

F.-Xavier Alario

Laboratoire de Psychologie Cognitive
CNRS & Aix-Marseille Université
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Nearly married, one daughter

Employement history

Senior Research Fellow 2002–...
Laboratoire de Psychologie Cognitive CNRS
Marseille, France

Post-doctoral Fellow 2001–02
Cognitive Neuroimaging Unit INSERM
Paris, France

Post-doctoral Fellow 1999–01
Cognitive Neuropsychology Laboratory Harvard University
Cambridge (MA), U.S.A.

Teaching Assistant 1996–99
Laboratoire de Psychologie Expérimentale Université René Descartes
Paris, France

Education

Habilitation 2007
“Habilitation à Diriger des Recherches” Aix-Marseille Université

Ph.D in Cognitive Science 1999
Ecole des Hautes Etudes en Sciences Sociales EHESS
<http://www.ehess.fr>

MA in Cognitive Science 1996
Ecole des Hautes Etudes en Sciences Sociales EHESS
<http://www.ehess.fr>

Engineer degree 1995
Palaiseau, France Ecole Polytechnique
<http://www.polytechnique.edu/>

Honors and Awards

Visiting scientist Universidad de Barcelona – Programa de Movilidad MEC (Feb.-Oct 2005)

Visiting scientist Max-Planck-Institut für Psycholinguistik (October 2001)

Post-doctoral grant Fondation pour la Recherche Médicale (2001-02)

Post-doctoral grant Fondation Fyssen (1999-01)

Ph.D grant Direction Générale de l'Armement (1996-99)

F.-Xavier Alario

Research grants

ANR (French National Research Agency) The cognitive basis of lexical selection (130 kEUR)	2008-10 <i>PI</i> myself
Spanish Ministry of Science and Technology Cognitive costs and benefits of bilingualism (104 kEUR)	2008-10 <i>PI</i> Albert Costa
Local research institute (IFR 131) Cascading processes in language production (14 kEUR)	2008-10 <i>PI</i> myself
Spanish Ministry of Science and Technology Attentional mechanisms in bilingual language production (66 kEUR)	2005-08 <i>PI</i> Albert Costa
ANR (French National Research Agency) Developmental language pathologies and cerebral plasticity (98 kEUR)	2005-08 <i>PI</i> Johanness C. Ziegler
ATIP program (CNRS) Morphology and the mental lexicon (## kEUR)	2002-05 <i>PI</i> Fanny Meunier

Academic service, international

Member and local officer in France for ESCoP (*European Society for Cognitive Psychology*)
Co-organiser of the XVth ESCoP conference: Marseille 08/07
Co-founder of the *International Workshop on Language Production* and member of its scientific committee: Marseille 09/04, Maastricht 08/05, Chicago 08/06, Münster 09/07, Annapolis 07/08
<http://www.lang-prod.org/>

Academic service, local

Member of the board of Institut Fédératif de Recherche 131 *Sciences du cerveau et de la Cognition*
Co-organiser of the Journée de l'Institut Fédératif de Recherche 131 on *Regards sur le cerveau*:
Marseille 09/08
Co-organiser of the 5th Journée d'IRM fonctionnelle de Marseille on *Diversité des populations, diversité des images*: Marseille 11/05

Editorial and Reviewing

Editorial Board of *Applied Psycholinguistics* (U.K.) and *Psicológica* (Spain)
Guest editor of two special issues of *Language and Cognitive Processes* (2006 & 2007)
Ad-hoc reviewer for many journals
Reviewer for conference submissions: Cognitive Science Society, Architectures and Mechanisms for Language Processing
Reviewer for the national research agencies: Agence Nationale de la Recherche (ANR, France), Agencia Nacional de Evaluación y Prospectiva (ANEP, Spain), Ministerio de Educación y Ciencia (MEC, Spain), Economic and Social Research Council (ESCR, United-Kingdom)

F.-Xavier Alario

Thesis defence committees

- 2009. Mélanie Jucla, Université de Toulouse (France)
 - Angèle Brunellière, Université de Genève (Switzerland)
 - Javier Rodríguez-Ferreiro, Universidad de Oviedo (Spain)
- 2008. Alice Foucart, Université de Provence (France)
- 2006. Delphine Fabre, Université de Lyon (France)
 - Mikel Santesteban Insausti, Universitat de Barcelona (Spain)
 - Goran Lazendic, University of New South Wales (Australia)
- 2005. Sandrine Perraudin, Université de Genève (Switzerland)

Supervision, current

- Post-doc** 2009-... Mauricio Mondragón, Aix-Marseille Université
- Ph.D** 2009-... Violaine Michel, Psychology, Université de Neuchâtel (co-dir. Marina Laganaro)
- Ph.D** 2008-... Jasmin Sadat Schaffai, Psychology, Universitat de Barcelona (co-dir. Albert Costa)
- Ph.D** 2007-... Pauline Ayora, Psychology, Aix-Marseille Université
- Ph.D** 2007-... Stéphanie Riès, Neuroscience, Aix-Marseille Université (co-dir. Boris Burle)

Supervision, past

- Post-doc** 2005-2008 Niels Janssen, now a post-doc at Universidad de La Laguna (Spain)

F.-Xavier Alario

Thesis

1. Alario, F.-X. (1999). *Aspects sémantiques et syntaxiques de l'accès au lexique lors de la production de parole* Ph.D thesis supervised by Dr. Juan Seguí. Ecole des Hautes Etudes en Sciences Sociales, Paris (France).

In Progress

1. Janssen, N., Schiller, N.O., & Alario, F.-X. (submitted). The selection of determiners and inflections during language production: Some clarifications.
2. Finocchiaro, C., Alario, F.-X., Schiller, N.O., Costa, A., Miozzo, M., & Caramazza, A. (submitted). Grammatical gender and the production of inflectional morphology: Where do we stand?
3. Peeva, M.G., Guenther, F.G., Tourville, J.A., Nieto-Castanon, A., Anton, J.-L., Nazarian, B. Alario, F.-X (submitted). Distinct representations of phonemes, syllables, and supra-syllabic sequences in the speech production network.

Articles

1. Alario, F.-X. & Moscoso del Prado Martín, F. (in press). On the origin of the cumulative semantic inhibition effect. *Memory & Cognition*
2. Trebuchon-Da Fonseca, A., Guedj, E., Alario, F.-X., Laguitton, V., Mundler, O., Chauvel, P., & Liegeois-Chauvel, C. (in press). Brain regions underlying word finding difficulties in temporal lobe epilepsy. *Brain*.
3. Alario, F.-X., Goslin, J., Michel, V., & Laganaro, M. (in press). The functional origin of foreign accent: Evidence from the syllable frequency effect in bilingual speakers *Psychological Science*.
4. Ayora, P., Janssen, N., Dell'Acqua, R., & Alario, F.-X. (in press). Attentional requirements for the selection of words from different grammatical categories. *Journal of Experimental Psychology: Learning, Memory & Cognition*.
5. Chainay, H., Alario, F.-X., Krainik, A., Duffau, H., Capelle, L., Volle, E., Cohen, L., & Lehericy, S. (2009). Motor and language deficits before and after surgical resection of the mesial frontal tumour. *Clinical Neurology and Neurosurgery*, 111, 39-46.
6. Alario, F.-X., Ayora, P., Costa, A. & Melinger, A. (2008). Grammatical and non-grammatical contributions to closed-class word selection. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 34, 960-981.
7. Janssen, N., Alario, F.-X., & Caramazza, A. (2008). A word-order constraint on phonological activation. *Psychological Science*, 19, 216-220.
8. Ziegler, J.C., Castel, C., Pech-Georgel, C., George, F., Alario, F.-X., & Perry, C. (2008). Developmental dyslexia and the dual route model of reading: Simulating individual differences and subtypes. *Cognition*, 107, 151-178.
9. Schiller, N.O., Ferreira, V.S. & Alario, F.-X. (2007). Words, pauses, and gestures: New directions in language production research. *Language and Cognitive Processes*, 22, 1145-1150.
10. Alario, F.-X., Perre, L., Castel, C., & Ziegler, J.C. (2007). The role of orthography in speech production revisited. *Cognition*, 102, 464-475.
11. Alario, F.-X., De Cara, B., & Ziegler, J.C. (2007). Automatic Activation of Phonology in Silent Reading is Parallel: Evidence from Beginning, Skilled Readers. *Journal of Experimental Child Psychology*, 97, 205-219.
12. Alario, F.-X., Chainay, H., Lehericy, S. & Cohen, L. (2006). The role of the supplementary motor area in word production. *Brain Research*, 1076, 129-143.

13. Alario, F.-X., Costa, A., Ferreira, V.S., & Pickering, M.J. (2006) Architectures, representations, processes of language production. *Language and Cognitive Processes*, 21, 777-789.
14. Golestani, N., Alario, F.-X., Meriaux, S., Le Bihan, D., Dehaene, S., & Pallier, C. (2006). Syntax production in bilinguals. *Neuropsychologia*, 44, 1029-40.
15. Laganaro, M., & Alario, F.-X. (2006). On the locus of the syllable frequency effect in language production. *Journal of Memory and Language*, 55, 178-196.
16. Navarrete, E., Basagni, B., Alario, F.-X., & Costa, A. (2006). Does word-frequency affect lexical selection in speech production? *Quarterly Journal of Experimental Psychology*, 59, 1681-1690.
17. Costa, A., Navarrete, E., & Alario, F.-X. (2006). Accessing object names when producing complex noun phrases: Implications for models of lexical access. *Cognitiva*, 18, 3-23.
18. Ziegler, J.C., Pech-Georgel, C., George, F., Alario, F.-X. & Lorenzi, C. (2005). Deficits in speech perception predict language learning impairment. *Proceedings of the National Academy of Sciences*, 102, 14110-14115.
19. Costa, A., Alario, F.-X., & Caramazza, A. (2005). On the categorical nature of the semantic interference effect in the picture-word interference paradigm. *Psychonomic Bulletin & Review*, 12, 125-131.
20. Alario, F.-X., Matos, R.E., & Segui, J. (2004). Gender congruency effects in picture naming *Acta Psychologica*, 117, 185-204.
21. Alario, F.-X. & Cohen, L. (2004). Closed-class words in sentence production: Evidence from a modality-specific dissociation. *Cognitive Neuropsychology*, 21, 787-819.
22. Alario, F.-X., Ferrand, L., Laganaro, M., New, B., Frauenfelder, U.H., & Segui, J. (2004). Predictors of picture naming speed. *Behavior Research Methods, Instruments & Computers*, 36, 140-155.
23. Alario, F.-X., Schiller, N.O., Domoto-Reilly, K., & Caramazza, A. (2003). The role of phonological and orthographic information in lexical selection. *Brain and Language*, 84, 372-398.
24. Alario, F.-X. & Caramazza, A. (2002). The production of determiners: evidence from French. *Cognition*, 82, 179-223.
25. Spinelli, E., & Alario, F.-X. (2002). Gender context effects on homophone words. *Language and Cognitive Processes*, 17, 457-469.
26. Alario, F.-X., Costa, A., & Caramazza, A. (2002). Frequency effects in noun phrase production: Implications for models of lexical access. *Language and Cognitive Processes*, 17, 299-319.
27. Alario, F.-X., Costa, A., & Caramazza, A. (2002). Hedging one's bets too much? A reply to Levelt (2002). *Language and Cognitive Processes*, 17, 673-682.
28. Alario, F.-X., Costa, A. (2001). The production of Noun Phrases and the Frequency effect. *MIT working papers in linguistics*, 40, 1-10.
29. Alario, F.-X., Segui, J., & Ferrand, L. (2000). Semantic and associative priming in picture naming. *Quarterly Journal of Experimental Psychology Section a-Human Experimental Psychology*, 53, 741-764.
30. Alario, F.-X., & Ferrand, L. (1999) A set of 400 pictures standardized for French: Norms for name agreement, image agreement, familiarity visual complexity, image variability, and age of acquisition. *Behavior Research Methods, Instruments & Computers*, 31, 531-552.

Articles en français

1. Alario, F.-X. (2001). Aspects sémantiques de l'accès au lexique au cours de la production de parole [Semantic aspects of lexical access during word production]. *Psychologie Française*, 46, 17-26.
2. Ferrand, L., & Alario, F.-X. (1998). Normes d'associations verbales pour 366 noms d'objets concrets [Word association norms for 366 names of objects]. *L'Année Psychologique*, 98, 659-709.

Chapters

1. Riès, S., Alario, F.-X., & Burle, B. (in press). Electro- et magnéto-encéphalographie de la parole [Electro- and magneto-encephalography of speech]. In A. Marchal and C. Cavé (Eds.), *Imagerie médicale pour l'étude de la parole*. Paris: Hermès Sciences Editions.
2. Costa, A., Alario, F.-X., & Sebastián-Gallés, N. (2007). Cross-linguistic research on language production. In G. Gaskell (Ed.), *Handbook of Psycholinguistics*. Oxford, UK: OUP.
3. Alario, F.-X. (2004). Aperçu des hypothèses computationnelles utilisées pour modéliser la production du langage [A brief survey of computational hypotheses used to model language production]. In L. Ferrand and J. Gainger (Eds.), *Psycholinguistique cognitive: Essais en l'honneur de Juan Seguí*, Bruxelles (Belgique): De Boeck
4. Caramazza, A., Miozzo, M., Costa, A., Schiller, N.O., & Alario, F.-X. (2001). A crosslinguistic investigation of determiner production. In Dupoux E. (Ed.), *Language, Brain, and Cognitive Development: Essays in Honor of Jacques Mehler*. Cambridge, MA: The MIT Press.