

Panagiotis Simos, Ph.D.

Date of Birth: November 9, 1967

EDUCATION

University of Crete, Department of Social Studies	B.A.-Major in Psychology (1990)
Southern Illinois University	M.A. in Psychology (1993)
Southern Illinois University	Ph.D. in Experimental Psychology- Biopsychology (1995)

UNIVERSITY APPOINTMENTS

1991-1995	Research Assistant, Department of Psychology, Southern Illinois University.
1995-1996	Post-doctoral Fellow, Department of Neurosurgery, University of Texas-Houston.
1996-2001	Assistant Professor, Department of Neurosurgery, The University of Texas-Houston, Medical School,
2001-2003	Associate Professor, Department of Neurosurgery, The University of Texas-Houston, Medical School.
2003-2008	Associate Professor, Department of Psychology, University of Crete, Greece.
2008-2012	Professor, Department of Psychology, University of Crete, Greece.
2012-present	Adjunct Professor, Department of Pediatrics, The University of Tennessee Health Science Center
2013-present	Professor, Department of Psychiatry and Behavioral Sciences, School of Medicine, University of Crete, Greece.
2014-	Affiliated Researcher, Institute of Computer Science, Computational Medicine Laboratory, ITE-FORTH.

CLINICAL EXPERIENCE

1995-1996	Intraoperative Electrophysiological Monitoring, Department of Neurosurgery, Herman Memorial Hospital, Houston, Texas
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- 1995-2000 Microelectrode-assisted Pallidotomy (Neurophysiological Recordings and Mapping), Department of Neurosurgery, Herman Memorial Hospital, Houston, Texas
- 1997-2003 Presurgical mapping of language-specific cortex using Magnetic Source Imaging (MSI), Department of Neurosurgery, Herman Memorial Hospital, Houston, Texas
- 1997-2003 Presurgical localization of epileptic foci using MSI, Department of Neurosurgery, Herman Memorial Hospital, Houston, Texas.
- 2016-present Coordinator, Neuropsychology Service, Heraklion University Hospital, Herakleion, Crete
- 2022-present Neuropsychology supervisor, Alzheimer's Day Center, Heraklion University Hospital, Herakleion, Crete

TEACHING WORK

Undergraduate

- 2003-2010 Neuropsychology (core course), Intellectual Assessment Methods (elective lab course), Neuropsychological Assessment Methods (elective lab course), Department of Psychology, University of Crete, Greece
- 2009-present Psychiatry (4th-year core course), School of Medicine, University of Crete, Greece
- 2013-present Continuous learning courses for psychology trainees on neuropsychological assessment methods and clinical skills

Graduate

- 2005-present Psychology Core, Brain and Mind MSc Program, School of Medicine, University of Crete, Greece
- 2015-2017 Functional Neuroimaging: Basic principles and techniques (elective), Brain and Mind MSc Program, School of Medicine, University of Crete, Greece
- 2020-present Systems Neuroscience Core, Neuroscience MSc Program, School of Medicine, University of Crete, Greece
- 2021 Imaging of CNS Structures and Biological Processes, Neuroscience MSc Program, School of Medicine, University of Crete, Greece
- 2021-2023 Developmental Neuropsychology, Clinical Neuropsychology MSc Program, School of Medicine, University of Athens.

Dissertations supervised/co-supervised

Completed: Emmanouil Papastefanakis, Christos Tsitsipanis, Eleni Aivalioti, Marianna Karvani, Anastasia Pampouchidou, Eleftherios Kavroulakis, Dimitrios Kaselimis, Eirini Spiridaki, Sofia Papaioannou, Theodora Panou, Vassiliki Tsirka, Rodanthi Lemonaki, Dionysia Kroustalaki, Dongwook Lee, Warren Merrifield

In progress: Eleni Skourti, Aggeliki Gleni, Vassiliki Karkania, Vlassis Karageorgos.

Post-doctoral fellows supervised

Theodora Panou, Stavros Dimitriadis, Dimitrios Kaselimis, Eirini Spiridaki, Georgios Giannakakis, Georgia Ktistaki, Eleftherios Kavroulakis, Despina Antypa, Vassilios Kehayias.

INVITED LECTURES

The International Dyslexia Association, 52nd Annual Conference, Albuquerque, New Mexico, October 24-27, 2001 “Aberrant Brain Activation Profiles in Kindergarten Children at Risk for Dyslexia”

Houston Branch of the International Dyslexia Association, Pathways to Potential V, October 14 2000, Houston, Texas “Neuroimaging Studies of Dyslexic Children”

Society for Research in Child Development Symposium on Developmental Neurobiology of Oral and Written Language, April 24-27 2003, Tampa, Florida. “Early development and plasticity of neurophysiological processes involved in reading”

Interdisciplinary Language and Cognition program, Northwestern University, Evanston, Illinois, March 3, 2003 "Functional brain imaging in normal and impaired reading: A developmental perspective”

The Netherlands Organization for Scientific Research Workshop on Prevention, intervention, and treatment of developmental dyslexia, Amsterdam, The Netherlands, November 20-21, 2003 “Brain Imaging in Normal and Impaired Reading – A Developmental-Educational Perspective”

University of Alabama, Medical School, Comprehensive Epilepsy Program, Birmingham, Alabama. Guest Lecture Series, March 25, 2003 “MEG Applications: Pre-Surgical Mapping of Sensory-Motor & Language Functions”

Houston Neuropsychological Society. Key Note Address, 1999

EDITORIAL APPOINTMENTS

2008-2016. Associate Editor: Psychology (Greece)

2006-present. Editorial Board member, Developmental Neuropsychology

2014-present. Editorial Board member, Annals of Dyslexia

Manuscript reviews for:

Aging
Biological Psychiatry
Biological Psychology
Brain
Brain and Cognition
Brain and Language
Brain Research
Brain Research Bulletin
Cerebral Cortex
Child Development
Clinical EEG and Neuroscience
Clinical Neurophysiology
Cognitive Brain Research
Epilepsia
Experimental Brain Research
Frontiers in Human Neuroscience
Hearing Research
Human Brain Mapping
Journal of the International Neuropsychological Society
Journal of Clinical Psychiatry
Journal of Cognitive Neuroscience
Journal of Learning Disabilities
Journal of Neuropsychology
Learning and Individual Differences
Learning and Memory
Learning Disabilities Quarterly
Learning Disabilities: A Contemporary Journal
Neuroimage
Neuropsychologia
Neuropsychology
Neuropsychology and Cognition
Neuroreport
Neuroscience
Neuroscience Letters
Proc. of the National Academy of Sciences
Contemporary Psychology (Book Review)

Grant Reviews for:

Israel Science Foundation

Academy of Finland
Medical Research Council (UK; 2004)
National grants for Doctoral Research “Heracleitos”, Ministry of Education, Greece (2009)
National grants for College Practica, Ministry of Education, Greece (2009)
Hellenic Foundation for Research and Innovation (ELIDEK), Greece (2020-21)
National Science Foundation (2009)
Austrian Science Fund (2013-2014)
United States-Israel Binational Science Foundation (2014)

COMMITTEES AND OFFICES HELD

Special Emphasis Review Panel, Child Development and Behavior Branch at the National Institute of Child Health and Human Development (2002)
Biobehavioral & Behavioral Sciences Subcommittee, Child Development and Behavior Branch at the National Institute of Child Health and Human Development (2004)
Ad hoc committee member, Evaluation Committee of Private Universities, Republic of Cyprus, 2010-11
Director, Graduate Program in Clinical Psychology, Department of Psychology, University of Crete, Greece (2003-2004)
Director, Graduate Programs in School and Health Psychology, Department of Psychology, University of Crete, Greece (2004-2005)
Vice Chairman, Department of Psychology, University of Crete, Greece (2004-2005 & 2008-2009)
Scientific Committee Member, 3rd Developmental Psychology Conference, Greek Psychological Association, Aristotle University of Thessaloniki, 2012.
Scientific Committee Member, 3rd Cognitive Psychology Conference, Greek Psychological Association, University of Ioannina, 2012.
Scientific Committee Member, MEG. Applications Conference Xylocastro, Greece September, 2005.
Scientific Committee Member, 2nd Biannual of the International Society for the Advancement of Clinical Magnetoencephalography (ISACM), Athens, Greece, September, 2009.
Graduate Studies Committee (member), School of Medicine, University of Crete, 2017-present
Research Ethics Committee (member), University Hospital of Herakleion, 2021-present

EXTERNAL RESEARCH FUNDING

Post-doctoral fellowship supervisor/PI - *Regulation of Stress and Early-life Brain Development*. HORIZON-MSCA-2022-PF-01-01, Postdoctoral Fellowships - Global Fellowships
Duration: 2023-2026m Total budget [FORTH]: €311,292.

Supervisor of Doctoral Fellowship - *A novel, integrated approach to explain reading comprehension ability in elementary school children using eye tracking techniques*, Hellenic Foundation for Research and Innovation (Duration: 2024-2027), Total budget [UoC]: €32,400.

Post-doctoral fellowship supervisor/PI - *Brain Networks in Learning* Marie Skłodowska-Curie Action - Individual Fellowships (MSCA-IF-2019, Duration: 2021-2023) Total budget [FORTH]: €165,085.

Co- Investigator - *Next-Generation Gaming and Creative Technologies' Platforms and Applications*. General Secretariat for Research and Innovation, Greek Ministry for Research and Innovation. 2022-2023

Co- Investigator - *Sleep Apnea (OSA) and poor sleep as Risk Factors for decreased cognitive performance in patients with Mild Cognitive Impairment: the Cretan Aging Cohort (CAC)*. Faculty Research Support Grant (2019-2022; Total budget [UoC]: €199,000).

Co-Principal Investigator - *Assigning Meaning to the Actions of Other Subjects: Neural Correlates - AMAOS*. Hellenic Foundation for Research and Innovation, Faculty Research Support Grant (2019-2022; Total budget [FORTH]: €95,000).

Principal Investigator – *Novel approaches for community-based diagnosis and psychosocial interventions of elders with mild cognitive impairment*. Municipality of Herakleion (2019-2020; Total budget [FORTH]: €100,000).

Co-Principal Investigator – *Predicting effective adaptation to breast cancer to help women BOUNCE back* (project ID 777167), Horizon 2020-Personalized Medicine. Total budget: €5,000,000 (FORTH budget: €760,000).

Post-doctoral fellowship supervisor/co-PI - *Cognitive, psychoemotional and neuroimaging predictors of disease progression in the early stages of Multiple Sclerosis*. Hellenic Foundation for Research and Innovation, Post-Doctoral Fellowship Grant (Total budget [UoC]: €150,000).

Co-Principal Investigator – *Parallel algorithms for very large tensor processing* – PARTENSOR. Operational Programme Competitiveness, Entrepreneurship and Innovation 2016-2021 (EPAnEK) (Total budget: 589,500; UoC budget: €82,000).

Co-investigator – Mental Simulation of Action-MESI. Aristeia II Program, Operational Programme for Education and Lifelong Learning 2007-2013 (E.P.E.D.V.M.) of the NSRF (2007 - 2013), 2014-Fall 2015.

Principal Investigator – Advanced Age: Designing a protocol for the Evaluation of Cognitive Functions and Quality of Life and Evidence-Based Interventions. Cross-border Cooperation Programme “Greece-Cyprus 2007-2013”, co-funded by European Union and National Funds Total budget: €150,000.

Principal Investigator - Cognitive, psychosocial, and physiological aspects of patient adaptation and well-being in autoimmune chronic diseases: A longitudinal study of multiple sclerosis and rheumatoid arthritis. Aristeia I Program, Operational Programme for Education and Lifelong Learning 2007-2013 (E.P.E.D.V.M.) of the NSRF (2007 - 2013), Fall 2012-Fall 2015, Total budget: €291,000.

Supervisor – Neuroanatomical substrates of speech and reading impairments in Greek. Doctoral Fellowship to Dimitrios Kasselimis, "IRAKLITOS II - University of Crete" of the Operational Programme for Education and Lifelong Learning 2007-2013 (E.P.E.D.V.M.) of the NSRF (2007 - 2013), 2011-2014, Total budget: €42,000.

Co-Supervisor – Causal paths among psychosocial factors, systemic inflammation, and metabolic function. Doctoral Fellowship to Eirini Spyridaki, "IRAKLITOS II - University of Crete" of the Operational Programme for Education and Lifelong Learning 2007-2013 (E.P.E.D.V.M.) of the NSRF (2007 - 2013), 2011-2014, Total budget: €42,000.

Co-Investigator, Project 1, Multidisciplinary Network for the Study of Alzheimer's Disease, Jan 1 2012-Dec 31 2014, Thalys program, 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). Total budget: €521,700.

Co-PI Project PA2, Applied Neuroscience and Neurobehavioral Research Center, Research Promotion Foundation, Republic of Cyprus & European Regional Development Fund. June 2010-June 2014. Direct Costs €27,000.

Co-Investigator - A coordinated International and Multidisciplinary action on the experience of time (TIMELY). European Cooperation in the field of Scientific and Technical Research (COST), EU RTD Framework Programme.

Principal Investigator – EPEAEK Program, "Development and Standardization of Screening Measures for Attention and Executive Functions for Elementary School Children", Greek Ministry of Education (Greece), Direct Costs €200,000 (7/20/06 – 12/31/07).

Principal Investigator - RFA-NS-02-011, “Integration of MSI/fMRI Studies of Reading”. RFA-NS-02-011 National Institute of Neurological Disorders and Stroke, Direct costs \$978,681 (9/30/02 - 6/30/05).

Principal Investigator - RO1 HD30885, “Biological and Behavioral Variation in the Language Development of Spanish-Speaking Children” Project 6. National Institute of Child Health and Development. Direct costs \$785,000 (09/01/01 –08/31/05).

Co-Principal Investigator - BCS-0116150, “Acquisition of Magnetic Source Imaging System for Cognitive and Educational Neuroimaging”. National Science Foundation. \$2,000,000 (09/01/2001 – 08/31/2004).

Co-Investigator – RO1 HD38346-01, “Brain Activation Profiles in Dyslexia: A MEG Study” National Institute of Child Health and Development. Total award: \$1,685,813 (7/01/2000 – 6/30/2004).

Co-Investigator - RO1 NS37941-01, “Contributions of MEG to the Surgical Management of Epilepsy.” National Institute of Neurological Disorders and Stroke. Total award: \$2,674,447 (12/01/1999 – 11/30/2003).

Co-Investigator - REC-9979968, “Early Development of Reading Skills: A Cognitive Neuroscience Approach.” Project 2: “Brain Mapping with MEG.” National Science Foundation. Total award: \$1,035,062 (10/1/99-9/30/02).

BOOK CHAPTERS

1. Simos, P.G. (2020). Reading, reading acquisition, and reading disability (dyslexia). In A.C. Papanicolaou, T.P.L. Roberts and J.W. Wheless (Eds), Fifty years of Magnetoencephalography: Beginnings, Technical Advances and Applications.
2. Simos, P.G., Bowyer, S.M., & Kamada, K. (2020). Language mapping with MEG: Clinical and research applications. In A.C. Papanicolaou, T.P.L. Roberts and J.W. Wheless (Eds), Fifty years of Magnetoencephalography: Beginnings, Technical Advances and Applications.

3. Simos, P.G., Rezaie, R., & Papanicolaou, A.C. (2019). Applications of Magnetoencephalography in epilepsy and tumor surgery. In Kapsalaki, E. & K. Fountas (Eds.), *Epilepsy and Intrinsic Brain Tumor Surgery: A Practical Atlas*. Springer.
4. Papanicolaou, A.C., Rezaie, R., & Simos, P.G. (2019). The auditory and association cortex and language evaluation methods. In K. Levin & P. Chauvel (Eds.), *Handbook of Clinical Neurology*, Vol. 160 (3rd series) *Clinical Neurophysiology: Basis and Technical Aspects*. Elsevier.
5. Pampouchidou A, Kazantzaki E, Karatzanis I, Marias K, Tsiknakis M, Meriaudeau F, Yang F, Simos P. (2016). Preliminary Evaluation of a Web-Oriented Assessment Tool for Emotion Recognition. *Studies in Health Technology and Informatics*, 224, pp. 95-100.
6. Sideridis, G.D., Georgiou, G.K., Simos, P., Mouzaki, A., & Stamovlasis, D. (2015). The Role of Rapid Automatized Naming (RAN) in Reading Disruption: An Application of the Cusp Catastrophe. In C.M. Connor & P. McCardle (Eds.), *The Extraordinary Brain Series, XIV, Reading Intervention: Research to Practice to Research*, Brooks Publishing.
7. Mousas, A., Simos, P.G., Rezaie, R., & Papanicolaou, A.C. (2015). Estimation of regional activation maps and interdependencies from minimum norm estimates of MEG data. In V. Sakkalis (Ed.), *Modern Electroencephalographic Assessment Techniques: Theory and Applications*. Humana Press.
8. Κουκιά-Κουτελάκη, Ε., Σίμος, Π., & Καραδήμας, Ε.Χ. (2014). Ποιότητα του γονεϊκού δεσμού και ψυχοκοινωνική προσαρμογή στην προεφηβική ηλικία. Στο Μ. Μαλικιώση-Λοϊζου & Α. Γιοβαζολιάς (Eds.), *Συμβουλευτική Ψυχολογία: Σύγχρονα Ζητήματα Έρευνας και Πρακτικής*. Αθήνα: Πεδίο.
9. Σίμος, Π. (2014). Αναπτυξιακή διαταραχή της ανάγνωσης: γνωσιακές και νευροβιολογικές συνιστώσες, και διάγνωση. Στο Κ. Πόταγας & Ι. Ευδοκίμηδης (Επιμ.), *Συζητήσεις για το Λόγο στο Αιγινήτειο*, Αθήνα: Κοινός Τόπος Ψυχιατρικής, Νευροεπιστημών & Επιστημών του Ανθρώπου.
10. Rezaie, R., Simos, P.G., Fletcher, J.M., Denton, C., & Papanicolaou, A.C. (2012). Exploring the neurophysiology of typical and impaired reading ability using magnetic source imaging. In D. Moltes, Z. Breznitz, V. Berninger, and O. Rubinsten. (Eds.), *Listening to many voices: Reading, writing, math and the brain*, Springer.
11. Σίμος, Π., Κασελίμης, Δ., & Παπανικολάου, Α. (2011). Μελέτες απεικόνισης των εγκεφαλικών μηχανισμών στην ανάγνωση και τις διαταραχές της. Στο Μ. Κωνσταντίνου και Μ. Κοσμίδου (Επιμ.), *Νευροψυχολογία των Μαθησιακών Διαταραχών: Εκτίμηση, Διάγνωση και Παρέμβαση*, Αθήνα: Παρισσιάνος.
12. Simos, P.G., Papanicolaou, A.C., Castillo, E.M., & Buchanan, D.S. (2009). Section 3: Evoked Magnetic Fields. In A.C. Papanicolaou (Ed.), *Clinical Magnetoencephalography and Magnetic Source Imaging*. Cambridge: Cambridge University Press.
13. Simos, P.G., Fletcher, J.M., Sarkari, S., Billingsley, R.L., Denton, C., & Papanicolaou, A.C. (2006). Intensive Reading Instruction: Reading Outcomes Parallel Changes in the Intrinsic Organization of the Brain Circuit for Reading. In G. D. Sideridis & T. A. Citro (Eds.), *Best*

practices in learning disabilities: Bridging the gap between research and practice. Boston, MA: LDW.

14. Simos, P.G., Castillo, E.M., & Papanicolaou, A.C. (2012). Clinical Applications of Magnetoencephalography in neurology and neurosurgery. In D. Yosior and E. Mizrahi (Eds), *Cortical Mapping in Clinical Practice*. New York: McGraw-Hill.
15. Simos, P.G., Papanicolaou, A.C., & Sarkari, S. (2008). Electromagnetic neural indices of normal and atypical spoken language processing. In M. Mody & E.R. Silliman (Eds), *Brain, behavior, and learning in Language and Reading Disorders*. Guilford Press.
16. Maestú, F., Campo, P., Fernández, A., Simos, P.G., Fernández, S., Gil-Gregorio, P., Ortiz, T. (2006). Contributions of magnetoencephalography in the early diagnosis of Alzheimer's disease. In E.M. Welsh (Ed.), *Trends in Alzheimer's Disease Research*. Nova Science Publishers, pp. 185-200.
17. Denton, C.A., Fletcher, J.M., Simos, P.G., Papanicolaou, A.C., & Anthony, J. (2007). An Implementation of a Tiered Intervention Model: Reading Outcomes and Neural Correlates. In D. Haager, S. Vaughn, & J. K. Klingner (Eds), *Validated Reading Practices for Three Tiers of Intervention*. Baltimore, Maryland: Paul H. Brookes.
18. Dash, P.K., Runyan, J.D., Blum, S., Hebert, A.E., Simos, P.G., & Papanicolaou, A.C. (2006). Putative brain mechanisms of the various memory functions. In A.C. Papanicolaou, *The Amnesias: A clinical textbook of the disorders of memory and their neurophysiological causes*. Oxford University Press.
19. Economou, A., Simos, P.G., & Papanicolaou, A.C. (2006). Age-related memory decline. In A.C. Papanicolaou, *The Amnesias: A clinical textbook of the disorders of memory and their neurophysiological causes*. Oxford University Press.
20. Simos, P.G., Billingsley-Marshall, R.L., Sarkari, S., & Papanicolaou, A.C. (2007). Single-Word Reading: Perspectives from Magnetic Source Imaging. In E. Grigorenko (Ed.), *Single word reading, Cognitive, Behavioral, and Biological Perspectives*. Lawrence Erlbaum Publisher.
21. Billingsley-Marshall, R.L., Simos, P.G., & Papanicolaou, A.C. (2006). Limbic amnesias. In A.C. Papanicolaou, *The Amnesias: A clinical textbook of the disorders of memory and their neurophysiological causes*. Oxford University Press.
22. Papanicolaou, A.C., Simos, P.G., & Sarkari, S. (2005). Brain and Language: Brain imaging of language processing: Magnetoencephalography. In Keith Brown (Ed.), *Encyclopedia of Language and Linguistics*, 2nd edition. pp. 437-444.
23. Papanicolaou, A.C. & Simos, P.G. (2006). Transient global amnesia. In A.C. Papanicolaou (Ed.), *Memory and the Amnesias*. Oxford University Press.
24. Fletcher, J.M., Simos, P.G., Papanicolaou, A.C., & Denton, D. (2004). Neuroimaging in Reading Research. In N.K. Duke & M. Mallette (Eds), *Literacy Research Methodologies*. New York: Guilford Publications, pp. 252-286.

25. Papanicolaou, A.C., Pugh, K.C., Simos, P.G., & Mencl, W.E. (2004). Functional brain imaging: An introduction to concepts and applications. In McCardle and Chhabra (Eds) *The Voice of Evidence: Bringing Research to Classroom Educators*.
26. Papanicolaou, A.C., Simos, P.G., Fletcher, J.M., Foorman, B.F., Castillo, E.M., & Sarkari, S. Early development and plasticity of neurophysiological processes involved in reading. (2003). in B. Foorman (Ed.), *Preventing and Remediating Reading Difficulties: Bringing Science to Scale*. Timonium, MD: York Press.
27. Papanicolaou, A.C., Davis, R.N., Valaki, C.E. & Simos, P.G. Brain mechanisms for language among polyglots: The contributions of clinical and functional neuroimaging studies. In F. Wood (Ed.), *Brain and languages: The challenge to reading education*. York Press: Timonium, MD, in press.
28. Wheless JW, Venkataraman V, Breier JI, Simos PG, Zouridakis G, Papanicolaou AC. Functional Brain Mapping with Magnetoencephalography (MEG). (2001). In Kayama T (Ed.): *Advanced Technology: Brain Tumor Surgery: Clinical application of advanced technologies*, Japanese Brain Tumor Congress, Japan, 100-115.
29. Wheless JW, Venkataraman V, Kim H, Breier JI, Simos PG, Zouridakis G, Papanicolaou AC. *Assessing Normal Brain Function with Magnetoencephalography (MEG)*, in press.
30. Fletcher, J.M., Simos, P.G., Shaywitz, B.A., Shaywitz, S.E., Pugh, K.R., & Papanicolaou, A.C. (2000). *Neuroimaging, language, and reading: The interface of brain and environment*. Washington DC: Office of Bilingual Education and Minority Languages Affairs.
31. Papanicolaou, A.C., Simos, P.G., & Basile, L.F.H. (1998). Applications of magnetoencephalography to neurolinguistic research. In B. Stemmer & H.A. Whitaker (Eds.), *The Handbook of Neurolinguistics*. Academic Press.
32. Molfese, D.L., Murray, K., Martin, T., Peters, C., Tan, A., Gill, L.A., & Simos, P.G. (1996). Coordinating a research team: maintaining and developing a good working laboratory. In F.T.L. Leong & J. Austin (Eds.), *The Psychology Research Handbook: A Primer for Graduate Students and Research Assistants*. Sage Books.
33. Molfese, D.L., Gill, L.A., Simos, P.G., & Tan, A. (1994). Implications for biological factors on development. In L. DiLalla & S.M. Clancy (Eds.), *The Assessment of Biological Mechanisms Across the Lifespan*. Hillsdale: Erlbaum.
34. Molfese, D. L., Simos, P. G., & Sarkari, S. (1995). Electrophysiological correlates of orthographic and phonological processing using the probe procedure. In G. Berninger (Ed.), *The Varieties of Orthographic Knowledge: Theoretical and Developmental Issues*. Kluwer Academic Publishers.

Books

Simos, P.G. Vision in the brain: Organization and plasticity in the visual system. Lisse, The Netherlands: Swets & Zeitlinger Publishers, 2001.

Simos, P.G. & Komilis, E. Research Methods in Psychology and Cognitive Neuroscience.
Athens, Greece: Papazisis, 2003.

PEER-REVIEWED JOURNAL ARTICLES: International

Total citations:	8020, h index = 48 (Scopus)
	13610, h index = 64 (Google Scholar)
Excluding self-citations:	7100, h index = 43 (Scopus)

1. Karageorgos, V, Darivianaki P, Spartinou A, Christofaki M, Chatzimichali A, Nyktari V, Simos, P, Papaioannou A. A randomized clinical trial of dexmedetomidine on delirium, cognitive dysfunction and sleep after non-ambulatory orthopedic surgery with regional anesthesia. *Anesthesia & Analgesia*, in press.
2. Karademas EC, Roziner I, Mazzocco K, Pat-Horenczyk R, Sousa B, Oliveira-Maia AJ, Stamatakis G, Kondylakis H, Kolokotroni E, Almeida S, Lemos R, Mattson J, Simos P, Poikonen-Saksela P, BOUNCE consortium. The Illness Representations – Physical Well-being Interplay Over Time in Breast Cancer Patients. *Health Psychology*, in press.
3. Antypa D, Kafetsios K, Simos P, Kyvelea M, Kosteletou E, Maris T, Papadaki E, Hess U. (2024). Distinct neural correlates of accuracy and bias in the perception of facial emotion expressions. *Social Neuroscience*,
4. Kagialis A, Simos N, Manolitsi K, Vakis A, Simos P, Papadaki E. (2024). Functional connectivity-hemodynamic (un)coupling changes in chronic mild brain injury are associated with mental health and neurocognitive indices: a resting state fMRI study. *Neuroradiology*, 66, 985-998.
5. Giazitzidou, S., Simos, A., Bachoumis, A., Papadimitriou, V., & Mouzaki, A. (2024). Spelling Development of Children with and without Reading Difficulties throughout Elementary Grades: Evidence from the Greek Orthography. *Annals of Dyslexia*, 74, 197-221.
6. Mavroeides, G., Basta, M., Vgontzas, N., Karademas, E.C., Simos, P., Koutra, K. (2024). Prospective associations between personality traits and major depressive disorder symptom severity: The mediating role of illness representations. *Psychiatric Quarterly*, 95, 299-320.
7. Tsitsipanis, C., Papadimitriou I, Tsoukaras I, Moustakis N, Lazarioti S, Theophanopoulos, AK, Kritikou, G, Ntotsikas, K, Simos, P, Kokkinakis, E, Karabetsos D, Vakis A. (2024). Remarkable recovery after severe gunshot brain injury: A comprehensive case study of functional rehabilitation. *American Journal of Case Reports*, 25: e941601.
8. Basta, M., Bouloukaki, I., Skourti, E., Zampetakis, A., Alexopoulou, C., Ganiaris, A., Aligizaki, M., Zaganas, I., Simos, P., Vgontzas, AN. (2024). Long objective sleep duration is a marker of cognitive impairment in older adults: findings from the Cretan Aging Cohort. *Journal of Alzheimer's Disease Reports*, 8, 927-934.
9. Vgontzas, AN, Paschalidou, A, Simos, P, Anastasaki, M, Zografaki, A, Volikos E, Koutra, A, Basta, M. (2024). Impact of long-acting injectable antipsychotics vs. oral medication on relapses in a community-based sample of patients with psychosis and bipolar disorder. *Psychiatry Research*, 2024 Feb;332:115676.

10. Karademas EC, Mylona E, Mazzocco K, Pat-Horenczyk R, Sousa B, Oliveira-Maia AJ, Oliveira J, Roziner I, Stamatakis G, Cardoso F, Kondylakis H, Kolokotroni E, Kourou K, Lemos R, Manica I, Manikis G, Marzorati C, Mattson J, Travado L, Tziraki-Segal C, Fotiadis D, Poikonen-Saksela P, Simos P; BOUNCE consortium. (2023). Well-being trajectories in breast cancer and their predictors: A machine-learning approach. *Psychooncology*. Oct 13. doi: 10.1002/pon.6230.
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Abstracts Presented (but not published) in International Conferences

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