

Curriculum Vitae

PERSONAL INFORMATION	
SURNAME: KOUSTRIAVA	
NAME: ELENI	
DATE OF BIRTH: 26/12/1983	
PLACE OF RESIDENCE: THESSALONIKI	
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CURRENT POSITION(S)

2017 – Assistant Professor in Education of Individuals with Disabilities with the Use of Assistive Technology - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece

PREVIOUS POSITION(S)

2013 – 2017 Adjunct Faculty Member - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece

EDUCATION

2006 BA in Philology (Greek Language and Literature), Major in Linguistics - Department of Philology, School of Philosophy, Aristotle University of Thessaloniki, Greece

2008 MA in Special Education - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece

2013 PhD “Distance learning for adults with visual impairments with the use of assistive technology”- Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece

SKILLS

1. Certified knowledge of Greek Braille Code
2. Knowledge of Greek Sign Language
3. Knowledge of Computer Systems (Windows, Office, Internet, SPSS)
4. Certified knowledge of foreign languages:
 - English **I.Certificate of Proficiency in English** (University of Cambridge)
 - II.Certificate of Proficiency in English** (University of Michigan)
 - French **Certificat Pratique de Langue Française** (Sorbonne I)
 - Deutch **Zertifikat Deutsch**

PUBLICATIONS

International Journals

- 1) **Koustriava, E.** (in print). Readiness of individuals with visual impairments for participation in distance education. *British Journal of Visual Impairment*.

- 2) Papadopoulos, K., Charitakis, K., **Koustriava, E.**, Kouroupetroglou, G., Muller, K., Stylianidis, E., & Sakalli Gumus, S. (2020). Environmental information for inclusion in orientation and mobility maps, identified by travelers with blindness: the cases of city centers and neighborhoods/ residential areas. *British Journal of Visual Impairment*, 38(3), 333-346. doi.org/10.1177/0264619620913895
- 3) Papadopoulos, K., Charitakis, K., **Koustriava, E.**, Kouroupetroglou, G., Stiefelbogen, R., Stylianidis, E., & Sakalli Gumus, S. (2020). Environmental information required from individuals with blindness for orientation and mobility aids concerning campuses. *Journal of Visual Impairment & Blindness*, 114(4), 263-276. doi.org/10.1177/0145482X20941312
- 4) Papadopoulos, K., Barouti, M., & **Koustriava, E.** (2018). Differences in spatial knowledge of individuals with blindness when using audio-tactile maps, using tactile maps, and walking. *Exceptional Children*, 84(3), 330–343. doi.org/10.1177/0014402918764300
- 5) Papadopoulos, K., **Koustriava, E.**, & Koukourikos, P. (2018). Orientation & mobility aids for individuals with blindness: verbal vs. audio-tactile map. *Assistive Technology*, 30(4), 191-200. doi.org/10.1080/10400435.2017.1307879
- 6) Papadopoulos, K., **Koustriava, E.**, & Barouti, M. (2017). Cognitive maps of individuals with blindness for familiar and unfamiliar spaces: construction through audio-tactile maps and walked experience. *Computers in Human Behavior*, 75, 376-384. doi.org/10.1016/j.chb.2017.04.057
- 7) Papadopoulos, K., **Koustriava, E.**, Koukourikos, P., Kartasidou, L., Barouti, M., Varveris, A., Misiou, M., Zacharogeorga, T., & Anastasiadis T. (2017). “Comparison of three orientation & mobility aids for individuals with blindness: verbal description, audio-tactile map and audio-haptic map”. *Assistive technology*, 29(1), 1-7. doi.org/10.1080/10400435.2016.1171809
- 8) Papadopoulos, K., Papakonstantinou, D., Koutsoklenis, A., **Koustriava, E.**, & Kouderi, V. (2015). Social support, social networks and happiness of individuals with visual impairments. *Rehabilitation Counseling Bulletin*, 58(4), 240-249. doi.org/10.1177/0034355214535471
- 9) **Koustriava, E.** & Papadopoulos, K. (2014). Attitudes of individuals with visual impairments towards distance education. *Universal Access in the Information Society*, 13, 439-447.
- 10) Papadopoulos, K., **Koustriava, E.**, Charalampidou, M., & Gerapostolou, I. (2013). The impact of vision loss on personality traits. *International Journal of Special Education*, 28(3), 1-7.
- 11) Papadopoulos, K., **Koustriava, E.**, & Kartasidou, L. (2012). Spatial coding of individuals with visual impairments. *Journal of Special Education*, 46, 180-190.
- 12) **Koustriava, E.** & Papadopoulos, K. (2012). Are there relationships among different spatial skills of individuals with blindness? *Research in Developmental Disabilities*, 33, 2164-2176.
- 13) Papadopoulos, K. & **Koustriava, E.** (2011). Piaget’s water-level task: The impact of vision on performance. *Research in Developmental Disabilities* 32, 2889-2893.
- 14) Papadopoulos K. & **Koustriava E.** (2011). The impact of vision in spatial coding. *Research in Developmental Disabilities*, 32, 2084-2091.
- 15) Papadopoulos, K., **Koustriava, E.**, & Kartasidou, L. (2011). The impact of residual vision in spatial skills of individuals with visual impairments. *Journal of Special Education*, 45(2), 118–127.
- 16) **Koustriava E.** & Papadopoulos K. (2010). Mental rotation ability of individuals with visual impairments. *Journal of Visual Impairment and Blindness*, 104(9), 570-574.

CONFERENCES/WORKSHOPS/etc.

Papers published on Book Series and Conferences Proceedings of International Conferences

1. **Koustriava, E.** & Paschalidou, D. (2020). Working memory evaluation in students with dyslexia: A memory game in three different modality stimuli. *Proceedings of the 9th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion*, online, December 2-4, 2020. doi.org/10.1145/3439231.3439255
2. **Koustriava, E.**, Papadopoulos, K., Charitakis, K., Salinas, V., Miesenberger, K., Kouroupetroglou, G., &

- Pino, A. (2020). Including students with disabilities in distance education. *Proceedings of the 17th International Conference on Computers Helping People with Special Needs*, online, September 9-11, 2020.
3. Salinas Lopez, V., Miesenberger, K., Petz, A., Kouroupetroglou, G., **Koustriava, E.**, Papadopoulos, K., & Pino, A. (2020). How to select an accessible learning management system for distance education. *Proceedings of the 17th International Conference on Computers Helping People with Special Needs*, online, September 9-11, 2020.
 4. Papadopoulos, K., Charitakis, K., **Koustriava, E.**, Kartasidou, L., Stylianidis, E., Kouroupetroglou, G., Gumus, S., Móller, K., & Yilmaz, E. (2016). Specification of symbols used in audio-tactile maps for individuals with blindness. *Lecture Notes in Computer Science*, 9759, 160–167. Switzerland: Springer. doi.org/10.1007/978-3-319-41267-2_22
 5. **Koustriava, E.**, Papadopoulos, K., Koukourikos, P., & Barouti, M. (2016). The impact of orientation and mobility aids on wayfinding of individuals with blindness: Verbal description vs. audio-tactile map. *Lecture Notes in Computer Science*, 9739, 577–585. Switzerland: Springer. doi.org/10.1007/978-3-319-40238-3_55
 6. Papadopoulos, K., Barouti, M., & **Koustriava, E.** (2016). The Improvement of cognitive maps of individuals with blindness through the use of an audio-tactile map. *Lecture Notes in Computer Science*, 9738, 72–80. Switzerland: Springer. doi.org/10.1007/978-3-319-40244-4_8
 7. Papadopoulos, K., Koukourikos, P., **Koustriava, E.**, Misiou, M., Varveris, A., & Valari, E. (2015). Audio-haptic map: An orientation and mobility aid for individuals with blindness. *Procedia Computer Science*, 67, 223-230. doi.org/10.1016/j.procs.2015.09.266
 8. Papadopoulos, K. & **Koustriava, E.** (2015). Comprehension of synthetic and natural speech: differences among sighted and visually impaired young adults. *Proceedings of International Conference on Enabling Access for Persons with Visual Impairment - ICEAPVI-2015* (pp.147-151), Athens, February 12-14, 2015.
 9. Papadopoulos, K., **Koustriava, E.**, Papakonstantinou, D., & Koutsoklenis, A. (2009). People with visual impairments: views of sighted individuals. *Proceedings of the 7th ICEVI European Conference*, “Living in a Changing Europe”, Dublin, Ireland, 5-10 July, 2009.
 10. Koutsoklenis, A., Papadopoulos, K., Papakonstantinou, D., & **Koustriava, E.** (2009). Students with visual impairments in higher education institutes. *Proceedings of the 7th ICEVI European Conference*, “Living in a Changing Europe”, Dublin, Ireland, 5-10 July, 2009.
 11. Papadopoulos, K., Kartasidou, L., Papakonstantinou, D., Koutsoklenis, A., & **Koustriava, E.** (2009). Self-esteem of adults with visual impairments. *Proceedings of the 7th ICEVI European Conference*, “Living in a Changing Europe”, Dublin, Ireland, 5-10 July, 2009.

Papers (and abstracts) published on Conferences Proceedings of Greek Conferences

1. Γιαννούλη, Β., **Κουστριάβα, Ε.**, & Μπάνου, Μ. (2017). Διαφορές μεταξύ μαθητών με δυσλεξία και μαθητών τυπικής ανάπτυξης στην ακουστική διάκριση λέξεων/προτάσεων και κατανόηση κειμένων σε συνθετική και φυσική ομιλία. Στα Πρακτικά Περιλήψεων του 2^{ου} Πανελληνίου Συνεδρίου Σχολική Ψυχολογία «Σχολική Ψυχολογία, Εκπαίδευση και Κοινωνία: Συνεργασίες και Προκλήσεις», Βόλος, 19-22 Οκτωβρίου, 2017. [Giannouli, V., **Koustriava, E.**, & Μpanou, Μ. (2017). Differences between students with dyslexia and typically developed students in word/sentence auditory intelligibility and text comprehension in synthetic and natural speech. Book of Abstracts of the 2nd Panhellenic Conference of School Psychology “School Psychology, Education, and Society: Collaborations and Challenges”, Volos, 19-22 October, 2017.]
2. Παπαδόπουλος, Κ., Παπακωνσταντίνου, Δ., Κουτσοκλένης, Α., & **Κουστριάβα, Ε.** (2010). Κοινωνική στήριξη και κοινωνικά δίκτυα μαθητών και φοιτητών με πρόβλημα όρασης. Στα Πρακτικά του 1^{ου}

Πανελληνίου Συνεδρίου Επιστημών της Εκπαίδευσης, Αθήνα, 28-30 Μαΐου, 2009. [Papadopoulos, K., Papakonstantinou, D., Koutsoklenis, A., & Koustriava, E. (2010). Social support and social networks of students and university students with visual impairments. Proceedings of the 1st Panhellenic Conference in Sciences of Education, Athens, 28-30 Mai, 2009.]

MEMBERSHIPS & REVIEWING ACTIVITIES

- Reviewer in the international scientific journals:
 1. *Multimodal Technologies and Interaction* (Open Access) (MDPI)
 2. *Research in Developmental Disabilities*
- Reviewer in 3 international conferences:
 1. *20th IEEE International Conference on Advanced Learning Technologies – ICALT 2020*
 2. *19th IEEE International Conference on Advanced Learning Technologies – ICALT 2019*
 3. *International Conference on Enabling Access for Persons with Visual Impairment – ICEAPVI 2015*

TEACHING ACTIVITIES

- 2017 – Faculty member - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece: 1) Introduction to Assistive Technology, 2) Education of Individuals with Impairments with the Use of Assistive Technology, 3) Assistive Technology Laboratory, 4) Education of Individuals with Visual Impairments, 5) Braille Reading and Writing
- 2017 – 2020 (Postgraduate program) Faculty member - Postgraduate program of the Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece: 1) The Pedagogical Use of Assistive Technology, 2) Informatics Systems for Students with Impairments, 3) Education of Individuals with Visual Impairments, 4) Education of Adults with Visual Impairments
- 2018 – 2019 (Postgraduate program) Faculty member - Postgraduate program of the Department of Primary Education, School of Education, National and Kapodistrian University of Athens, Greece: 1) Educational Interventions for Children with Sensory and Mobility Impairments – A Suggestion for the Curriculum
- 2013 – 2017 Adjunct Faculty Member - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, University of Macedonia, Greece: 1) Education of Individuals with Impairments with the Use of Assistive Technology, 2) Education of Individuals with Visual Impairments, 3) Braille Reading and Writing, 4) Braille Laboratory

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 2018 – 2021 Supervision (as the primary supervisor) of 1 PhD student, 3 postgraduates and 9 graduates - Department of Educational and Social Policy, School of Social Sciences, Humanities and Arts, Department of Educational and Social Policy, University of Macedonia, Greece

FELLOWSHIPS and AWARDS

- 2012 Research Award in the context of “Research Policy 2012” received from Research Committee of University of Macedonia (Greece) for 3 articles publication in prestigious international peer-reviewed journals

2014	Research Award in the context of “Research Policy 2014” received from Research Committee of University of Macedonia (Greece) for 3 articles publication in prestigious international peer-reviewed journals
2019	Research Award in the context of “Research Policy” received from Research Committee of University of Macedonia (Greece) for 1 article publication in prestigious international peer-reviewed journal
2020	Research Award in the context of “Research Policy” received from Research Committee of University of Macedonia (Greece) for 2 articles publication in prestigious international peer-reviewed journals

RESEARCH GRANTS

Assist. Prof. Koustriava has presented strong research activity on the field. She has participated in 10 funded research projects, 4 of which are closely related to the subject of the proposal. She was the project coordinator in 1 of them (approximately 1-million-euro budget).

Project Title	Funding source	Period	Role of the PI
Including Students with Impairments in Distance Education (InSIDE)	European Union: ERASMUS+, KA2-Capacity Building in Higher Education.	15/01/2019 to (in progress)	Project Coordinator
Education of Teachers on the Exploitation and Implementation of Digital Technology in Educational Practice (Education of 2 nd Level-Educators)	(Greek) Partnership Agreement 2014-2020	2018-2019	Research team member
Specification of symbols used on audio-tactile maps for individuals with blindness (ATMAPS)	European Union: LLP – KA3-ICT MULTILATERAL PROJECTS	01/01/2014 to 30/06/2017	Research team member
Audio and Tactile Access to Knowledge for Individuals with Visual Impairments	(Greek) Operational Program “Education and Lifelong Learning”: THALES	01/01/2012 to 30/09/2015	Research team member
Support Services for Individuals and Students with Disabilities at the University of Macedonia	(Greek) Operational Program for the Information Society.	01/04/2012 to 31/03/2014	Research team member
Contemporary approaches for adaptation/inclusion of individuals with visual impairment in their young and adult lives	(Greek) Lifelong learning program for updating knowledge of higher education graduates	01/12/2013 to 31/12/2015	Research team member
Progression of Accessibility Centres in higher Education for Students with disabilities in North Africa (PACES)	ERASMUS+, KA2-Capacity Building in Higher Education	15/10/2017-14/10/2020	Research team member
Evaluation of structures of Special Education – development of a computer application for continuous	(Greek) Education and Lifelong Learning program 2007-2013	01/09/2011 to 31/08/2013	Research team member

monitoring and evaluation of structures and critical aspects of special education			
Access of individuals with disabilities and/or special educational needs in natural and cultural environment of museums and archaeological sites	(Greek) Lifelong learning program for updating knowledge of higher education graduates	01/01/2014 to 31/12/2015	Research team member
New technologies and access to culture and local history for people with disabilities. The case of people with visual impairments	(Greek) Lifelong learning program for updating knowledge of higher education graduates	01/01/2014 to 31/12/2015	Research team member