2017). *Cross-Linguistic Correlations in Lexical Complexity: An Approach to Cross-Linguistic Authorship Attribution*. Paper presented at the 13th Biennial Conference of the International Association of Forensic Linguists (IAFL), 10-14 July 2017, Porto, Portugal.
5. Mikros, George K., Pouli, Vassiliki & Ephtychia Triantafyllou (2016). Personality prediction in Facebook status updates using multilevel Ngram profiles (MNP) and word features. Paper presented at *QUALICO 2016*, 24-28 August 2016, Trier, Germany.
6. Juola, Patrick & Mikros, George K. (2016). Authorship Attribution Using Different Languages. Paper presented in the *Digital Humanities 2016*, 11-16 July, Kraków, Poland. Available at: <http://dh2016.adho.org/abstracts/158>.
7. Juola, Patrick & Mikros, George K. (2016). Cross-Linguistic Stylometric Features: A Preliminary Investigation. In *Journées internationales d'Analyse statistique des Données Textuelles*, 7-10 June 2016, Nice, France. Available at: <https://jadt2016.sciencesconf.org/80692>.

8. Mikros George, K. (2016). *Social Media Language. Stylometric Analysis with extensions to language teaching*. Paper presented at the Social and Political Discourse for the Foreign Language Education in EU, Athens.
9. Mikros, George K. (2015). Best practices in distance-based stylometry: Evidence using the Modern Greek corpus. Paper presented at *NeDiMAH WP5 publication meeting*, 5-6 October 2015, Würzburg, Germany.
10. Mikros, George K. (2014). Author vs. Translator. Using Author Multilevel Ngram Profiles for detecting both author and translator in literary texts. Presented in the ninth annual meeting of the Chicago Colloquium on Digital Humanities and Computer Science (DHCS) at Northwestern University (October 23-24, 2014).
11. Mikros, George K., & Perifanos, Kostas. (2013). Authorship attribution in Greek tweets using multilevel author's n-gram profiles. In E. Hovy, V. Markman, C. H. Martell & D. Uthus (Eds.), *Papers from the 2013 AAAI Spring Symposium "Analyzing Microtext"*, 25-27 March 2013, Stanford, California (pp. 17-23). Palo Alto, California: AAAI Press.
12. Baltazani, M., Foudos, I., Kainada, E., Kappa, I., Lengeris, A., Mattheoudakis, M., Mikros, G. Nicolaidis, K., Papazachariou, D., Revithiadou, A., Topintzi, N., Tzakosta, M. (2013). Vocalect: A Thalis project from the analysis of dialectal vocalic systems. In *Proceedings of the 11th International Conference of Greek Linguistics*. Rhodes: University of Aegean.
13. Broussalis, George, Markopoulos, George, & Mikros, George K. (2012). Stylometric profiling of the Greek Legal Corpus. In Z. Gavriilidou, A. Efthymiou, E. Thomadaki & P. Kambakis-Vougiouklis (Eds.), *Selected Papers of the 10th International Conference of Greek Linguistics* (pp. 167-176). Komotini: Democritus University of Thrace.
14. Tyrou, Ioanna, & Mikros, George K. (2012). On-line collaborative learning communities for learning foreign languages and cultures: A case study in Greeks learning Italian as a foreign language in academic setting *Proceedings of the International Conference "The Future of Education"*, 7-8 June 2012, Florence, Italy. Florence: Simonelli Editore.
15. Marmarinou-Politou, E., Mikros, G. & Dimitroulia, T. (2011). "Applying stylometric methods in translator attribution". Original works and translations of Papadiamantes. In *Proceedings of the 3rd International Conference of Papadiamantes*, 7-8 October 2011, Athens (pp. 341-371). Athens: Domos.
16. Mikros, G. & Perifanos, K. (2011). "Authorship identification in large email collections: Experiments using features that belong to different linguistic levels". *Proceedings of PAN 2011 Lab, Uncovering Plagiarism, Authorship, and Social Software Misuse held in conjunction with the CLEF 2011 Conference on Multilingual and Multimodal Information Access Evaluation*, 19-22 September 2011, Amsterdam.
17. Mikros, G. et al. (2009). "Developing an English-Greek comparable corpus using web texts". In Lilly Krommyda & Ioannis Anagnostopoulos (eds.), *Second Meeting on Lexicographic Theory and Practice. Friday, 16 May, 2008. Programme, Abstracts & Presentations (e-book)*. Athens: National and Kapodistrian University of Athens, Faculty of English Studies, Faculty of German Studies, 11 pages.
18. Koutsis, Ilias, Markopoulos, G. & Mikros, G. K. (2007). "Episimiotis: A multilingual tool for hierarchical annotation of texts". In Matthew, D., Rayson, P., Hunston, S. & Danielsson, P. (eds.), *Proceedings of the Corpus Linguistics Conference (CL2007)*. Birmingham, UK, available: http://corpus.bham.ac.uk/corplingproceedings07/paper/243_Paper.pdf
19. Kouklakis, G., Mikros, G., Markopoulos, G. & Koutsis, Ilias (2007). "Corpus Manager: A tool for multilingual corpus analysis". In Matthew, D., Rayson, P., Hunston, S. & Danielsson, P. (eds.), *Proceedings of the Corpus Linguistics Conference (CL2007)*. Birmingham, UK, available: http://corpus.bham.ac.uk/corplingproceedings07/paper/244_Paper.pdf.
20. Mikros, G. & Argiri, E. K. (2007). "Investigating topic influence in authorship attribution". *Proceedings of the SIGIR 2007 International Workshop on Plagiarism Analysis, Authorship Identification, and Near-*

Duplicate Detection, Amsterdam, Netherlands, July 27, 2007, pp. 29-35, available: <http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-276/paper5.pdf>.

21. Mikros, G. (2006). "Authorship attribution in Modern Greek newswire corpora". In Uzuner, O., Argamon, S. & Karlgren, J. (eds), *Proceedings of the SIGIR 2006 Workshop on Directions in Computational Analysis of Stylistics in Text Retrieval, Seattle, Washington, USA, August 10, 2006*, pp. 43-47, available: http://people.csail.mit.edu/ozlem/sigir_workshop_2006_proceedings.pdf
22. Kalimeris, C., Mikros, G., Bakamidis, S. (2005). "Assimilation and deletion phenomena involving word-final /n/ and word-initial /p, t, k/ in Modern Greek: a codification of the observed variation intended for use in TTS synthesis". In *Interspeech'2005 - Eurospeech, 9th European Conference on Speech Communication and Technology*, Lisbon, Portugal, September 4-8, 2005, pp. 2941-2944, available: http://www.isca-speech.org/archive/archive_papers/interspeech_2005/i05_2941.pdf
23. Koutsis, I., Kouklakis, G., Mikros, G., Markopoulos, G. (2005). "MINOTAVROS: A tool for the semi-automated creation of large corpora from the Web". In *Proceedings from the Corpus Linguistics Conference Series*, 1, pp.1-8, available: <http://www.corpus.bham.ac.uk/PCLC/minotavros.doc>
24. Mikros, G. Hatzigeorgiu, N, Carayannis, G. (2003). "Basic quantitative measures in written Modern Greek: The exploitation of Hellenic National Corpus in Greek quantitative linguistics". In *Proceedings of the Workshop "Text Processing for Modern Greek: From Symbolic to Statistical Approaches", 20 September 2003, Rethimno*, pp. 23-37, available:
<http://www.philology.uoc.gr/conferences/6thICGL/ebook/ws/workshop@mikros.pdf> [in Greek]
25. Mikros, G. (2003). "Statistical approaches to Modern Greek automatic text categorization". In *Proceedings of the 6th International Conference of Greek Linguistics, 18-21 September 2003, Rethimno*, available: <http://www.philology.uoc.gr/conferences/6thICGL/ebook/a/mikros.pdf> [in Greek]
26. Iakovou, M., Markopoulos, G. and Mikros, G. (2003b). "Basic vocabulary of Modern Greek in different topic areas: a practical application for teaching Modern Greek as a foreign language". In *Proceedings of 6th International Conference of Greek Linguistics, 18-21 September 2003, Rethimno*, available: <http://www.philology.uoc.gr/conferences/6thICGL/ebook/a/iakovou&markopoulos&mikros.pdf> [in Greek]
27. Iakovou, M., Markopoulos, G. and Mikros, G. (2003a). "Compilation of Basic Vocabulary for teaching Modern Greek as a foreign language". In *Proceedings of the 2nd International Conference for Teaching Modern Greek as a Foreign Language, 19-21 September 2002, Athens*. [in Greek]
28. Mikros, G. (2002). "Quantitative parameters in corpus design: Estimating the optimum text-size in Modern Greek language". *Proceedings of the 3rd International Conference on Language Resources and Evaluation*, Vol.3, pp. 834-838.
29. Mikros, G. (2001). "Multidimensional scaling and phonetic variation in Modern Greek". *Proceedings of the 4th International Conference of Greek Linguistics, 1999, Cyprus*, Thessaloniki: University Studio Press, pp. 416 - 423. [in Greek]
30. Mikros, G. & Carayannis, G. (2000). "Modern Greek Corpus Taxonomy". *Proceedings of the 2nd International Conference on Language Resources and Evaluation*, Vol.1, pp. 129-134.
31. Malliopoulos, C. & Mikros, G. (1997). "Metrical representations of demarcation and constituency in noun phrases". *Proceedings of the 5th European Conference On Speech Communication and Technology*, 1997, Vol. I, pp. 303-306.
32. Mikros, G. (1997). "Radio news and phonetic variation in Modern Greek". *Greek Linguistics '95. Proceedings of the 2nd International Conference on Greek Linguistics, 1997*, Vol. I, pp. 35-44.
33. Mikros, G., et al. (1996), "'Xthes or xtes'? A quantitative study of phonological and morphological features in Modern Greek corpus [in Greek]", in *Studies in Greek Linguistics. Proceedings of the 16th Annual Meeting of the Department of Linguistics, Faculty of Philosophy, Aristotle University of Thessaloniki, 4-6 May 1995*, Thessaloniki. pp. 645-656.

34. Mikros, G. (1995). "Final-n rule. Sociolinguistic and stylistic variation", in *Studies in Greek Linguistics. A Festschrift for Professor M. Setatos. Proceedings of the 15th Annual Meeting of the Department of Linguistics, Faculty of Philosophy, Aristotle University of Thessaloniki, 11-14 May 1994*, Thessaloniki. pp. 155-166.
35. Mikros, G. (1994). "Collecting Phonetic Data: Some Methodological Issues.", *Language Engineering on the Information Highway*, 1995, pp. 33-37.

Ph.D. Thesis

- Mikros, G. (1999). *Sociolinguistic approach of Modern Greek phonological problems. Phonetic variation in nasal consonants*. Department of Linguistics, School of Philosophy, National and Kapodistrian University of Athens.

TEACHING/COURSES TAUGHT:

Undergraduate Courses

1999-2000, 2006-present	Introduction to Linguistics (1999-2000, 2006-present), Department of Italian and Spanish Language and Literature of the National and Kapodistrian University of Athens.
2004-present	Italian phonetics and phonology, Department of Italian and Spanish Language and Literature and from 2010 Department of Italian Language and Literature of the National and Kapodistrian University of Athens.
2003-2015	Introduction to Computer Science, Department of Italian and Spanish Language and Literature and from 2010 Department of Italian Language and Literature of the National and Kapodistrian University of Athens.
2001-present	New Technologies in scientific research, Department of Italian and Spanish Language and Literature and from 2010 Department of Italian Language and Literature of the National and Kapodistrian University of Athens.
2003, 2008-10, 2014	Quantitative linguistic data analysis, Department of Italian and Spanish Language and Literature and from 2010 Department of Italian Language and Literature of the National and Kapodistrian University of Athens.
2000-2006	Spanish Phonetics and Phonology (2000-2006), Department of Italian and Spanish Language and Literature of the National and Kapodistrian University of Athens.
2000	Corpus Linguistics, Department of Communication, Media and Culture, Panteion University of Social and Political Sciences
2001-2006	Spanish Linguistics (2001-2006), Department of Italian and Spanish Language and Literature of the National and Kapodistrian University of Athens.
2001-2003	Research methods (2001-2003), Department of Italian and Spanish Language and Literature of the National and Kapodistrian University of Athens.

2001-2003	History of Spanish, Department of Italian and Spanish Language and Literature of the National and Kapodistrian University of Athens.
Graduate (Masters-level) Courses	
2013-present	Applied Phonetics and Phonemics (APLING 627) – Online, Department of Applied Linguistics, Master of Arts Online Program, University of Massachusetts, Boston, U.S.A.
2013-present	Introduction to Linguistics (APLING 601) – Online, Department of Applied Linguistics, Master of Arts Online Program, University of Massachusetts, Boston, U.S.A.
2016-present	Statistics, “Theoretical and Applied Linguistics”, graduate program organized by the Department of Linguistics of the National and Kapodistrian University of Athens.
2012-2015	Information Retrieval, “Theoretical and Applied Linguistics”, graduate program organized by the Department of Linguistics of the National and Kapodistrian University of Athens.
2009-present	Research methods (2009-present), “Postgraduate program in Greek-Roman and Greek-Italian studies: Literature, History and Culture” organized by the Department of Italian Language and Literature of the National and Kapodistrian University of Athens.
2005-present	Research methods in linguistics (2005-present), “MA in Applied Linguistics” organized by the Faculty of English Language and Literature of the National and Kapodistrian University of Athens.
1999-2015	Quantitative analysis of linguistic data (1999-present), “Interdisciplinary, Interuniversity Postgraduate Course in Language Technologies” organized by the Department of Linguistics of the National and Kapodistrian University of Athens and the School of Electrical and Computer Engineering of the National Technical University of Athens.
1999-2014	Educational software for teaching Modern Greek as a foreign language (1999-present), “Interdepartmental Program of Teaching of Modern Greek as a Foreign Language”, graduate program organized by the Department of Philology and the Department of Philosophy-Pedagogy-Psychology of the National and Kapodistrian University of Athens.
1997, 1999	Computational Linguistics I & II, “Applied Linguistics”, graduate program organized by the Department of Linguistics of the National and Kapodistrian University of Athens.
1996-1997	Computer Assisted Language Learning in teaching Greek as a foreign language, “Interdepartmental Program of Teaching of Modern Greek as a Foreign Language”, graduate program organized by the Department of Philology and the Department of Philosophy-Pedagogy-Psychology of the National and Kapodistrian University of Athens.

PH.D. AND MA THESIS SUPERVISION

- Supervisor or member of supervising committees in 14 Ph.D. students (11 completed) and 12 MA students (9 completed).

SERVICE

Departmental Service

2016-present	Chair of the Department of Italian Language and Literature at the School of Philosophy, National and Kapodistrian University of Athens.
2014-2016	Vice-Chair of the Department of Italian Language and Literature at the School of Philosophy, National and Kapodistrian University of Athens.
2012-present	Member of the Research Council of the National and Kapodistrian University of Athens
2009-present	Member of the following Department Committees (Supplies, Internal Evaluation, Program of Undergraduate Studies, Program of Graduate Studies, Research Funds)
2009-present	Member of the Steering Committee of the Graduate Program "Greek-Roman and Greek-Italian Studies: Literature, History and Culture".
2009-present	Administrator of the department's web page
1999-present	Member of 9 Scientific Evaluation Committees for elections in the Department.
2007-2012	Associate Professor in Computational and Quantitative Linguistics, Department of Italian Language and Literature, National and Kapodistrian University of Athens.
2005-2006	Chair of the Committee responsible for launch of open public tender for the supply of foreign books in the Department.
2004-2007	Assistant Professor in Sociolinguistics and Computational Linguistics, Department of Italian and Spanish Language and Literature, National and Kapodistrian University of Athens.
2001-2011	Alternate representative of the Department at the Committee of Postgraduate Studies of the National and Kapodistrian University of Athens.
2001-2004	Lecturer in Sociolinguistics and Computational Linguistics, Department of Italian and Spanish Language and Literature, National and Kapodistrian University of Athens.

External Service

2016-present	Vice President of the International Quantitative Linguistics Association (IQLA).
2012-2016	Secretary General of the International Quantitative Linguistics Association (IQLA).
2016-present	Director of the Program “Spanish Studies” at the Hellenic Open University.
2010-2011	Vice Chair of the Committee for the study of the foreign language certification system in Greece, Ministry of Education, Lifelong Learning and Religious Affairs.
2007-2009	Member at large of the International Quantitative Linguistics Association (IQLA).
2001-2016	Coordinator of the Course Unit of Linguistics in the Spanish Studies Program at the Hellenic Open University.
2005, 2010	Chair of the Committee for the evaluation of textbooks for teaching Italian as a foreign language in the public high schools of Greece, Ministry of Education, Lifelong Learning and Religious Affairs.
2003	Member of the Central Exam Committee for Foreign Student Transfers (K.E.E.M.E.).
2001, 2002, 2010, 2011	Member of the Exam Committee for Special Courses, Ministry of Education, Lifelong Learning and Religious Affairs.
2001	Member of the examination committee for the course “Foreign language teaching: Spanish” in the exams organized by the States Scholarships Foundation.
1992-2004	Research associate at the Institute for Language and Speech Processing (ILSP).
1999-2001	National delegate assigned by the Greek General Secretariat of Research and Technology, in the meetings of the Language Technology group of the European Program “Information Society Technologies.- IST”.
1996-1998	Head of ILSP Liaison office.

INVITED TALKS

2017	“The Cypriot dialect in social media. A quantitative analysis in Twitter”, 14 November 2017, 2 nd Annual Lecture Series of the Cooperative Central Bank Ltd of Cyprus “The diachronic dimension of Greek Language”, University of Cyprus, Nicosia, Cyprus.
2017	“The final –n rule. A quantitative study”. 21 October 2017, “Linguistic Errors and their evaluation in language teaching”,

Centre of Greek Language and the University of Nicosia,
Thessaloniki, Greece.

- 2017 “Natural Language Processing for Ancient Greek”, 3 July 2017, Department of History and Philosophy of Science, National and Kapodistrian University of Athens.
- 2017 “Male and Female Speech in Social Media”, Ph.D. Colloquium, 30 May 2017, Department of English Language and Literature, National and Kapodistrian University of Athens, Athens.
- 2017 “How to get a digital scholarly edition off the ground?”. Participation in the roundtable discussion for the Digital Scholarly Editions and Modern Greek Studies, DiXiT Workshop, 26 April 2017, National Library of Greece, Athens.
- 2017 “Computational Stylistics: Machine Learning Applied to Authorship Attribution”, 12 January 2017, School of Electrical and Computer Engineering, National Technical University of Athens.
- 2016 “Social Media Language. Stylometric Analysis with extensions to language teaching”, Social and Political Discourse for the Foreign Language Education in EU, 4-6 November 2016, Department of English Language and Literature, National and Kapodistrian University of Athens, Athens.
- 2016 “How different men and women write? Author’s gender prediction in social media”, THALES and FRIENDS, 21 October 2016, Athens.
- 2016 “Computational Stylistics”, Department of Linguistics, National and Kapodistrian University of Athens, April 2016.
- 2015 “Cross-linguistic authorship attribution: Detecting stylomes in translated documents and texts written by bilingual authors”, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data University of Padua, 21-25 September 2015.
- 2015 “Gender and language in social media”, Department of Mediterranean Studies, University of the Aegean, Rhodes, March 2015.
- 2015 “Author vs. Translator. Who reigns the text? Applying computational stylistics methods to translated literary texts” 6 February 2015, Duquesne University, Pittsburgh.
- 2014 “Automatic Gender Identification in Social Media Texts”. 3 December 2014, University of Massachusetts, Boston.
- 2012 “Authorship identification. When Linguistics met Artificial Intelligence”. 23 November 2012, National and Kapodistrian University of Athens.
- 2010 “What’s the gender of the writer? Stylometric investigation of men’s and women’s written language”. Workshop entitled

- “Computational Linguistics”, 21 October 2010. Department of Mediterranean Studies, University of the Aegean, Rhodes.
- 2005 “Stylometric analysis”, Department of Byzantine and Modern Greek Studies, University of Cyprus.
- 2005 “Greek Language through Numbers: Statistics used by Linguistics”. Conference “New technologies in Humanities”, 24-25 November 2005, Aristotle University of Thessaloniki, Thessaloniki.
- 2004 “Extending linguistic applications through corpora”. Department of Mediterranean Studies, University of the Aegean, Rhodes.
- 2003 «Specialized Modern Greek Corpora in the teaching and assessment of vocabulary». 27th Meeting of ALTE (The Association of Language Testers in Europe), 7 November 2003, National and Kapodistrian University of Athens, Athens.
- 2003 «Stylometric experiments in Modern Greek». 4th Trier Colloquium on Quantitative Linguistics, 16-19 October, Universität Trier, Germany.
- 2002 «Statistical Analysis in Language and Speech». Workshop entitled “New Technologies for Information Processing within the Public Administration” organized by the European Program “EuroMap”, 22 May 2002, National Hellenic Research Foundation, Athens.
- 2001 “National Program of Terminology Coordination and Information Society”. Round Table in the 3rd International Conference “Greek Language and Terminology”, French Institute of Athens.
- 2000 “Corpora in linguistic research”. Seminar offered in the Communication, Media and Culture Lab in the Department of Communication, Media and Culture, Panteion University.
- 1999 “Coding processes in the dialect phonetics of Modern Greek”. Round Table in the 2nd International Conference “Greek Language and Terminology”, French Institute of Athens.
- 1997 “Teaching Modern Greek using multimedia technologies”, Media Lab, Massachusetts Institute of Technology (MIT), Boston, USA.

INVITED TUTORIALS

- 2017 “Computational stylistic analysis of translated texts. Detecting the stylometric identity of both the author and the translator”, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, 4-8 September 2017.
- 2017 “Author profiling Detecting author’s gender in social media”, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, 4-8 September 2017.

2016	“New technologies applied to language teaching” in Ellinogermaniki Agogi, Private School, Athens, 8-9 September 2016.
2015	Lab session on Machine learning methods in computational stylistics using the caret R package, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, 21-25 September 2015.
2013	“Machine learning methods in authorship attribution and profiling”, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data University of Padua, 16-20 September 2013.
2013	Lab session on profiling, IQLA-GIAT Summer School in Quantitative Analysis of Textual Data, University of Padua, 16-20 September 2013.

RESEARCH REVIEW

Journal Reviewer

- Civitas Gentium
- Digital Scholarship in the Humanities
- International Journal of Arabic-English Studies (IJAES)
- International Journal of Literature and Art (IJLA)
- International Journal of Languages and Culture
- International Journal of Modern Physics B
- Journal of Languages and Culture
- Journal of Association for Information Science and Technology
- Journal of Quantitative Linguistics
- Journal of Scientific Research and Reports
- Journalism theory, practice and criticism
- Language Resources and Evaluation
- Natural Language Engineering
- PLOS Biology

International Conferences Reviewer

1997	EuroSpeech '97, 5th European Conference on Speech Communication and Technology, 22 – 25 September 1997, Rhodes, Greece.
2008	2nd International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN-08), Patras, Greece.
2009	3rd International Workshop and 1st Competition on Plagiarism Detection (PAN-09), Donostia-San Sebastián, Spain.
2010	4th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN-10), Padua, Italy.
2011	5th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN-11), Amsterdam, Netherlands.

2011	10th International Conference on Greek Linguistics, 1-4 September 2011, Komotini, Greece.
2012	Qualico 2012: Structures and Processes in Language and Text: A Quantitative Linguistics Perspective, 26-29 April 2012, Belgrade, Serbia.
2012	6th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN-12), Rome, Italy.
2013	11th International Conference on Greek Linguistics, 26-29 September 2013, Rhodes, Greece
2013	9th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN-13), Valencia, Spain.
2014	Qualico 2014: 20 th anniversary of IQLA and Journal of Quantitative Linguistics (JQL), 29 May-1 June 2014, Olomouc, Czech Republic.
2016	Qualico 2016, 24-28 August 2016, Trier, Germany
2016	Future and Emerging Trends in Language Technologies, Machine Learning and Big Data, 30 th November – 2 nd December 2016, Seville, Spain.
2016	Artificial Intelligence and Natural Language (AINL2016), 10-12 November 2016, St. Petersburg, Russia.
2017	Artificial Intelligence and Natural Language (AINL2017), 20-23 September 2017, St. Petersburg, Russia.

Research Programs Reviewer

2004	Research Committee Secretariat, University of the Aegean.
2009	Postgraduate scholarships in Computational Linguistics from the States Scholarship Foundation.
2011, 2016	Ph.D. scholarships in Linguistics from the States Scholarship Foundation.
2010-2011	Act “Support of groups of Small and Medium-sized Enterprises (SME) for Research & Technology Development activities” in the Operational Programme “Competitiveness and Entrepreneurship”, 2010-2011.
2017	Polish National Science Centre

LANGUAGE RESOURCES AND SOFTWARE DEVELOPMENT

Software

- GrNLP: A suite of basic NLP tools for Modern Greek. The package includes a regular expressions tokenizer, a Part of Speech tagger and lemmatizer (based on the output of the TreeTagger using the Modern Greek parameter file).

- Greek Phonemic Transcriber: A PERL script for transcribing Greek texts using broad phonemic transcription.
- CountTags: A PERL script for counting the relative frequency of Part of Speech tags produced by GrNLP and producing the respective PoS tag~document matrix.
- FileSplitter: A PERL script for segmenting a text file in n equal word files, where n is a user-selected value.
- stTTR: A PERL script which calculates the Standardized Type/Token ratio using equal samples of texts and thus avoiding the text-size dependence of the particular index.
- Stylometrics: A PERL script that calculates over 100 stylometric indices. Works in multilingual corpora and produces text tab-delimited results.
- TermCount: A PERL script that count the relative frequency of a user-selected wordlist in a corpus.
- VocabGrowth: A PERL script that calculates the relative growth of the types' frequency in a text.
- NgramCount: A PERL script that produces n-gram ~ document matrices.
- Episimiotis: Software for error coding in learner's texts combining custom error taxonomies and metalanguage data in xml output files.
- CorpusManager: A software suite for managing megacorpora and producing subcorpora using customized metalanguage criteria.

Corpus development

- Corpus of Spoken Greek: A corpus of over 40 hours of recordings of urban Modern Greek. The transcriptions are in HIAT format and are time-aligned with the sound files.
- Newswire Corpus of Modern Greek: 20Mwords of written text from 2 high circulation newspapers in Greece (Kathimerini, Ta NEA).
- Author identification corpora: Various corpora designed for author attribution, verification and gender profiling.
- Corpus for teaching Modern Greek as a foreign language: This corpus contains texts organized in three different thematic areas (Market, Health and Environment). The specific topics are related directly to the teaching units of the curriculum "Intermediate level for Modern Greek" of the Greek Language Centre.
- Learner Corpus of Modern Greek: The first learner corpus of Modern Greek. The corpus contains 333 essays written by foreigners originated by 51 different countries who learn Modern Greek in the School of the University of Athens. Each essay has been transcribed in electronic form and each error has been tagged using a custom error taxonomy developed specifically for the needs of the project. Error tagging carried out using special software (Episimiotis) which utilized XML for coding errors and metalanguage data for each text.
- Modern Greek Social Media Corpus: The first Modern Greek corpus containing Web 2.0 texts. It is based on the following two sub-corpora:
 - Greek Blog Corpus: The first Greek blog corpus (5,005,453 words) with data from various Greek blogs.
 - Greek Twitter Corpus: The first Greek corpus of tweets (1Mwords). Contains over 50,000 tweets from 112 well-known and highly active Greek users.

RESEARCH AND TEACHING DISTINCTIONS

- Unmasking Elena Ferrante’s real identity using multiple author profiling methods during the International Workshop “Drawing Elena Ferrante’s Profile” organized by the FISPPA Department at the University of Padua, 7th September 2017.
- Teaching award for excellence in lecturing at IQLA-GIAT Summer School in Quantitative Analysis of Textual Data from the University of Padua, Italy, 2017.
- Teaching distinction (merit award) due to the “dedicated and creative contribution in teaching, research, and service activities” in the Online Master of Applied Linguistics of the University of Massachusetts, Boston, USA. 2015, 2016)
- 2nd position (out of 13 participating research teams) in the international competition of authorship attribution task organized by the 5th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse PAN'11 (Official results available at <http://www.uni-weimar.de/medien/webis/research/events/pan-11/pan11-talks/pan11-results.pdf>) .

SCHOLARSHIPS

- Ph.D. scholarship from the States Scholarships Foundation (1993-1996)
- Research scholarship from the Institute for the Language and Speech Processing (ILSP) (1992-1994)

RESEARCH PROJECTS

2017-2021	Title: Distant Reading for European Literary History (CA16204) Budget: 150.000 € Source of funding: European Union, COST European Cooperation in Science and Technology Role in research team: Management Committee Member (officially nominated for Greece), Member for WG1 (Corpus Creation) and WG2 (Research Methods and Tools)
2012-2016	Title: Vocalect: Vowels of Greek dialects: phonetic and phonological analysis, dialect index construction, and diffusion of results through educational material Budget: 510,860 € Source of funding: Co-financed by the European Union (European Social Fund - ESF) and Greek national funds through the Operational Program “Education and Lifelong Learning” of the National Strategic Reference Framework (NSRF). Role in research team: Research Team 3 Leader
2004-2007	Title: Corpora for Modern Greek research and teaching Budget: 50,000 € Source of funding: “Pythagoras”, Operational Programme for Education and Initial Vocational Training (O.P. "Education") Role in research team: Scientific responsible
2006-2009	Title: Analysis of the effect of various stylometric features in automatic authorship attribution Budget: 2,200 € Source of funding: Research Committee Secretariat of the National and Kapodistrian University of Athens Role in research team: Scientific responsible

2004-2006	<p>Title: Development of alternative educational material for the Course Unit of Linguistics in the Spanish Studies Program at the Hellenic Open University</p> <p>Budget: 647,000 € (Total budget for all the programs of studies in the Hellenic Open University)</p> <p>Source of funding: Operational Programme for Education and Initial Vocational Training (O.P. "Education")</p> <p>Role in research team: Scientific responsible</p>
2004-2006	<p>Title: Reformation of the undergraduate program of studies of the Department of Italian and Spanish Language and Literature in the National and Kapodistian University of Athens</p> <p>Budget: 101,500 €</p> <p>Source of funding: Operational Programme for Education and Initial Vocational Training (O.P. "Education")</p> <p>Role in research team: Responsible for creating courses and educational material related to the application of new technologies to humanities</p>
2004-2005	<p>Title: Factors affecting prenalization of Modern Greek voiced stops</p> <p>Budget: 1,800 €</p> <p>Source of funding: Research Committee Secretariat of the National and Kapodistrian University of Athens</p> <p>Role in research team: Scientific responsible</p>
2002-2003	<p>Title: Contrastive analysis of machine learning algorithms for multilingual text categorization</p> <p>Budget: 1,700 €</p> <p>Source of funding: Research Committee Secretariat of the National and Kapodistrian University of Athens</p> <p>Role in research team: Scientific responsible</p>
2001-2002	<p>Title: Contrastive analysis of Modern Greek and Spanish Vowels</p> <p>Budget: 1,650 €</p> <p>Source of funding: Research Committee Secretariat of the National and Kapodistrian University of Athens</p> <p>Role in research team: Scientific responsible</p>
1999-2001	<p>Title: National Program of Terminology Coordination</p> <p>Budget: 44,000 €</p> <p>Source of funding: General Secretariat of Research and Technology</p> <p>Role in research team: General Secretary</p>
1998	<p>Title: Operational Programme for Research and Technology (EPET 2), «Diavlos»</p> <p>Budget: 10,000 €</p> <p>Source of funding: General Secretariat of Research and Technology</p> <p>Role in research team: Research associate</p>
1996-1999	<p>Title: Liaison offices for Universities and Research Centres</p> <p>Budget: 150,000 €</p> <p>Source of funding: General Secretariat of Research and Technology</p> <p>Role in research team: Scientific responsible</p>

1996-1998	Title: Human Networks, «Greek Human Network for Language Technology» Budget: 30,000 € Source of funding: General Secretariat of Research and Technology Role in research team: Scientific responsible
1996-1998	Title: Telematics Application Programme – Language Engineering, «EUROMAP» Budget: 100,000 € Source of funding: DGXIII of the European Commission Role in research team: Scientific responsible
1994	Title: Operational Programme for Research and Technology (EPET 1), «Multimedia» Budget: 50,000 € Source of funding: General Secretariat of Research and Technology Role in research team: Research associate
1991-1994	Title: Stride, «Logos» Budget: 300,000 € Source of funding: General Secretariat of Research and Technology Role in research team: Research associate

PROGRAMMING LANGUAGES

- Perl
- Python
- R

NATURAL LANGUAGES

- Greek: Native speaker
- English (fluent in speech, writing and reading)
- Italian (fluent in speech, writing and reading)
- Spanish (reading proficiency)

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

- Association for the Advancement of Artificial Intelligence (AAAI)
- Association for Computer Machinery, Special Interest Group for Information Retrieval (ACM SIGIR)
- International Association of Forensic Linguists (IAFL)
- International Speech Communication Association (ISCA)
- International Quantitative Linguistics Association (IQLA)
- Speech Technology Network (STN)
- 2B1, World Organization for the Digital Future of the Children.