

Part A. PERSONAL INFORMATION

CV date

13/04/2021

First and Family name	Fabrice Parmentier		
Social Security, Passport, ID number	X8937930S	Age	47
Researcher codes	Open Researcher and Contributor ID (ORCID**)	0000-0001-7439-0097	
	SCOPUS Author ID (*)	7003421474	
	WoS Researcher ID (*)	B-4485-2011	

(*) *Optional*

(**) *Mandatory*

A.1. Current position

Name of University/Institution	University of the Balearic Islands (Universitat de les Illes Balears)		
Department	Psychology		
Address and Country	Ctra de Valldemossa, km 7,5 07122 Palma		
Phone number	971 259889	E-mail	fabrice.parmentier@uib.es
Current position	Full Professor (Catedrático)	From	05/10/2016
Key words	Distraction, Auditory attention, Oddball, Short-term memory		

A.2. Education

PhD, Licensed, Graduate	University	Year
License in Psychology and Educational Sciences	University of Liège, Belgium	1996
PhD in Psychology	Cardiff University, UK	2000
Postgraduate certificate in Learning and Teaching in Higher Education	University of Plymouth, UK	2002

A.3. General indicators of quality of scientific production

Number of accredited research period (*sexenios de investigación*): 3

PUBLICATIONS STATISTICS

	(Google Scholar)	(Scopus)	(13/04/2021)
h-index	33	24	
i-10 index	60	49	
Citations	3011	1718	

Total contributions 214

Publications	75	Articles	68	Q1	48%
Invited talks	22	Book chapter	5	Q2	36%
Conference talks	48	Technical reports	2	Q3	12%
Conference posters	69			Q4	0%
				No IF yet	4%

Number of research projects since PhD in 2000: 18

Total research funding: 2.5+ million EUR (40% as sole applicant or IP)

Origin of research funding: Spanish Ministry of Science and Innovation; Spanish Ministry of Science and Education; Swedish Research Council, Economic & Social Research Council (UK); Australian Research Council; Bial Foundation (Portugal).

Part B. CV SUMMARY (*max. 3500 characters, including spaces*)

In 1996 I completed a degree in Psychology at the University of Liège (Belgium) with the Highest Distinction Awarded (average mark > 90%), spending my last year as an exchange student (Erasmus program) at the School of Psychology, University of Cardiff (UK). I obtained a studentship from the Economic and Social Research Council (UK) to carry out my doctoral research at the University of Cardiff under the supervision of Prof. Dylan Jones, and was awarded my PhD in 2000. I remained at the School of Psychology for another year as Research Associate funded by a grant from the UK's Ministry of Defense. In 2001, I was hired by the University of Plymouth (UK) as a Lecturer before becoming Senior Lecturer and be promoted in 2005 to the position of Reader in Psychology (recognized as equivalent to "Catedrático" by ANECA). During that time, I obtained a Postgraduate Certificate in Learning and Teaching in Higher Education. In 2008, I was awarded a *Ramon y Cajal* Fellowship and moved to the University of the Balearic Islands where I set up the Cognitive Psychology Laboratory. I became interim lecturer ("Profesor Contratado Doctor interino") in October 2013, then senior lecturer ("Profesor Contratado Doctor") in 2015, and Full Professor ("Catedrático") in 2016.

I am a member of the University of the Balearic Islands' Neuropsychology and Cognition Group, the Research Institute for Health Sciences (iUNICS), and the Instituto de Investigación Sanitaria de Palma (IdISBa). I have been an Adjunct Senior Lecturer at the University of Western Australia since 2005 and a Visiting Professor at the University of Bournemouth (UK) since 2013, both honorary positions in recognition of my contribution to psychological research.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Selection or JCR publications since 2010 (in reversed chronological order)

- Ricci-Cabello, R., Yañez, A. M., Fiol de Roque, M. A., Leiva, A., Llobera Canaves, J., **Parmentier, F. B. R.**, & Valderas, J. M. (in press). Assessing the impact of multimorbidity and related constructs on patient reported safety in Primary Care: generalized structural equation modelling of observational data. *Journal of Clinical Medicine*. [IF=3.303, Q1, R=36/165, Medicine, General & Internal]
- Vasilev, M. R., **Parmentier, F. B. R.**, & Kirkby, J. A. (2021). Distraction by auditory novelty during reading: Evidence for disruption in saccade planning, but not saccade execution. *Article in press in Quarterly Journal of Experimental Psychology*, 74(5), 826-842. doi: 10.1177/1747021820982267 [IF:2.19, Q2]
- Parmentier, F. B. R.**, & Gallego, L. (2020). Is deviance distraction immune to the prior sequential learning of stimuli and responses? *Psychonomic Bulletin & Review*, 27, 490-497. [IF:3.704, Q1]
- Parmentier, F. B. R.**, Fraga, I., Ferré, P., & Leiva, A. (2020). Distraction by deviant sounds - Disgusting and neutral words capture attention to the same extent. *Psychological Research*, 84, 1801-1814. [IF:2.329, Q2]
- Parmentier, F. B. R.**, Vasilev, M. R., & Andrés, P. (2019). Surprise as an explanation to auditory novelty distraction and post-error slowing. *Journal of Experimental Psychology: General*, 148(1), 192-200. [IF:4.107, Q1]
- Vasilev, M. R., **Parmentier, F. B. R.**, Angele, B., & Kirkby, J. A. (2019). Distraction by deviant sounds during reading: An eye-movement study. *Quarterly Journal of Experimental Psychology*, 72(7), 1863-1875. [IF:2.19, Q2]
- Parmentier, F. B. R.**, Pacheco-Unguetti, A. P., & Valero, S. (2018). Food words distract the hungry: Evidence of involuntary semantic processing of task-irrelevant but biologically-relevant unexpected auditory words. *PLoS ONE* 13(1): e0190644. [IF=2.806, Q1, R=15/64, Multidisciplinary Sciences]
- Parmentier, F. B. R.**, Comesaña, M., & Soares, A. P. (2017). Disentangling the effects of word frequency and contextual diversity on serial recall performance. *The Quarterly Journal of Experimental Psychology*, 70(1), 1-17. [IF:2.19, Q2]
- Leiva, A., Andrés, P., Servera, M., Verbruggen, F., & **Parmentier, F. B. R.** (2016). The role of age, working memory and response inhibition in deviance distraction: a cross-sectional study. *Developmental Psychology*, 52(9), 1381-1393. [IF:3.116, Q1]

- Parmentier, F. B. R.** (2016). Deviant sounds yield distraction irrespective of the sounds' informational value. *Journal of Experimental Psychology: Human Perception and Performance*, 42(6), 837-846. [IF:2.425, Q2]
- Pacheco-Unguetti, A. P., & **Parmentier, F. B. R.** (2016). Happiness increases distraction by auditory deviant stimuli. *British Journal of Psychology*, 107(3), 419-433. [IF:2.13, Q2]
- Leiva, A., Andrés, P., & **Parmentier, F. B. R.** (2015). When aging does not increase distraction: Evidence from pure auditory and visual oddball tasks. *Journal of Experimental Psychology: Human Perception and Performance*, 41(6), 1612-1622. [IF:2.425, Q2]
- Leiva, A., **Parmentier, F. B. R.**, Elchlepp, H., & Verbruggen, F. (2015). Reorienting the mind: The impact of novel sounds on Go/No-Go performance. *Journal of Experimental Psychology: Human Perception and Performance*, 41(5), 1197-1202. [IF:2.425, Q2]
- Parmentier, F. B. R.**, & Kefauver, M. (2015). The semantic aftermath of distraction by deviant sounds: Crosstalk interference is mediated by the predictability of semantic congruency. *Brain Research*, 1626, 247-257 [IF:2.561, Q3]
- Parmentier, F. B. R.**, & Beaman, C. P. (2015). Contrasting Effects of Changing Rhythm and Content on Auditory Distraction in Immediate Memory. *Canadian Journal of Experimental Psychology*, 69, 28-38. [IF:1.453, Q3]
- Elsley, J. V., & **Parmentier, F. B. R.** (2015). The asymmetry and temporal dynamics of incidental letter-location bindings in working memory. *The Quarterly Journal of Experimental Psychology*, 68(3), 433-441. [IF:2.13, Q2]
- Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2015). Aging increases distraction by auditory oddballs in visual, but not auditory tasks. *Psychological Research*, 79(3), 401-410. [IF:2.681, Q2]
- Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2015). Distraction by deviance: Comparing the effects of auditory and visual deviant stimuli on auditory and visual target processing. *Experimental Psychology*, 62(1), 2015, 54-65. [IF:2, Q2]
- Pacheco-Unguetti, A. P., & **Parmentier, F. B. R.** (2014). Sadness increases distraction by auditory deviant stimuli. *Emotion*, 14, 203-213. [IF:3.383, Q1]
- Parmentier, F. B. R.**, Turner, J., & Perez, L. (2014). A dual contribution to the involuntary semantic processing of unexpected spoken words. *Journal of Experimental Psychology: General*, 143, 38-45. [IF:5.929, Q1]
- Parmentier, F. B. R.** (2014). The cognitive determinants of behavioral distraction by deviant auditory stimuli: A review. *Psychological Research*, 78(3), 321-338. [IF:2.863, Q2]
- Li, Parmentier, & Zhang (2013, 29 April). Behavioral distraction by auditory deviance is mediated by the sound's informational value: Evidence from an auditory discrimination task. *Experimental Psychology*, 60, 260-268. [IF:1.95, Q2]
- Parmentier, F. B. R.**, & Hebrero, M. (2013). Cognitive control of involuntary distraction by deviant sound. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 39, 1635-1641. [IF:3.098, Q1]
- Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). Cross-modal distraction by deviance: Functional similarities between the auditory and tactile modalities. *Experimental Psychology*, 59, 355-363. [IF:1.921, Q2]
- Ljungberg, J. K., **Parmentier, F. B. R.**, Leiva, A., & Vega, N. (2012). The informational constraints of behavioral distraction by unexpected sounds: The role of event information. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 38, 1461-1468. [IF:2.918, Q1]
- Tremblay, S., **Parmentier, F. B. R.**, Hodgetts, H. M., Hughes, R. W., & Jones, D. M. (2012). Disruption of verbal-spatial serial memory by extraneous air-traffic speech. *Journal of Applied Research in Memory & Cognition*, 1, 73-79. [IF:2.063, Q2]
- Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). The impact of intonation and valence on objective and subjective attention capture by auditory alarms. *Human Factors*, 54, 826-837. [IF:1.182, Q3]
- Parmentier, F. B. R.**, Ljungberg, J. K., Elsley, J. V., & Lindkvist, M. (2011). A behavioral Study of Distraction by Vibrotactile Novelty. *Journal of Experimental Psychology: Human Perception and Performance*, 37, 1134-1139. [IF:3.061, Q1]

- Parmentier, F. B. R.**, Elsley, J. V., Andrés, P., & Barceló, F. (2011). Why are auditory novels distracting? Contrasting the roles of novelty, violation of expectation and stimulus change. *Cognition*, 119, 374–380. [IF:3.162, Q1]
- Parmentier, F. B. R.**, Turner, J., & Elsley, J. V. (2011). Distraction by auditory novelty: The course and aftermath of novelty and semantic effects. *Experimental Psychology*, 58, 92–101. [IF:2.222, Q2]
- Parmentier, F. B. R.**, Elsley, J. V., & Ljungberg, J. K. (2010). Behavioral distraction by auditory novelty is not only about novelty: the role of the distracter's informational value. *Cognition*, 115, 504–511. [IF:3.708, Q1]
- Parmentier, F. B. R.**, Maybery, M. T., & Elsley, J. V. (2010). The involuntary capture of attention by novel feature pairings: A study of voice-location integration in auditory sensory memory. *Attention, Perception & Psychophysics*, 72, 279–284. [IF:2.216, Q2]
- Parmentier, F. B. R.**, & Andrés, P. (2010). The involuntary capture of attention by sound: Novelty and post-novelty distraction in young and older adults. *Experimental Psychology*, 57, 68–76. [IF:2.147, Q2]

C.2. Research projects from 2010

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| 2015-2018 | Research grant from the Spanish Ministry of Economy and Competitiveness. Toward a more integrative understanding of distraction by unexpected sounds (PSI2014-54261-P) (181500 EUR) (IP) |
| 2015-2017 | Research grant from the Bial Foundation, with García-Toro, M., Andrés, P., García-Campayo, J., & Gili, M.. A study of the relationship between mindfulness, distraction and brain stimulation. (47500 EUR) (IP) |
| 2014-2016 | Grant from the Government of the Balearic Islands for the employment of Dr Antonia Pilar Pacheco-Unguetti as post-doctoral fellow (competitive scheme). 75000 EUR (Ref PD/018/2013). |
| 2012-2016 | Research grant from the Swedish Research Council (Vetenskapsrådet) with Ljungberg, J. K., Jones, D. M., & Neely, G. An empirical investigation of distraction by vibratory and auditory signals. (3352000 SEK = 370596 EUR) |
| 2012-2016 | Research grant from the Swedish Council for Working Life and Social Research (Forskningsrådet för arbetsliv och socialvetenskap) with Ljungberg, J. K., Jones, D. M., Neely, G., & Agren, A. Warning! Investigating what auditory alarms affect attention and performance in complex settings. (4418000 SEK = 488453 EUR) |

C.3. Selection of other evidence of esteem

- Member of the Editorial Board of *Experimental Psychology* (2011-)
- Expert reviewer for 29 international scientific journals
- Examiner for the British Psychological Society's Examination Board (2004-2012).
- Director of the MSc in Psychological Research Methods at the University of Plymouth, UK (2006-2008)
- Evaluator for the Economic & Social Research Council (UK), the Biotechnology and Biological Sciences Research Council (UK), the Australian Research Council (ARC), and Canada's Social Sciences and Humanities Research Council, and the European Commission (ERC, Marie-Curie Fellowships).
- Evaluator for the Spanish Agencia Nacional de Evaluación y prospectiva (ANEP). 2009-present
- Member of Spanish Ministry of Science and Innovation's Evaluation Commission (2010 & 2019)
- Committee Member of the British Psychological Society's Cognitive Section (2005-2008).
- Full Member of the British Psychological Association (2000-2008).
- Full member of the American Psychological Association (2000-2018).
- Full Member of the Psychonomic Society (2000-present).
- External examiner of 5 PhD theses across UK, Canada, Australia, and Spain.