

Guillaume Thierry

Personal data

Office Address:	School of Psychology University of Wales LL57 2AS BANGOR United Kingdom	E-mail:	g.thierry@bangor.ac.uk
		Date of Birth:	15 January 1970
		Citizenship:	French
		Marital Status:	Married, two children
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Education

- 2000 Ph.D., Neuropsychology (Summa Cum Laude), Toulouse, France (supervisor J-F Démonet).
Title: Exploration of cerebral correlates of auditory language processes at phonological and lexical semantic levels using multimodal functional imaging (PET, ERPs, fMRI).
- 1995 M.Sc., Neuropsychology, Lyon, France. (director M. Jeannerod). 1st class honours.
- 1994 External Agrégation in Life and Earth Sciences, Option: Cellular Biology, France.
- 1993 M.Sc. degree, Physiology, Option: Neuroscience, Lyon, France. 1st class honours.
- 1992 B.Sc., Biology of Organisms and Populations, Lyon, France. With distinction.
- 1991 Ecole Normale Supérieure de Lyon, France.

Appointments

- 2008 – present Professor of Cognitive Neuroscience | Bangor University
- 2010 – 2011 Director of Innovation | Pontio Project | Bangor University
- 2005 – 2008 Senior Lecturer in Cognitive Neuroscience | Bangor University
- 2000 – 2005 Lecturer in Cognitive Neuroscience | Bangor University
- 1997 – 2000 Teaching Assistant | Methodology in Neuropsychology | Toulouse, France
- 1995 – 1997 High School Teacher in Life and Earth Sciences | Brussels, Belgium

Other Professional Activities

- Jan 2014 – present Deputy Head of College for Research | College of Health and Behavioural Sciences | Bangor University | Bangor, UK
- June 2013 – present Advisory board member | Centre for Literacy and Multilingualism | Reading, UK
- June 2012 – present Director of Guiobusmindteasers Ltd., Menai Bridge, UK
- Jan 2008 – April 2010 Deputy Head of School for Teaching, Learning and Professional Development School of Psychology | Bangor University, UK
- June 2007 – Sept 2008 Chair of the Third Mission Group | Wales Institute of Cognitive Neuroscience Bangor University, UK

Jan 2007 – June 2012 Head of the neuroscience research group and Publicity Officer | ESRC centre for research on bilingualism in theory and practice | Bangor University, UK

Awards and Academic Recognition

Sept 2012 – present Midcareer Fellowship from the British Academy | UK

July 2012 Teaching Fellowship of Bangor University in recognition of excellent teaching practice | Bangor University | Bangor, UK.

Dec 2012 Visiting scholar at Keio University and Tamagawa University | Tokyo, Japan

Mar 2011 Visiting scholar at Keio University and Tamagawa University | Tokyo, Japan

Dec 2010 Visiting scholar at Penn State University | Pennsylvania, USA

June 2010 Visiting scholar and lecturer | Nijmegen, Netherlands

Jan 2009 Visiting scholar at WITZ University & University of Cape town | South-Africa

Feb 2008 Visiting scholar at Keio University and Tamagawa University | Tokyo, Japan

April 2007 Visiting Scholar at James Madison University | Harrisonburg, USA.

May 2004 & 2005 Visiting Fellow at the Max Plank Institute | Leipzig, Germany.

Mar 2004 Brain Awareness Week Award, Biotechnology and Biological Sciences Research Council for the public lecture 'Braintrix: Perceiving the world through our neurofilter'.

External Research grants As sole PI: £1.1 million | As co-PI: £5.5 million

- Wu, YJ and Thierry, G. Neuroscientific investigation of speech production in bilinguals. Small research grant from the British Academy (£8,037).
- Dorjee, D and Thierry, G. Mindfulness training in primary schools: Pilot neurocognitive evaluation. Small research grant from the British Academy (£8,504).
- Thierry, G. Tranlanguaging: The quest for the bilingual advantage. Midcareer Fellowship of the British Academy. 2012-2013 (£143,000).
- Deuchar, M. and Thierry, G. One brain, two languages: bridging neuroscience and linguistics. Art and Humanities Research Council, research networks and workshops scheme. 2008-2011 (£25,000).
- Thierry, G. Neurosemantics: The human brain as a meaning Processor. Starting Independent Researcher Grant, European Research Council, 2008-2013, £840,000 (€962,000).
- Deuchar, M., Gathercole, V., Baker, C., & Thierry, G. Economic and Social Research Council (ES/E024556/1). ESRC Centre for research on bilingualism in theory and practice, 2007-2011, £ 5.2 million.
- Thierry, G. Biotechnology and Biological Sciences Research Council (5/S18007). Interaction of semantic and emotional representations in the processing of meaningful auditory stimuli, 2003 – 2006, £133,324.
- Vihman, M., Thierry, G. & Nakai, S (co-PIs). Economic and Social Research Council. (RES-000-23-0095). Form and meaning in infant word recognition: Behavioural and electrophysiological studies of attention to speech, 2003 – 2006, £324,526.

Journal articles H-index 17 | Citations 1038 | 75 peer reviewed papers | 1 edited book | 9 book chapters

1. Martin CD, Thierry G, Kuipers, JR, Boutonnet B, Foucart A, Costa, A. (in press) Bilinguals reading in their second language do not predict upcoming words as native readers do. *J Mem Lang*.
2. Wu YJ, Cristino F, Leek, C, Thierry G. (2013) Non-selective Lexical Access in Bilinguals Is Spontaneous and Independent Of Input Monitoring: Evidence from Eye-tracking. *Cognition*.
3. Wu YJ, Thierry G. (2013) Fast modulation of executive function by language context in bilinguals. *J Neurosci*.
4. Kuipers JR, van Koningsbruggen M, Thierry G. (2013). Semantic priming in the motor cortex: evidence from combined rTMS and ERP. *Neuroreport*.
5. Boutonnet B, Dering B, Viñas-Guash N, Thierry G. (2013) Seeing objects through the language glass. *J Cog Neurosci*.
6. Kuipers JR, Thierry G. (2013) ERP-pupil size correlations reveal how bilingualism enhances cognitive flexibility. *Cortex*.
7. Grossi G, Savill N, Thomas E, Thierry G. (2013) Electrophysiological cross-language neighborhood density effects in late and early English-Welsh bilinguals. *Frontiers in Language Sciences*.
8. Lallier M, Thierry G, Tainturier MJ. (2013) On the importance of considering individual profiles when investigating the role of auditory sequential deficits in developmental dyslexia. *Cognition*. 126, 121-127.
9. Lallier M, Carreiras M, Tainturier MJ, Savill N, Thierry G. (2013) Orthographic transparency modulates the grain size of orthographic processing: behavioral and ERP evidence from bilingualism. *Brain Res*. 1505:47-60.
10. Thierry G, Sanoudaki E (2013) Language non-selective syntactic activation in early fluent bilinguals [French]. *Revue Française de Linguistique Appliquée*.
11. Keidel J, Davis P, Gonzalez-Diaz V, Martin CD, Thierry G. (2013) How Shakespeare tempests the brain: Neuroimaging insights. *Cortex*.
12. Boutonnet B, Athanasopoulos P, Thierry G. (2012) Unconscious effects of grammatical gender during object categorisation. *Brain Research*. 1479. 72-79.
13. Wu YJ, Thierry G. (2012) How reading in a second language protects your heart. *J Neurosci*. 32: 6485-6489.
14. Savill NJ, Thierry G. (2012) Decoding ability makes waves in reading: Deficient interactions between attention and phonological analysis in developmental dyslexia. *Neuropsychologia*. 50:1553-64.
15. Hoshino N, Thierry G. (2012) Do Spanish-English bilinguals have their fingers in two pies—or is it their toes? An electrophysiological investigation of semantic access in bilinguals. *Front Psychol*. 3:9.
16. Wu, YJ, Thierry G. (2012) Unconscious translation during incidental foreign language processing. *Neuroimage*. 59: 3468-73.
17. Martin CD, Costa A, Dering B, Hoshino N, Wu YJ, Thierry G. (2012). Effects of speed of word processing on semantic access: The case of bilingualism. *Brain and language*. 120:61-5.
18. Kuipers JR, Thierry G. (2012) Event-related potential correlates of language change detection in bilingual toddlers. *Developmental Cognitive Neuroscience*. 2:97-102.
19. Dering B, Martin CD, Moro S, Pegna A, Thierry G. (2011) Face-sensitive processes one hundred milliseconds after picture onset. *Front Hum Neurosci*. 5: 93.
20. Kuipers JR, Thierry G. (2011) N400 amplitude reduction correlates with an increase in pupil size. *Front Hum Neurosci*. 5: 61.
21. Savill NJ, Thierry G. (2011) Electrophysiological evidence for impaired attentional engagement with phonologically acceptable misspellings in developmental dyslexia. *Front Psychol*. 2:139.
22. Wu YJ, Thierry G. (2011) Event-related brain potential investigation of preparation for speech production in late bilinguals. *Front Psychol*. 2: 114.
23. Wu Y J, Athanassiou S, Dorjee D, Roberts R, and Thierry G. (2011) Brain potentials dissociate emotional and conceptual cross-modal priming of environmental sounds. *Cerebral Cortex*. 22:577-83.

24. Boehm S, Dering B, Thierry G. (2011). Category-sensitivity in the N170 range: A question of topography and inversion, not one of amplitude. *Neuropsychologia*. 49: 2082-9.
25. Savill N and Thierry G. (2011) Reading for sound with dyslexia: Evidence for early orthographic and late phonological integration déficits. *Brain Research*. 1385:192-205.
26. Savill N, Lindell A, Booth A, West G, and Thierry G. (2011) Literate humans sound out words during silent reading. *Neuroreport*. 22:116-20.
27. Hoshino N and Thierry G. (2011) Language selection in bilingual word production: Electrophysiological evidence for cross-language competition. *Brain Research*. 1371:100-9.
28. Garrad-Cole F, Shapiro KL, Thierry G. (2011) Developmental Aspects of Temporal and Spatial Visual Attention: Insights from the Attentional Blink and Visual Search Tasks. *Child Neuropsychology*. 17:118-37.
29. Wu, YJ & Thierry G. (2010) Investigating bilingual processing: the neglected role of language processing contexts. *Frontiers in Language Sciences*. 1:178.
30. Lallier M, Tainturier MJ, Dering B, Donnadieu S, Valdois S, Thierry G. (2010) Behavioral and ERP evidence for amodal sluggish attentional shifting in developmental dyslexia. *Neuropsychologia*. 48:4125-35.
31. Dorjee D, Devenney L, Thierry G. (2010) Written words supersede pictures in priming semantic access: a P300 study. *Neuroreport*. 21:887-91.
32. Athanasopoulos P, Dering B, Wiggett A, Kuipers JR, Thierry G. (2010) Perceptual shift in bilingualism: brain potentials reveal plasticity in pre-attentive colour perception. *Cognition*. 116:437-43.
33. Taylor JC, Roberts MV, Downing PE, Thierry G. (2010) Functional characterisation of the extrastriate body area based on the N1 ERP component. *Brain and Cognition*. 73:153-9.
34. Grossi G, Savill N, Thomas E, Thierry G. (2010) Posterior N1 asymmetry to English and Welsh words in Early and Late English-Welsh bilinguals. *Biological Psychology*. 85:124-33.
35. Wu YJ, Thierry G. (2010) Chinese-English bilinguals reading English hear Chinese. *Journal of Neuroscience*. 30:7646-51.
36. Martin CD, Thierry G, Démonet JF. (2010) ERP characterization of sustained attention effects in visual lexical categorization. *PLoS One*. 5:e9892.
37. Kuipers JR, Thierry G. (2010) Event-related brain potentials reveal the time-course of language change detection in early bilinguals. *Neuroimage*. 50:1633-8.
38. Strijkers, K., Costa, A., Thierry, G. (2010). Tracking lexical access in speech production: Electrophysiological correlates of word frequency and cognate effects. *Cerebral Cortex*. 20:912-28.
39. Costa, A., Strijkers, K., Martin, C. D., Thierry G. (2009) The time-course of word retrieval revealed by event-related brain potentials during overt speech. *Proceedings of the National Academy of Sciences USA*. 106:21442-6.
40. Lallier, M.; Thierry, G.; Tainturier, M. J.; Donnadieu, S; Peyrin, C.; Billard, C.; Valdois, S. (2009) Auditory and visual stream segregation in children and adults: An assessment of the amodality assumption of the 'sluggish attentional shifting' theory of dyslexia. *Brain Research*. 302:132-47.
41. Athanasopoulos, P., Wiggett, A., Dering, B., Kuipers, J. R., Thierry, G. (2009). The Whorfian mind: Electrophysiological evidence that language shapes perception. *Communicative & Integrative Biology*. 2, 1-3.
42. Dering, B, Martin, M. D., Thierry, G. (2009). Is the N170 peak of visual event-related potentials car-selective? *Neuroreport*. 20, 902-6.

43. Martin, C.D, Dering, B., Thomas, E. M., Thierry, G. (2009). Brain potentials reveal semantic priming in both the 'active' and the 'non-attended' language of early bilinguals. *Neuroimage*. 47, 326-33.
44. Thierry, G., Athanasopoulos, P., Wiggett, A., Dering, B. Kuipers JR (2009). Unconscious effects of language-specific terminology on pre-attentive color perception. *Proceedings of the National Academy of Sciences USA*. 106, 4567-4570.
45. Martin, C. D. & Thierry, G. (2008) Interplay of orthography and semantics in reading: an event-related potential study. *Neuroreport*.19:1501-5.
46. Thierry, G., Kotz, S. (2008). The right hemisphere fails to orient to the negative valence of visually presented words. *Neuroreport* 19:1231-4.
47. Thierry G., Martin C., Gonzalez-Diaz V., Rezzaie R., Roberts N., Davis P.M. (2008). Event-related potential characterisation of the Shakespearean functional shift in narrative sentence structure. *Neuroimage* 40:923-31.
48. Martin, C., Thierry G., Démonet, J.F., Roberts, M.V., Nazir, T. (2007) ERP evidence for the split fovea theory, *Cognitive Brain Research*. 1185:212-20.
49. Thierry, G. & Wu, Y. J. (2007) Brain potentials reveal unconscious translation during foreign language comprehension, *Proceedings of the National Academy of Sciences, USA*, 104:12530-5.
50. Thierry, G., Martin, C., Downing, P. & Pegna, A. (2007b) Is the N170 sensitive to the human face or several intertwined perceptual and conceptual factors? *Nature Neuroscience*. 10: 802-3.
51. Vihman, M. M., Thierry, G. Lum, J., Keren-Portnoy, T. & Martin. P. (2007) Onset of word form recognition in English, Welsh and English-Welsh bilingual infants, *Applied Psycholinguistics*. 28:475-93.
52. Thierry, G., Martin, C., Downing, P. & Pegna, A. (2007a) Controlling for interstimulus perceptual variance abolishes N170 face selectivity. *Nature Neuroscience*. 10: 505-11.
53. Thierry, G. & Roberts, M. V. (2007). Event-related potential study of attention capture by affective sounds. *Neuroreport*. 18: 245-8.
54. Leek, E. C., Atherton, C. J., Thierry, G. (2007) Computational mechanisms of object constancy for visual recognition revealed by event-related potentials. *Vision Research* 47:706-13.
55. Miles, T. R., Thierry, G., Roberts, J. & Schiffeldrin, J. (2006) Verbatim and gist recall of sentences by dyslexic and non-dyslexic adults. *Dyslexia*. 12: 177-194.
56. Thierry G., Pegna A. J., Dodds C., Roberts M., Basan S., & Downing P. (2006). An event-related potential component sensitive to images of the human body. *Neuroimage* 32: 871-9.
57. Martin C., Nazir, T., Thierry G., Paulignan, Y. & Démonet, J-F. (2006). Perceptual and lexical effects in letter identification: An Event-Related Potential study of the word superiority effect. *Cognitive Brain Research*. 1098: 153-60.
58. Thierry G. & Price C. (2006) Dissociating verbal and nonverbal conceptual processing in the human brain. *Journal of Cognitive Neuroscience*. 18: 1018-28.
59. Price C., Thierry G. & Griffiths T. (2005) Auditory Processing Specific to Speech: Where is it? *Trends in Cognitive Science*. 9: 271-6.
60. Fosker T. & Thierry G. (2005) Phonological oddballs in the focus of attention elicit a normal P3b in dyslexic adults. *Brain Research Cognitive Brain Research*. 24: 467-75.
61. Tainturier M.J., Tamminen, J. & Thierry G. (2005) Age of acquisition modulates the amplitude of the P300 component in spoken word recognition. *Neuroscience Letters*. 379: 17-22.
62. Thierry, G. (2005). Review of *Dyslexia: Different Brain, Different Behaviour* (Edited by Valéria Csépe. Kluwer Academic/Plenum Publishers). *Journal of Child Language*.

63. Thierry G. (2005). The use of event-related potentials in the study of early cognitive development. *Infant Child Development*. 14: 85-94.
64. Démonet J.F., Thierry G. & Cardebat D (2005). The renewal of the neurophysiology of language: Functional neuroimaging. *Physiological Reviews*. 85: 49-95.
65. Thierry G. & Wu, Y. J (2004). Electrophysiological Evidence for Language Interference in Late Bilinguals. *Neuroreport*. 15: 1555-1558.
66. Fosker T. & Thierry G. (2004). P300 investigation of phoneme change detection in dyslexic adults. *Neuroscience letters*. 357:171-174.
67. Baghurst T., Thierry G. & Holder T. (2004). Evidence for a Relationship between Attentional Styles and Effective Cognitive Strategies during Performance. *Athletic Insight*, 6.
68. Thierry G., Vihman M. & Roberts M. (2003). Familiar words capture the attention of 11-month-olds in less than 250 ms. *Neuroreport*. 14:2307-2310.
69. Thierry G., Cardebat D. & Démonet J-F. (2003) Electrophysiological comparison of grammatical processing and semantic processing of single spoken nouns. *Brain Research Cognitive Brain Research* 17:535-547.
70. Thierry G., Giraud A-L. & Price C. (2003) Hemispheric dissociation in access to the human semantic system. *Neuron*, 38: 499-506.
71. Thierry G., Ibarrola D., Cardebat D. & Démonet J. F. (2003) Working memory involvement delays haemodynamic responses in the inferior prefrontal cortex. *Human Brain Mapping* 19: 37-46.
72. Démonet J. F. & Thierry G. (2001). Language and brain: What is up? What is coming up? *Journal of Clinical Experimental Neuropsychology*. 23: 49-73.
73. Thierry G. & Démonet J.F (2000) La mémoire: Apports de l'imagerie fonctionnelle. *Therapy*. 55: 467-476.
74. Thierry G., Boulanouar K., Kherif F., Ranjeva J. P. & Démonet J. F. (1999) Sequential involvement of neural components in phonological processing. *Neuroreport*. 10:2599-2603.
75. Thierry G., Doyon B. & Démonet J.F. (1998) ERP mapping in phonological and lexical semantic monitoring tasks: a study complementing previous PET results. *NeuroImage*. 8:391-408.

Edited Book

Friederici A. D. and Thierry, G. (2008) Early Language Development: Bridging Brain and Behaviour. Series "Trends in Language Acquisition Research" (TiLAR), Volume 5. Amsterdam/The Netherlands: John Benjamins.

Book chapters

1. Dering B, Hoshino N, Thierry G. (2012) N170 Modulation Is Expertise-Driven: Evidence from Word-Inversion Effects in Speakers of Different Languages. CARLS proceedings (Future trends in the biology of language). Keio University Press.
2. Sanoudaki, E., and Thierry, G. (2012) Bigrammatism: when the bilingual mind juggles with two grammars at the same time. To appear in Enlli Môn Thomas and Ineke Mennen (eds.), Unravelling Bilingualism: A cross-disciplinary perspective. Multilingual Matters.
3. Hoshino, N., and Thierry, G. (2012) Language Selection during Speech Production in Bilingual Speakers: Psycholinguistic and Neuroscientific Insights. To appear in Enlli Môn Thomas and Ineke Mennen (eds.), Unravelling Bilingualism: A cross-disciplinary perspective. Multilingual Matters.

4. Thierry G. and Friederici A. D. (2008). Introduction to Early Language Development: Bridging Brain and Behaviour. In: A. D. Friederici and G. Thierry (Eds). *Early Language Development: Bridging Brain and Behaviour*. Series "Trends in Language Acquisition Research" (TiLAR), Volume 5. Amsterdam/The Netherlands: John Benjamins.
5. Thierry G. and Vihman M. M. (2008). The onset of word form recognition: A behavioural and neurophysiological study. In: A. D. Friederici and G. Thierry (Eds). *Early Language Development: Bridging Brain and Behaviour*. Series "Trends in Language Acquisition Research" (TiLAR), Volume 5. Amsterdam/The Netherlands: John Benjamins.
6. Thierry G. (2008). Neurophysiologic Examination Methods: Electrophysiology and functional neuroimaging. In *Cognitive Neurology: A clinical textbook*. Oxford University Press.
7. Vihman M., Lum J., Thierry G., Nakai S. & Keren-Portnoi T. (2006) Cross-linguistic experiments in infant word form recognition. In *Childhood Bilingualism*. P. McCordle & E. Hoff (Eds.) Clevedon: Multilingual Matters.
8. Démonet J. F., Thierry G. and J. L. Nespoulous (2001). Towards imaging the neural correlates of language functions. In *Phonetics, Phonology, and Cognition*. J. Durand and B. Lacks, Eds. Oxford University Press: Oxford, UK.
9. Démonet J. F. and Thierry G. (2001). Language and brain: What is up? What is coming up? In *Functional Neuroimaging and Neuropsychology*, D. Silbersweig and E. Stern, Eds. Swets & Zeitlinger: The Netherlands.

Invited Keynotes, Public lectures, and Invited Symposia at Conferences

1. Thierry G and Wu YJ (November 2013). Keynote presentation at the second international conference on psycholinguistics in China, Fuzhou, China, On invitation from Profs Rongbao Li and Yanping Dong.
2. Thierry G (November 2013) A bilingual context boosts executive function in bilinguals. Invited symposium at Psychonomics, Toronto, Canada. On invitation from Profs Helen Bialystok and Judy Kroll.
3. Thierry G. (July 2013) When does a visual object become a human face in the brain? Invited contribution to a symposium on object and face processing, Experimental Psychology Society meeting, Bangor, UK. Sponsored by Prof. Charles Leek.
4. Thierry G. (June 2013) Imagine pink... Now make it Pinker. Does language affect colour perception? Keynote lecture at the Colour Language and Colour Categorization Conference (CLCC), Institute of the Estonian Language, Tallinn, Estonia. Invited by Dr Mari Uusküla.
5. Thierry G. Coexistence of two languages in the same brain: Does this mean mental war? Keynote presentation at Strathclyde university, Glasgow, UK. Invited by Dr M. Carmen Parafita-Couto.
6. Thierry, G. (September 2012). Bilingualism or bicognition? How knowing two languages affects our conception of objects and their properties. Presentation at the ESF workshop on thinking, speaking and gesturing in two languages. Reading 12-15 September 2012. Organised by Dr. Panos Athanasopoulos and Prof. Jeanine Treffers-Daller.
7. Thierry, G. (September 2012). An electrifying approach to language and bilingualism: event-related potentials. Invited keynote presented at the 22nd European Second Language Acquisition (EuroSLA) conference. Poznan. 5-8 September 2012. Hosted by Dr. Anna Ewert.
8. Thierry, G. (June 2012). Co-existence of Welsh and English in the same brain: Does this mean mental war? Invited keynote presented at the 7th Celtic Languages Conference (CLC). Rennes. Hosted by Dr. Pauline Welby.
9. Thierry, G (May 2011). The Shakespearied Brain Act Two. Invited presentation and "The Reader" conference, Liverpool. Hosted by Dr Jane Davis and Prof. Phil Davis.
10. Thierry, G (March 2011). Neurobilingualism: Electrifying insights into interactions between languages in the bilingual mind. Invited keynote presentation at Keio Global COE International Symposium, Keio University, Tokyo, Japan.

11. Thierry, G (June 2010) Schultinck public lecture at the University of Nijmegen "Perception shapes language and language shapes perception: Brain waves reveal effects of native language on colour perception".
12. Thierry, G. (October 2010). When false beliefs become facts and when facts should become false beliefs. Invited keynote at the BPS welshbranch conference, Bangor, UK. Organiser: DrTracey Lloyd.
13. Thierry, G. (November 2009). Handling two languages: Trying to understand the most complex process implemented in the human mind. Invited introduction of the Cognitive Neuroscience of Bilingualism session at the first Sino-Dutch-English Frontier of Science meeting in Beijing, China.
14. Thierry, G. and Wu, Y. J. (September 2008) Unconscious access to Chinese translation equivalents in Chinese-English bilinguals. Invited Keynote at the Workshop on Bilingualism, Ghent, The Netherlands.
15. Thierry, G. (October 2008) Lexical and semantic access in the bilingual mind. Invited keynote presentation at the International Conference on Models of Interactions in Bilinguals, Bangor, UK.
16. Thierry, G. (April 2008) Some face scientists cannot face a doubtful face: Anatomy of a controversy, Keynote at the BPS student conference, Bangor, UK.
17. Thierry G. and Vihman, M. M. (2007) The onset of word recognition and comprehension in English and Welsh Infants. Invited Symposium at the BPS Developmental Branch conference, Plymouth, UK.
18. Thierry, G. (2002) Functional imaging of semantic memory. Invited presentation at the "Journées de neurologie de langue française", Tours, France.
19. Thierry G., Boulanouar K., Kherif F., Ranjeva J. P. and Démonet J. F. (1999). Is Event-Related fMRI the Key to the Temporality of Linguistic Brain Activations? Symposium at the SPR conference, Granada, Spain.

Public lectures and general audience presentations

1. Thierry G. (September 2013) Invited debate on linguistic relativity, face-to-face with Prof Geoff Pulum, Edinburgh University. Organised by the Frisian University of Leeuwarden, The Netherlands. The debate was filmed by the Frisian television and broadcasted.
2. Thierry, G (April 2011). Bottom-up research and ERC. How to balance curiosity and top-down activities. Invited presentation at the ERRIN conference in Brussels, Belgium.
3. Thierry, G. (January 2010). A window into the workings of the active mind: The example of bilingualism. Public lecture invited by Dr Kate Cockcroft, Wits University in Johannesburg, South-Africa.
4. Thierry, G. (October 2010). A window into the workings of the active mind: The example of bilingualism. Public Lecture opening the series organised by the ESRC Centre for Research on Bilingualism in Theory and Practice, Bangor, UK. Organiser: Prof. Margaret Deuchar.

91 Conference Talks and Invited Seminars between Sept 2000 and Nov 2013

(Conference posters not recorded).

Media appearances and interviews

5 Radio interviews with Good Morning Wales

2 TV interviews with BBC (Why Reading Matters | BBC 4) and S4C (Bilingualism research with ERPs).

Editorial and reviewing activities

Associate Editor for Frontiers in Language Sciences

Section Editor for Neuroreport

Brain and Behavioural Sciences associate

Ad hoc reviewer for the following peer-reviewed journals:

Science, Proceedings of the National Academy of Science USA, Neuron, Journal of Neuroscience, Cerebral Cortex Journal of Cognitive Neuroscience, Neuroimage, Human Brain Mapping, Neuroreport, Cognitive Brain Research, Language Learning, European Journal of Neuroscience, Journal of Clinical and Experimental Neuropsychology, Journal of Clinical Psychophysiology, Brain and Cognition, Dyslexia, Cortex, Brain Topography, Applied Psycholinguistics

Research Grant Reviewing

Ad-hoc reviewer for the following grant awarding bodies:

European Research Council (Europe), Agence Nationale pour la Recherche (France), Royal Society (UK), British Academy (UK), Medical Research Council (UK), Leverhume Trust (UK), Economic and Social Research Council (UK), Biotechnology and Biological Sciences Research Council (UK).

External Research Collaborations

- Prof. Cathy Price, Wellcome Department of Imaging Neuroscience, London, UK. Investigation of the functional dissociation for verbal and nonverbal semantic access using Positron Emission Tomography (PET) and high field functional Magnetic Resonance Imaging (fMRI).
- Prof. Philip Davis, and Dr Victorina Gonzalez-Diaz, School of English, Liverpool University, UK. Neurofunctional investigation of the Shakespearean functional shift.
- Dr Sonja Kotz and Prof. Angela Friederici, Max Plank Institute for Human Cognitive and Brain Sciences, Leipzig, Germany. Impact of callosal lesions on semantic processing of spoken words and environmental sounds.
- Prof. Albert Costa, Dr Kristof Strijkers and Dr Clara Martin, Pompeu Fabra University, Barcelona, Spain. Lexical access in production.
- Dr Panos Athanasopoulos, Dr Manne Bylund, Dr Monique Flecken. Linguistic relativity in the domains of colour perception and motion event conceptualisation.
- Dr Sotaro Kita, School of Psychology, Warwick University, UK; Prof. Mutsumi Imai and Dr Michiko Asano at Keio University at Shonan-Fujisawa. The role of sound symbolism in word learning.
- Dr Jan Andoni Dunbeitia, Prof Manuel Carreiras, and Dr Maria Dimitropoulou, Basque Centre for Brain, Cognition and Language, San Sebastian, Spain. Developmental aspects of Translanguaging.

Supervised PhD students (cf. publication list for papers co-authored by candidate)

- 2001 – 2004 Tim Fosker (ESRC 1+3 studentship). Investigation of phonological processing in dyslexia using event-related potentials.
- 2004 – 2007 Yan Jing Wu (ORS award and School of Psychology studentship). Event-related potential investigation of conscious and unconscious mechanisms underlying Chinese-English bilingualism.
- 2008 – 2011 Nicola Savill (ESRC 1+3). Investigation of orthographic and phonological integration mechanisms in developmental dyslexia.
- 2008 – 2011 Benjamin Dering (School of Psychology studentship). Category-selectivity to faces: a comparative analysis of P1 and N1 sensitivity in visual event-related potentials.
- 2010 – 2013 Bastien Boutonnet (ESRC +3). Linguistic relativity electrified :Event-related potential investigation of the way in which language affects cognition.
- 2012 – present Anna Beres (School of Psychology Studentship). Translanguaging: The quest for the bilingual learning advantage.

Supervised Postdoctoral Fellows / Researchers

- 2003 – 2006 Mark Roberts (Research Officer on BBSRC grant 5/S18007). Exploration of interactions between emotions and semantic processing using electrophysiology and neuroimaging.
- 2006 – 2007 Clara Martin (Fyssen Foundation grant). Neural bases of bilingual processing / Face-selectivity in event-related potentials
- 2007 – 2013 Jan-Rouke Kuipers (ESRC Centre for research on bilingualism). Developmental approach to bilingualism using event-related potentials.
- 2007 – 2011 Benjamin Dering (ESRC Centre for research on bilingualism). Electrophysiological correlates of bilingual lexical semantic access in Chinese-English and Welsh-English bilinguals.
- 2008 – 2011 Noriko Hoshino (ESRC Centre for research on bilingualism). Electrophysiological correlates of bilingual lexical semantic access in Chinese-English and Welsh-English bilinguals.
- 2009 – 2011 Dusana Dorjee (European Research Council) Neurosemantics : the human brain as a meaning processor.
- 2009 – 2012 Yan Jing Wu (European Research Council) Neurosemantics : the human brain as a meaning processor.
- 2009 – 2010 Marie Lallier (Fyssen Foundation Grant). Lexicality effects in reading in bilinguals.
- 2010 – 2013 James Keidel (European Research Council) Neurosemantics : the human brain as a meaning processor.
- 2011 Alice Foucart (ESRC Centre for research on bilingualism) Developmental approach to bilingualism using event-related potentials.
- 2011-2012 Nick Davis (Overhead funding) Translanguaging, Transcranial Direct current stimulation, Dyslexia, and Parkinson disease.

International visitors

- 2003 – 2006 Dr Maria Dimitropoulou
- ...

Other Administrative Duties

- 2010 – 2011 Director of Innovation | Pontio project | Bangor University
- Sept 2009 Neurobilingualism conference in Bangor | Chair of the organisation committee
- 2002 – present In charge of Open Day Presentations at University-wide and Psychology Open Days
- 2007 – 2013 Head of the Neuroscience Research Team | ESRC Centre for research on bilingualism
- 2007 – 2008 Chair, Third Mission & Dissemination Group, Wales Institute of Cognitive Neuroscience
- 2005 – 2006 Chair, Language and Hearing theme group Wales Institute of Cognitive Neuroscience
- 2004 – 2007 Marketing Director for the School of Psychology
- 2004 – 2005 Conception and implementation of the school of psychology Website.

External PhD Thesis Examination

- June 2013 Taoli Zhang, Nottingham University, UK. 'Automatic translation from English to Chinese and subsequent processing of the Chinese translations'.
- October 2012 Emily Coderre, Nottingham University, UK. 'Neuroimaging investigations of lexical processing, executive control, and the bilingual advantage'.

- October 2010 Christina Baus, University of Tenerife, Spain.
- February 2010 Mireia Hernadez, Barcelona University, Barcelona, Spain. 'Collateral effects of mastering two languages: does bilingualism aid executive control?'
- April 2009 Marie Lallier, Pierre Mendès France University, Grenoble, France.
- April 2008 Lucy MacGregor, Edinburgh Univeristy "How does disfluent speech affect listeners? An electrophysiological investigation.", Supervisors: Drs David Donaldson and Martin Corley.
- December 2007 Julia Hocking, University College London, "The Anatomical substrates of feature integration during object processing", Supervisor: Prof. Cathy Price.
- December 2005 Clara Martin, University Lumière Lyon II, "Effets "Top-down" lexicaux et attentionnels sur la reconnaissance de mots isolés en modalité visuelle". Supervisors : Dr. Tatjana Nazir and Prof. Jean-François Démonet.

Teaching Activities

- MA in bilingualism (MA) 2009-present
- Brain and Behaviour (Year 1) 2001– present
- Practical Foundations (Year 2) 2000 – 2002
- Cognitive Neuroscience (Year 3) 2000 – 2004
- Cognitive Neuroscience of Language (Year 3 - Masters) 2002 – 2004
- Brain and Language (Year 3) 2004 – 2009
- Psychology Oral Presentation Practice Scheme (Year 1-3) 2000 – 2001
- Conception and implementation of the Brain Illusion Teaser

Teaching Evaluation and Feedback

The feedback over the past 6 years was very positive with over 95% students satisfied or very satisfied every year. Some replies from students to the question "Name some strength of this module": "Everything", "fun and exciting", "the teacher is wicked and helps you to understand", "the lecturer is ace", "he is the best lecturer", "interesting, fantastic PowerPoint", "pleasure to attend", "the course [...] manages to keep me awake!! I feel I've learnt a lot", "without a doubt the lecturer. It was a fascinating module with a humorous, intelligent and enthusiastic lecturer".

Third mission and Knowledge Transfer Activities

- The Brain Illusion Teaser (BIT, 2003). © School of Psychology, Bangor Univeristy. Conception and implementation of the Brain Illusion Teaser, an interactive introduction to visual illusions and their physiological explanations. Free copy available on the BBC website : <http://www.bbc.co.uk/wales/northwest/fun/pages/brainillusionteaser.shtml>
- Cognisens™ : Cognisens is an interactive neuroscience exhibition designed to familiarise the participating audience with powerful perceptual illusions with the aim of breaking the news gently that reality as we know it is a construct of our brain on the basis of which we create a coherent, meaningful representation of the world around us. The PI obtained a £7K grant from the Wales Institute of Cognitive Neuroscience and conceived, developed, produced and delivered this interactive neuroscience exhibition for al. The trademark is registered to the School of Psychology, Bangor University. Cognisens was introduced in 2009 as "Seven exhibits to discover the power of your brain". Exhibitions have taken place in Cardiff (August 2009), Bangor (September 2009), and Preston (November 2009).
- Cerebellum: In March 2012 and again in March 2013, The PI conceived, developed, produced and delivered an interactive immersive theatrical experience where cognitive neuroscience and context orientated theatre collide in close collaboration with theatre director Iwan Brioc from the republic of imagination. Cerebellum was sponsored by Pontio (the new arts and innovation centre under

construction at Bangor University), the Art Council for Wales, and the School of Psychology, Bangor University. Funding was £7K in 2012 and £9K in 2013. In Cerebellium, the audience is fully immersed in a science fiction mini-world and experience one-to-one theatre as they discover the labyrinth individually. The Cerebellium experience was designed as a three-in-one experiment: theatrical, scientific, and philosophical, inviting us to coin the term epistemotheatre. The theatrical experiment tested is if it is possible to get visitors involved (attentionally, emotionally, cognitively) well beyond what they experience when they sit passively in a theatre facing a stage. Thanks to Iwan Brioc's second-to-none creativity in the domain of theatre labyrinth, we knew it would work and it did, beyond expectations. The scientific experiment tested whether people with basic knowledge of the brain and human biology would choose to believe in a radical science fiction scenario involving a brain in a vat having gained or regained consciousness and whether such a scenario would power the demonstration of principles such as perceptual illusion, affective sensitisation, obedience, compassion, beyond the usual. That worked too, in a rather spectacular way, despite complete, transparent disclosure of the fact that it was all theatre. The philosophical experiment tested whether, the two preceding conditions being met, visitors would become more aware (or perhaps aware for the first time) of what existence means, how consciousness relates to existence, the fact that reality around us is a construct secreted by our brain, and the ethical implications of this as regards life, happiness, death. Judging by visitors' free expression in the final room of Cerebellium (the 'decompression room'), most people found it a 'deep', 'mesmerizing', 'mind-blowing', 'life-changing' experience. About half of them even rated it as one of the most fascinating experiences of their life. We can only hope that the third –philosophical– experiment succeeded.