

C.V.

Stavroula SAMARTZI
Professor of Cognitive Development

Panteion University, Department of Psychology, Section of Educational and Cognitive Psychology



1. PERSONAL DETAILS

Professional Status: Professor (Cognitive Development)
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2. EDUCATION

Doctor of Philosophy: PhD in Cognitive Psychology (Obtained with Honors and the unanimous Compliments of the Jury), Department of Psychology, the University of Paris VIII, Paris, France (1992)
Postgraduate Studies: MSc (D.E.A.) in Cognitive Process, the Universities of Paris VIII and Paris V, Paris, France (1988)
University Degrees: BA. (MAITRISE) in Psychology, Department of Psychology, the University of Paris VIII, Paris, France (1987)
Languages: Greek (native speaker), English, French (fluent speaker/writer).

3. ACADEMIC HONORS

Foundation of the French Ministry of Research and Technology: "Allocation de Recherche", (1989 - 1991).

4. RESEARCH INTEREST

My research interests focus on the study of human cognition concerning, in particular, Cognitive Psychology and Cognitive Development. Within this framework I study the psycho-genesis and development of cognitive process (learning, perception, attention, language, memory, representations and problem solving) and I am interested in the conditions and parameters that influence cognitive development of children, adolescents and adults. An important area of my research concerns

perception, comprehension and acquisition of mathematical and physical notions, i.e. number and time. I work on temporal reasoning, the abilities of temporal problems solving as well as the emerging representations and the cognitive strategies employed by solvers, according their age, their degree of experience and the type of problem. I am interested on Applied Cognitive and Developmental Psychology, as well.

5. RESEARCH AND ADMINISTRATIVE ACTIVITIES

5.1 Research activities in Research Centres

1989-1991: National Centre of Scientific Research – CNRS: Member of the Laboratory “Cognitive Psychology of Processing of Symbolic Information”.

5.2 Administrative activities

From 1993 – today, for several temporal periods:

Head of the Section of Educational and Cognitive Psychology, Associate President of the Department of Psychology, member of the Executive Committee of the Centre of Psycho-sociological Research of Virtual Communities’ Governance, member of the Executive Committee of the Hellenic Society of the Sciences of Knowledge and Cognition, Member of the Senate, Member of many Senate’s and Departmental committees at Panteion University (i.e. the committee for the undergraduate program of Psychology department).

6. ACADEMIC ACTIVITIES

6.1 Undergraduate Teaching

University of Paris VIII From 1988 to 1992, for several temporal periods,
Teaching subjects

- Seminars of Educational Psychology
- Cognitive Development
- Developmental Psychology

Panteion University of From 1993– today, for several temporal periods,
Social and Political Teaching subjects
Sciences

- Seminar of Cognitive and Experimental Psychology
- Seminar of Cognitive and Developmental Psychology
- Introduction to Cognitive Psychology
- Introduction to Developmental Psychology
- Cognitive Development
- Development of Mathematic Concepts
- Structure and Process of the Cognitive System: The case of problem solving
- Current Issues in Cognitive Psychology
- Cognitive Psychology: Research and Applications

6.2 Post graduate Teaching

EKPA University of Teaching subjects:
Athens, MSc of Applied ▪ Cognitive Psychology
Cognitive Science ▪ Cognitive Development

Panteion University of
Social and Political
Sciences, MSc of Virtual
Communities. Socio-
Psychological
approaches and
Technical Applications

Teaching subjects:

- Principles of Cognitive Psychology I
- Principles of Cognitive Psychology II

7. SUPERVISION OF PhD THESES

Head Supervisor, Member of the Supervising Committee, Member of the Examination Committee

8. POSTGRADUATE ESSAYS AND ERASMUS STUDENTS SUPERVISION

8.1 Supervision of Post graduate essays under the Msc Program in Virtual Communities. Socio-Psychological approaches and Technical Applications, Panteion University

8.2 Erasmus student supervision

9. MEMBER OF THE THREE MEMBER COMMITTEE FOR ELECTION OF ACADEMIC STAFF

Several times, from 1998 till today, in the subjects of Cognitive Development, Cognitive Psychology, Developmental Psychology.

10. MEMBER OF ORGANIZATIONAL AND SCIENTIFIC COMMITTEES OF CONGRESS AND CONFERENCES

From 1990 more than thirty participations as a member of organizational and scientific committees.

11. PAPERS PRESENTED IN EUROPEAN AND INTERNATIONAL CONFERENCES

(Selected)

July 2015. *The role of cooperative play in word learning: evidence from autism spectrum disorder*, Στο 10th International Conference on Child and Adolescent Psychopathology, Whitelands College, University of Roehampton, London.

July 2015. *Speech – Gesture combination in autism spectrum disorders*, Στο 10th International Conference on Child and Adolescent Psychopathology, Whitelands College, University of Roehampton, London.

March-April 2014. *Duration estimation of writing: The influence of emotionality on subjective time*, TIMELY- International Conference on Timing and Time Perception, CORFU.

June 2010. "Effects of musical training and emotional content of stimuli on time estimation", Poster, 11th International Multisensory Research Forum, Liverpool, U.K.

February 2008. "Le développement cognitif des notions durée et âge: Les cas du référent unique et du référent double" Laboratory *Paragraphe*, Research Group "Compréhension, Raisonnement et

- Acquisition de Connaissances" (Comprehension, Reasoning and Knowledge Acquisition), University Paris VIII, Paris, France.
- February 2008. "Le développement cognitif: Différents aspects du temps", University Institute of Teacher's Formation of Haute Normandie, University of Rouen, Rouen, France.
- August 2005. "Pupils problem solving of concepts in Science and Technology: Cognitive processes and teaching approaches. Paper presented in EARLI 11th Biennial Conference, Nicosia, Cyprus.
- November 2005. "Résolution des problèmes: Aspects psychologiques cognitifs et sociaux". University of Paris VIII, Department of Psychology, Paris, France.
- September 1999. "Role of structure and semantic context on arithmetic word problems' resolution". IXth European Conference on Developmental Psychology, Spetses, Greece.
- September 1999 "The role of information's elaboration on knowledge's acquisition". IXth European Conference on Developmental Psychology, Spetses, Greece.
- March 1998. "The Tower of Hanoi : Revisited". 6th Workshop on Achievement and Task Motivation, Earli-SIG : Motivation and Emotion, Thessaloniki, Greece.
- September 1996. "Reasoning on physical notions in child, adolescent and adult". Homage à Jean Piaget : «La pensée en évolution», Genève.Swiss.
- July 1995. "The coordination of lived and constructed time". IVth European Congress of Psychology, Athens, Greece.
- September 1992. "Quantification as a cognitive process". Vth European Conference on Developmental Psychology, Seville, Spain.
- October 1991. "Time and inference rules in children, adolescents and adults". NATO Workshop *Time, Action and Cognition*, Saint Malo, France.
- August 1990. "Temporal reasoning in children, adolescents and adults : decidability and indecidability process". IVth European Conference on Developmental Psychology, Stirling, Scotland, U.K.
- March 1990. "Analyse des stratégies dans le cadre du raisonnement temporel". Journée Scientifique : *Processus Cognitifs et Apprentissage*, Laboratoire de Psychologie Cognitive du traitement de l'Information Symbolique, University of PARIS VIII.
- January 1990. "Qualitative and quantitative strategies on resolution of temporal problems". Workshop *Time and cognition : A life-span perspective*, Laboratoire de Psychobiologie de l'Enfant, University of Paris V.
- December 1989. "Raisonnement temporel : les mécanismes cognitifs chez l'enfant, l'adolescent et l'adulte". Journée Scientifique : *Raisonnements Cognitifs*, Laboratoire de Psychologie Cognitive du traitement de l'Information Symbolique, University of Paris VIII.
- July 1989. "Qualitative and quantitative time reasoning in children". Thirteen International Group for the Psychology of Mathematics Education, Paris, France.

12. PAPERS PRESENTED IN GREEK CONFERENCES

More than fifty participations with paper presentation.

13. LITERARY WORK

13.1 PhD Thesis

- (1992). La notion du Temps: Développement des raisonnements

13.2 Books

- Samartzi,S., (1995). *Introduction to cognitive process*. Athens: Papazissis. [In Greek].
- Samartzi,S., (2003). *Perception, comprehension and construction of Time: Psycho-Cognitive approaches*. Athens: Kastaniotis. [In Greek].
- Samartzi,S., (2011). *Time as a problem to be resolved: Cognitive strategies and representations*. Athens: Pedio. [In Greek].

13.3. Directions/Editing

- 2009-today : Scientific Director of the Serie : *Cognitive and Experimental Psychology*, Athens, Ed. Pedio.
- (2010). Herrmann, J., Yoder, C. Y., Gruneberg, M. & Payne, D. G. (2006). *Applied cognitive Psychology: A Textbook*, L.E.A. Inc., For the Greek edition: Herrmann, J., Yoder, C. Y., Gruneberg, M. & Payne, D. G. (2006). *Εφαρμοσμένη Γνωστική Ψυχολογία*, S. Samartzi & A. Vatakis (Ed). Athens, Pedio.
- (2009). Ward, J. (2008). *The frog who croacked blue*, Routledge. For the Greek edition: Ward, J. (2009). *Ο Βάτραχος που Κόαζε Μπλε*, A. Vatakis, & S. Samartzi (Ed). Athens, Pedio.
- (2008). Samartzi, S. & Dimitriou, A. (Eds.), *Cognitive Development*, Noisis (4), Athens, Typothitw.
- (2001). Piaget, J. (1998). *Le langage et la pensée chez l'enfant*, Éditions Delachaux et Niestlé, Lausanne. For the Greek edition: Piaget, J. (2001). *Η Γλώσσα και η Σκέψη του Παιδιού: Μελέτες για τη Λογική του Παιδιού*, S. Samartzi (Ed). Athens, Kastaniotis.
- (2000). Piaget, J. (1998). *De la Pédagogie*, Éditions Odile Jacob. For the Greek edition: Piaget, J. (1998). *Περί Παιδαγωγικής*, S. Samartzi (Ed). Athens, Ellinika Grammata.
- (1999). Papastamou, St., Kannelaki, S., Madoglou, A., Samartzi, S., Christakis, N., (Eds). *Psychology in the crossroad of Human and Society Sciences*. Athens: Kastaniotis. [In Greek].

13.4 Papers in Journals and in Conference Proceedings: (selected)

- Kazi, S., Samartzi, S. & Koustoumbardis, M. (submitted). Reading and writing narratives: The influence of emotionality on logical and experiential time. *Applied Cognitive Psychology*
- Kazi, S., Samartzi, S. & Koustoumbardis, M. (2014). Duration estimation of writing: The influence of emotionality on subjective time. *Procedia - Social and Behavioral Sciences*, 126, 249 – 250 (doi: 10.1016/j.sbspro.2014.02.398)
- Samartzi, S. (2013). Knowledge construction through the problem-solving and other cognitive processes). *Neuro-Psychological Medicine Archives*, 18 (4), 2-5
- Samartzi, S. & Kazi, S. (2013). Timing narrative events: The effect of characters' emotions on readers' estimations. *Review of Psychology Frontier*, 2 (1), 17-22.
- Panagiotidi, M. & Samartzi, S. (2012). Time estimation: Musical training and emotional content of stimuli, *Psychology of Music*, 41(5), 620-629. Published online before print, doi:10.1177/0305735612441737.
- Samartzi, S. & Panagiotidi, M. (2011). Interactive Relations among Time, Music and Emotion. *Psychology, The Journal of the Hellenic Psychological Society*, 18(1), 104-116
- Samartzi, S. (2011). Children's cognitive development of lived-experienced time and physical time. *Studia Psychologica*, 53(3), 307-311
- Samartzi, S. & Kazi, S. (2010). Children's mental representations of temporal relations: Number and figure as time's magnitude measures. *Journal of Science Education*, 2(11), 99-102.
- Samartzi, S. & Pavlou, A. (2009). Children's ideas about time, distance and speed concepts: The role of information presentation. *Journal of Science Education*, 2, (10), 87-90.
- Samartzi, S. (2008). Étude développementale des notions de durée et d'âge: Temps physique et temps biologique. *Bulletin de Psychologie*, 61 (6), 498, 551-560.
- Madoglou, A., & Samartzi, S. (2004). The role of conflict and information in the resolution of problems of unfamiliar physics concepts. *Psychology, The Journal of the Hellenic Psychological Society* 11 (1), 106-123.
- Samartzi, S. (1995). L'influence du nombre sur le traitement des problèmes temporels. *Journal International de Psychologie*, 30 (2), 237-255.
- Crépault, J. & Samartzi, S. (1989). Qualitative and Quantitative time reasoning in children. In: *Proceedings of the 13th Annual Conference of the International Group for the Psychology of Mathematics Education*, vol.1, (p.p.196-203).

13.5. Chapters in Books

- Samartzi, S., Kazi, S. & Koustoumbardis, M. (2011). Logical and experiential time in narratives. In: A. Vatakis, A. Esposito, M. Giagkou, F. Cummins & G. Papadelis (Eds.), *Multidisciplinary Aspects of Time and Time Perception*, (p.p. 275-289), Volume 6789 of the Lecture Notes in Computer Science Series. Springer LNCS/LNAI.
- Samartzi, S. & Vatakis, A. (2010). *Intoduction for the Greek edition*. In : D. J. Herrmann, C. Y. Yoder, M. Gruneberg & D. G. Payne, *Εφαρμοσμένη Γνωστική Ψυχολογία (Applied Cognitive Psychology)* p.p. 11-19, Athens, Pedio.
- Vatakis, A. & Samartzi, S. (2009). *Intoduction for the Greek edition*. In : J. Ward, *Ο Βάτραχος που Κόαζε Μπλε(The frog who croacked blue)*, p.p. 11-20, Athens, Pedio.
- Samartzi, S. (2008). Από τη Γνωστική Ψυχολογία στις Δυνητικές Κοινότητες (From Cognitive Psychology to Virtual Communities). In: K. Koskina & S. Arsenis (ed.) *Δυνητικές κοινότητες και διαδίκτυο: Κοινωνιο-Ψυχολογικές προσεγγίσεις και τεχνικές εφαρμογές(Virtual Communities and WWW: Socio-Psychological Approaches and Technical Applications)*, p.p.15-31. Athens, Klidarythmos.[In greek].
- Samartzi, S. (2001). *Intoduction for the Greek edition*. In : J. Piaget *Η Γλώσσα και η Σκέψη του Παιδιού: Μελέτες για τη Λογική του Παιδιού (Le language et la pensée chez l'enfant)* p.p. 9-12), Athens, Kastaniotis.
- Samartzi, S. (2000). *Intoduction for the Greek edition*. In : J. Piaget *Περί Παιδαγωγικής(De la Pédagogie)*, p.p. 9-11), Athens, Ellinika Grammata.
- Samartzi, S. (1992). Time and inference rules in children, adolescents and adults. In F.Macar, V.Pouthas & W.J.Friedman (Eds.), *Time, Action & Cognition : Towards Bridging the Gap*, (p.p. 85-88), NATO-ASI Series. Dordrecht, Kluwer Academic Publishers.

13.6. Articles included in various publications and/or special editions: (selected)

- Samartzi, S., & Kazi, S. (2011). Figure and number as representational means of resolution of temporal relations problems. In: E. Besevegis, D. Pnevmatikos & S. Kazi (edit.), *Psychology, The Journal of the Hellenic Psychological Society, Special edition: Issus of development of child and asolescent, 18 (4)*, 397-420.[In greek].
- Samartzi, S. & Demetriou, (2008). Introdction. In: S. Samartzi & A. Demetriou (edit.) *Noisis, Special Issue: Cognitive Development, 4*, 5-12, Athens, Typothitw [In greek].
- S. Samartzi (2008). The contribution of physic, conventionnal, biological and subjective time in the psycho-genesis and the development of the notions “duration” and “age. In: S. Samartzi & A. Demetriou (edit.) *Noisis, Special Issue: Cognitive Development, 4*, 13-30, Athens, Typothitw [In greek].
- Samartzi, S. (2007). The Roads of Noisis, Journal: *Η Καθημερινή, Special Editions: The Economist*, vol. 36.

13.7. Research studies, Academic Lectures:

- 201-2016 «Aristia II» Baby Affect: Affective and behavioral modeling of early childhood lexicalizations and communicative functions with application to autism spectrum disorders and language delay detection, National Technical University of Athens (N.T.U.A.).
- 2004-2005: Research Academic Computer Technology Institute (EAITY) Patras, Centre of Psycho-sociological Research of Virtual Communities’ Governance, Panteion University, Athens, “Study of virtual communities’ structure, constitution and operation”.
- 2002 – 2003: Hellenic Ministry of Environment, Zoning and Public works, Centre of Psycho-sociological Research of Virtual Communities’ Governance, Panteion University, Athens, “Influence of social representations of the environment on the construction of national identity”.

14. PARTICIPATION IN SCIENTIFIC SOCIETIES

- Member of:
- Hellenic Psychological Society (ELPSE)
 - Hellenic Society of the Sciences of Knowledge and Cognition
 - French Psychological Association (SFP)
 - European Association for Research on Learning and Instruction (EARLI)

15. PARTICIPATION IN INTERNATIONAL NETWORKS

European Cooperation in Science and Technology (COST-ESF Networking grant), “Time In MEntal activitY: theoretical, behavioral, bioimaging and clinical perspectives (TIMELY), ISCH Action TD0904, 2010-2013 (www.timely-cost.eu)