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PhD. Experimental Psychology

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Education

- 2004: **BA in Psychology (Honors)**. University of Deusto. (Equivalences: MA level). Avg. grade: 7,69.
- 2008: **PhD in Psychology (cum laude)**. University of Deusto.
- 2014: **Máster in Research Methods**: Máster Interuniversitario en Metodología de las Ciencias del Comportamiento y de la Salud. UNED, UAM, UCM. Universidad Nacional de Educación a Distancia. Grade: 8.93.

Accreditations

- **ANECA** (Agencia Nacional de Evaluación de la Calidad y Acreditación):
 - *Ayudante Doctor*
 - *Profesor Contratado Doctor*
 - *Profesor de Universidad Privada*
- **UniBasq** (Agencia de Calidad del Sistema Universitario Vasco):
 - *Profesor Adjunto*.
- **CNEAI** (Comisión Nacional de Evaluación de la Actividad Investigadora)
 - Two six-year terms ("sexenios") acknowledged (2006-2011 and 2012-2017).

Research experience

- 2002/2003 and 2003/2004: **Undergraduate research assistant**. University of Deusto, Spain. (200 hours in 2002/2003; 90 hours in 2003/2004).
- 2004 (October) – 2008 (September): **Predoctoral research assistant**. University of Deusto, Spain.
- 2008 (October - December): **PhD Researcher: Psikolab project** aimed at developing an online Psychology Laboratory. University of Deusto, Spain.
- 2007 (June – July): **Visiting scholar**. University of Malaga, Spain.
- 2008 (June – August): **Visiting scholar**. Department of Cognitive, Perceptual and Brain Sciences. University College London, UK.
- 2009 (January) – 2011 (September): **Postdoctoral researcher**. Centre for Learning and

- Experimental Psychopathology. Katholieke Universiteit Leuven, Belgium.
- 2011 (September) – 2016 (September): **Postdoctoral researcher**. University of Deusto, Spain.
- 2016 (September) – Present: **Lecturer**. University of Deusto, Spain.

Teaching experience

BA / Undergraduate

- **Aprendizaje Asociativo (Associative learning)**. Departamento de Psicología (University of Deusto). BA in Psychology.
 - 2004/2005 and 2005/2006: 2 hours/week.
 - 2006/2007 and 2007/2008: 3 credits/course.
- **Aprendizaje y Conducta (Learning and Behavior)**. Departamento de Psicología (University of Deusto). BA in Psychology.
 - 2004/2005 and 2005/2006: 2 hours/week.
 - 2006/2007 and 2007/2008: 3 credits/course.
- **Learning Psychology**. Faculty of Psychology and Educational Sciences (Katholieke Universiteit Leuven, Belgium). BA in Psychology. Language: English.
 - 2010/2011: 4 ECTS/course.
- **Procesos Psicológicos Básicos II (Learning and Conditioning)**. Departamento de Fundamentos y Métodos de la Psicología (University of Deusto). BA in Psychology.
 - 2013/2014: 4 hours/course.
 - 2014/2015 to 2016/2017: 6 ECTS/course.
- **Trabajo de Fin de Grado (Final Degree Project)**. Departamento de Fundamentos y Métodos de la Psicología (University of Deusto). BA in Psychology.
 - 2016/2017 to 2018/2019: 6 ECTS/course.
- **Procesos Psicológicos Básicos IV (Language and Reasoning)**. Departamento de Fundamentos y Métodos de la Psicología (University of Deusto). BA in Psychology.
 - 2016/2017 to 2018/2019: 6 ECTS/course.
- **Research Topics in Psychology II**. Departamento de Fundamentos y Métodos de la Psicología (University of Deusto). BA in Psychology. Online course. Language: English.
 - 2016/2017 to 2018/2019: 3 ECTS/course.
- **Basic Psychological Processes II (Learning and conditioning)**. Departamento de Fundamentos y Métodos de la Psicología (University of Deusto). BA in Psychology. Language: English.
 - 2017/2018 to 2018/2019: 6 ECTS/course.

Postgraduate/Doctoral school

- **Co-promotion of Master Thesis**. Faculty of Psychology and Educational Sciences (Katholieke Universiteit Leuven, Belgium).
 - Thesis title: "*Behavioral responses to fear: Optimization of a human conditioning protocol*". Student: Dieter Struyf. Co-promotor: Frank Baeyens. Date of presentation: 19 September 2012. Score: 18/20. Language: English.
- **Promotion of Master theses**. Master oficial de Neuropsicología y Educación (Universidad Internacional de La Rioja, Spain). Online courses.
 - 2013/2014 to 2016/2017: 6 ECTS/course.
- **Diseño del Plan de Investigación de la Tesis Doctoral en Psicología ("Research designs in Psychology doctoral studies")**. Deusto International Research School (University of Deusto).
 - 2014/2015: 8 hours/course.
- **El informe científico ("The scientific report")**. Facultad de Psicología y Educación

- (Universidad de Deusto). Master en Salud Mental y Terapias Psicológicas.
 - 2014/2015: 4 hours/course.
- **Introducción a la programación para la realización de experimentos de psicología y cuestionarios offline y online ("Introduction to programming online and offline psychological experiments")**. Deusto International Research School (Universidad de Deusto).
 - 2014/2015 and 2015/2016: 15 hours/course.
- **Introducción a la metodología en estudios longitudinales ("Introduction to longitudinal research methods")**. Deusto International Research School (Universidad de Deusto).
 - 2016/2017: 12 hours/course.
- **Metodología en Psicología Sanitaria I ("Research methods in Health Psychology I")**. Máster en Psicología General Sanitaria + Psicoterapia Sistémico-Relacional.
 - 2017/2018 and 2018/2019: 18 hours/course.
- **Ciencia Abierta y otras propuestas ante la crisis de replicación en psicología ("Open science and other proposals against the replication crisis in Psychology")**. Deusto International Research School (Universidad de Deusto).
 - 2018/2019.

Other teaching experience

- Organization and teaching of the **Seminar "El mundo de los niños y niñas, ¿merece la pena desarrollar nuestro potencial infantil para ser más felices?"** [Translated: "The children's world: Should we develop our child potential to be happier?"], aimed to students of the Faculty of Philosophy and Education Sciences (University of Deusto).(March 2003) 4.5 credits
- Design and organization of a **workshop on critical thinking aimed to high-school students**. This activity was funded by the *Ministerio de Economía y Competitividad*. (8 sessions in 2011/2012).

University management

- **Manager: Final Undergraduate Thesis**. Grado en Psicología. Facultad de Psicología y Educación (Universidad de Deusto).
 - 2016/2017 to 2018/2019.
- **Assistance in Management of Psychology degree**. Facultad de Psicología y Educación (Universidad de Deusto).
 - 2016/2017 to 2018/2019.

Publications

- Total citations (Google Scholar): 577; (Thomson Reuters WoS): 299
- h-index (Google Scholar): 16; (Thomson Reuters WoS): 11
- Google Scholar profile ([link](#))
- ResearcherID (Thomson Reuters Web of Science): E-8941-2010 ([link](#))
- ImpactStory – Altmetrics profile ([link](#))
- ResearchGate ([link](#))
- Orcid: 0000-00003-1283-8313 ([link](#))
- Scopus: 35777348200 ([link](#))
- Open Science Framework ([link](#))



JCR indexed journals:

(When possible, Open Science practices are indicated. The “badges” used below were created by the author for this document, and do not imply any certification of the practice by third parties).

Like everyone else, I would prefer to have my work evaluated on the basis of its quality, rather than by means of metrics such as the citation count and the impact factor. Nonetheless, this information is included here.

1. Matute, H., Blanco, F., & Díaz-Lago, M. (2019). [Learning mechanisms underlying accurate and biased contingency judgments](#). *Journal of Experimental Psychology: Animal Learning and Cognition*, 45(4), 373-389. doi: 10.1037/xan0000222 (IF JCR2017 = 2.030; Ranking 8/14, Q3, in Biological Psychology). Times cited (Google Scholar): 1.
2. Blanco, F., & Matute, H. (2019). Base-rate expectations modulate the causal illusion. *PLoS One*, 14(3), e0212615. doi: 10.1371/journal.pone.0212615. (IF JCR2017 = 2.766; Ranking 15/64, Q1, in Multidisciplinary Sciences).

Data and materials publicly available at: <https://osf.io/nsa25/>



3. Blanco, F., Gómez-Fortes, B., & Matute, H. (2018). [Causal illusions in the service of political attitudes in Spain and the UK](#). *Frontiers in Psychology*, 9(1033). doi: 10.3389/fpsyg.2018.01033. (IF JCR2017 = 2.089; Ranking 39/135, Q2, in Multidisciplinary Psychology). Times cited (WOS): 1.

Data and materials publicly available at: <https://osf.io/hs8vf/>



4. Meulders, A., Boddez, Y., Blanco, F., Van Den Houte, M., & Vlaeyen, J.W.S. (2018). [Reduced selective learning in fibromyalgia patients versus healthy controls](#). *Pain*, 159(7), 1268-1276. doi: 10.1097/j.pain.0000000000001207. (IF JCR2017 = 5.559; Ranking 35/261, Q1, in Neurosciences). Times cited (Google Scholar): 3. Times cited (WOS): 1.

5. Blanco, F., & Morís, J. (2018). [Bayesian methods for addressing long-standing problems in associative learning: The case of PREE](#). *The Quarterly Journal of Experimental*

Psychology, 71(9), 1844-1859. doi: 10.1080/17470218.2017.1358292. (IF JCR2017 = 2.190; Ranking 37/85, Q2, in Experimental Psychology). Times cited (Google Scholar): 5. Times cited (WOS): 1.

Data and materials publicly available at: <https://osf.io/zmcs4/>



6. Moreno-Fernández, M. M., **Blanco, F.** & Matute, H. (2017). [Causal illusions in children when the outcome is frequent](#). *PLoS One*, 12(9), e0184707. doi: 10.1371/journal.pone.0184707. (IF JCR2017 = 2.766; Ranking 15/64, Q1, in Multidisciplinary Sciences). Times cited (Google Scholar): 5. Times cited (WOS): 4.

Data and materials publicly available at: <https://osf.io/m5grd/>



7. Moreno-Fernández, M. M., **Blanco, F.**, Garaizar, P., & Matute, H. (2017). [Fishing for phishers. Improving Internet users' sensitivity to visual deception cues to prevent electronic fraud](#). *Computers in Human Behavior*, 69, 421-436. doi: 10.1016/j.chb.2016.12.044. (IF JCR2017 = 3.536; Ranking 8/85, Q1, in Experimental Psychology; Ranking 16/135, Q1, in Multidisciplinary Psychology). Times cited (Google Scholar): 16. Times cited (WOS): 5.



8. **Blanco, F.** (2017). [Positive and negative implications of the causal illusion](#). *Consciousness & Cognition*, 50, 56-68. doi: 10.1016/j.concog.2016.08.012 (IF JCR2017 = 2.272; Ranking 36/85, Q2, in Experimental Psychology). Times cited (Google Scholar): 14. Times cited (WOS): 10.

Post-print available at **PsyArXiv**: <https://psyarxiv.com/dk7tb/>

9. Vadillo, M. A., **Blanco, F.**, Yarritu, I., & Matute, H. (2016). [Single- and Dual-Process Models of Biased Contingency Detection](#). *Experimental Psychology*, 63(1), 3-19. doi: 10.1027/1618-3169/a000309. (IF JCR2016 = 1.829; Ranking 49/84, Q3, in Experimental Psychology). Times cited (Google Scholar): 15. Times cited (WOS): 10.



10. Matute, H., **Blanco, F.**, Yarritu, I., Diaz-Lago, M., Vadillo, M. A., & Barberia, I. (2015). [Illusions of causality: How they bias our everyday thinking and how they could be reduced](#). *Frontiers in Psychology*, 6, 888. doi: 10.3389/fpsyg.2015.00888. (IF JCR2015 = 2.463; Ranking 29/129, Q1, in Multidisciplinary Psychology). Times cited (Google Scholar): 50. Times cited (WOS): 23.



11. **Blanco, F.**, Barberia, I., & Matute, H. (2015). [Individuals who believe in the paranormal expose themselves to biased information and develop more causal illusions than nonbelievers in the laboratory](#). *PLoS ONE*, 10(7), e0131378. doi:10.1371/journal.pone.0131378. (IF JCR2015 = 3.057; Ranking 11/63, Q1, in Multidisciplinary Sciences). Times cited (Google Scholar): 19. Times cited (WOS): 9.

Data and materials publicly available at: <https://doi.org/10.1371/journal.pone.0131378.s001> and <https://osf.io/audfn>



12. **Blanco, F.**, & Matute, H. (2015). [Exploring the factors that encourage the illusions of](#)

[control: The case of preventive illusions](#). *Experimental Psychology*, 62(2), 131-142. doi: 10.1027/1618-3169/a000280. (IF JCR2015 = 2.000; Ranking 41/85, Q2, in Experimental Psychology). Times cited (Google Scholar): 26. Times cited (WOS): 11.

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13. **Blanco, F.**, Baeyens, F., & Beckers, T. (2014). [Blocking in human causal learning is affected by outcome assumptions manipulated through causal structure](#). *Learning & Behavior*, 42(2), 185-199. doi: 10.3758/s13420-014-0137-y. (IF JCR2014 = 1.885; Ranking 49/85, Q3, in Experimental Psychology; Ranking 9/14, Q3, in Biological Psychology). Times cited (Google Scholar): 10. Times cited (WOS): 3.
14. Matute, H. & **Blanco, F.** (2014). [Reducing the illusion of control when the action is followed by undesired outcomes](#). *Psychonomic Bulletin & Review*, 21, 1087-1093. doi: 10.3758/s13423-014-0584-7. (IF JCR2014 = 3.369; Ranking 1/13, Q1, in Mathematical Psychology; Ranking 12/85, Q1, in Experimental Psychology). Times cited (Google Scholar): 30. Times cited (WOS): 9.
15. **Blanco, F.**, Barberia, I., & Matute, H. (2014). [The lack of side effects of an innocuous treatment facilitates the development of erroneous belief in its effectiveness](#). *PLoS ONE*, 9(1), e84084. doi: 10.1371/journal.pone.0084084. (IF JCR2014 = 3.234; Ranking 8/56, Q1, in Multidisciplinary Sciences). Times cited (Google Scholar): 22. Times cited (WOS): 11.

Data and materials publicly available at: <https://osf.io/ujc9v>

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16. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2013). [Interactive effects of the probability of the cue and the probability of the outcome on the overestimation of null contingency](#). *Learning & Behavior*, 41(4), 333-341. doi:10.3758/s13420-013-0108-8. (IF JCR2013 = 1.481; Ranking 56/83, Q3, in Experimental Psychology; Ranking 9/14, Q3, in Biological Psychology). Times cited (Google Scholar): 41; Times cited (WOS): 27.
17. Barberia, I., **Blanco, F.**, Cubillas, C. P., & Matute, H. (2013). [Implementation and assessment of an intervention to debias adolescents against causal illusions](#). *PLoS ONE*, 8(8), e71303. doi:10.1371/journal.pone.0071303. (IF JCR2013 = 3.534; Ranking 8/55, Q1, in Multidisciplinary Sciences). Times cited (Google Scholar): 22; Times cited (WOS): 15.

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18. Vadillo, M. A., Matute, H., & **Blanco, F.** (2013). [Fighting the illusion of control: How to make use of cue competition and alternative explanations](#). *Universitas Psychologica*, 12(1), 261-270. (IF JCR2013 = 0.544; Ranking 94/126, Q3, in Multidisciplinary Psychology). Times cited (Google Scholar): 20. Times cited (WOS): 8.

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19. Meulders, A., Mampaey, J., **Blanco, F.**, Boddez, Y., Vansteenwegen, D., & Baeyens, F. (2013). [Offset-control attenuates context conditioning induced by US-unpredictability in a human conditioned suppression paradigm](#). *Psychologica Belgica*, 53, 39-56. (IF JCR2013 = 1.171; Ranking 50/126, Q2, in Multidisciplinary Psychology). Times cited (Google Scholar): 2.

Open Access 

20. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2012). [Mediating role of the activity level in the depressive realism effect](#). *PLoS ONE* 7(9): e46203. doi:10.1371/journal.pone.0046203. (IF JCR2012 = 4.092; Ranking 12/84, Q1, in Multidisciplinary Sciences). Times cited (Google Scholar): 39; Times

cited (WOS): 23.



21. Vadillo, M. A., Musca, S. C., **Blanco, F.**, & Matute, H. (2011). [Contrasting cue-density effects in causal and prediction judgments](#). *Psychonomic Bulletin & Review* 18, 110-115. doi: 10.3758/s13423-010-0032-2. (IF JCR2011 = 2.606; Ranking 1/13, Q1, in Mathematical Psychology; Ranking 20/84, Q1, in Experimental Psychology). Times cited (Google Scholar): 20; Times cited (WOS): 13.
22. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2011). [Making the uncontrollable seem controllable: The role of action in the illusion of control](#). *The Quarterly Journal of Experimental Psychology*, 64, 1290-1304. doi: 10.1080/17470218.2011.552727. (IF JCR2011 = 2.212; Ranking 27/81, Q2, in Experimental Psychology). Times cited (Google Scholar): 66; Times cited (WOS): 37.
23. Musca, S. C., Vadillo, M. A., **Blanco, F.**, & Matute, H. (2010). [The role of cue information in the outcome-density effect: Evidence from neural network simulations and a causal learning experiment](#). *Connection Science*, 22, 177-192. doi: 10.1080/09540091003623797. (IF JCR2010 = 1.057; Ranking 69/108, Q3, in Computer Science: Artificial Intelligence; Ranking 47/97, Q2, in Computer Science: Theory & Methods). Times cited (Google Scholar): 20; Times cited (WOS): 14.
24. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2010). [Contingency is used to prepare for outcomes: Implications for a functional analysis of learning](#). *Psychonomic Bulletin and Review*, 17(1), 117-121. doi: 10.3758/PBR.17.1.117. (IF JCR2010 = 2.283; Ranking 2/11, Q1, in Mathematical Psychology; Ranking 23/81, Q2, in Experimental Psychology). Times cited (Google Scholar): 9; Times cited (WOS): 8.
25. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2009). [Depressive realism: Wiser or quieter?](#) *The Psychological Record*, 59, 551-562. doi: 10.1007/BF03395681 (IF JCR2009 = 0.652; Ranking 69/112, Q3, in Multidisciplinary Psychology). Times cited (Google Scholar): 43; Times cited (WOS): 27.
26. Matute, H., Vadillo, M. A., Vegas, S., & **Blanco, F.** (2007). [Illusion of control in Internet users and college students](#). *CyberPsychology and Behavior*, 10, 176-181. doi: 10.1089/cpb.2006.9971. (IF JCR2007 = 1.368; Ranking 5/55, Q1, in Communication; Ranking 22/57, Q2, in Applied Psychology). Times cited (Google Scholar): 49; Times cited (WOS): 24.

Other articles:

1. **Blanco, F.** (2018). [¿Adquisición o extinción? Un modelo Bayesiano para analizar curvas de aprendizaje](#). *Ciencia Cognitiva*, 12(1), 11-16. (Revista indexada en DOAJ, Latindex y DICE).



2. **Blanco, F.**, Perales, J.C., & Vadillo, M.A. (2017). Pot la psicologia rescatar-se a si mateixa? Incentius, biaix i replicabilitat [[¿Puede la ciencia psicológica rescatarse a sí misma? Incentivos y sesgos de decisión en la crisis de replicabilidad](#)]. *Anuari de Psicologia*, 18(2), 231-252. doi: 10.7203/anuari.psicologia.18.2.231 (Revista indexada en DOAJ, Latindex y DICE).



3. **Blanco, F.** (2016). [¿Crees en los fantasmas? Quizá estés mostrando un sesgo cognitivo](#). *Ciencia Cognitiva*, 10(1), 5-7. (Revista indexada en DOAJ, Latindex y DICE).

Book chapters and Proceedings:

1. **Blanco, F.** (2017). [Cognitive Bias](#). In J. Vonk & T. Shackelford (Eds.) *Encyclopedia of Animal Cognition and Behavior*. New York, NY: Springer. doi: 10.1007/978-3-319-47829-6_1244-1 (Indexado en SPI: ICEE General = 33.060; Ranking 4/258). Times cited (Google Scholar): 2.
2. **Blanco, F.,** & Matute, H. (2018). The illusion of causality: a cognitive bias underlying pseudoscience. In: A. B. Kaufman & J. C. Kaufman (Eds.). *Pseudoscience: The conspiracy against science* (pp. 45-76). Cambridge, MA: MIT Press. (Indexado en SPI: ICEE General = 12.602; Ranking 18/259). Times cited (Google Scholar): 4.
3. **Blanco, F.,** Vadillo, M. A., & Matute, H. (2008). La pasividad de los deprimidos los protege de la ilusión de control. In I. Etxebarria, A. Aritzeta, E. Barberá, M. Chóliz, M. Jiménez, F. Martínez-Sánchez, P. Mateos, & D. Páez (Eds.), *Emoción y Motivación: Contribuciones actuales* (Vol. 2, pp. 79-91). Astigarraga: Asociación de Motivación y Emoción.
4. Musca, S. C., Vadillo, M. A., **Blanco, F.,** & Matute, H. (2008). Associative and connectionist accounts of biased contingency detection in humans. In R. M. French & E. Thomas (Eds.), *From associations to rules: Connectionist models of behavior and cognition* (pp. 16-27). London: World Scientific. Indexado en SPI: ICEE General = 0.324; Ranking 187/259. Times cited (Google Scholar): 4.
5. Matute, H., Vadillo, M. A., **Blanco, F.,** & Musca, S. C. (2007). Either greedy or well informed: The reward maximization - unbiased evaluation trade-off. In S. Vosniadou, D. Kayser, & A. Protopapas (Eds.), *Proceedings of the European Cognitive Science Conference* (pp. 341-346). Hove, UK: Erlbaum. Indexado en SPI: ICEE General = 0.244; Ranking 212/259. Times cited (Google Scholar): 17.

Books:

1. Matute, H., Vadillo, M. A., **Blanco, F.,** Orgaz, C., & Vegas, S. (Eds.) (2007). *En qué se diferencia la danza de la lluvia del barómetro y de las bajas presiones: Una investigación sobre cómo aprendemos a explicar, predecir y controlar nuestro entorno*. Bilbao: Universidad de Deusto [ISBN: 978-84-9830-116-8]. Indexado en SPI: ICEE General = 0.477; Ranking 190/272.

Doctoral dissertation and Master thesis:

1. **Blanco, F.** (2008). *Realismo e Ilusión en los juicios de contingencia* (Unpublished doctoral dissertation). Universidad de Deusto, Bilbao. doi: [10.13140/RG.2.1.2222.3529](#).
2. **Blanco, F.** (2014). *Discriminación de contingencias mediante una red conexionista auto-heteroasociativa* (Unpublished Master thesis). Universidad Nacional de Educación a Distancia, Madrid.

Contributions to scientific meetings

Organizing committee:

1. *XX Congress of the Spanish Society for Comparative Psychology* (International meeting). Septiembre, 2008. Universidad de Deusto, Bilbao.

Invited talks and seminars:

1. **Blanco, F.** (2019, Julio). *La técnica del análisis de las curvas p: utilidad y limitaciones*. Presentation for invited symposium at the XVI Congreso de la Asociación Española de la Metodología de las Ciencias Sociales y de la Salud. Madrid, Spain.

2. **Blanco, F.** (2019, Julio). *Grados de evidencia en psicología. Cómo interpretar los resultados científicos en la crisis de la credibilidad*. Presentación en simposio invitado en el IV Congreso Nacional de Psicología. Vitoria, Spain.
3. **Blanco, F.** (2019, April). Estudiando experimentalmente... La ilusión causal. Invited conference at the Congress of the Colectivo de Estudiantes de Psicología (CEP-PIE). Teruel, Spain.
4. **Blanco, F.** (2019, January). *The Psychology of Virtual Reality*. Invited conference in the Jakin Mina, held by Jakiunde (Academia de las Ciencias, las Artes y las Letras). Bilbao, Spain.
5. **Blanco, F.** (2017, September). *Workshop on Open Science*. Oviedo, Spain.
6. **Blanco, F.** (2016, February). *Sadder but safer: optimistic illusions of control can affect our health*. Invited talk at Workshop on Costs and Benefits of Optimism. London, UK.
7. **Blanco, F.** (2016, February). *Overestimations of contingency: implications and solutions*. Invited talk at London Judgement and Decision Making Seminars series. University College London, UK.
8. Matute, H., **Blanco, F.**, & Yarritu, I. (2015, June). *Why people believe in alternative medicine*. Invited talk at International Health Conference. Oxford, UK.
9. **Blanco, F.** (2015, June). *Associative learning vs. judgment processes in contingency detection: re-examining the knowledge from dissociations between different dependent measures*. Invited talk at Small Meeting on Associative and Propositional Learning. Warsaw, Poland.
10. Vadillo, M. A., **Blanco, F.**, & Matute, H. (2006, June). *¿Qué es un laboratorio virtual de psicología?* Invited talk at First Virtual Meeting of Internet Psychologists. Oaxaca, Mexico.

Oral contributions:

1. **Blanco, F.**, Gómez, B., & Matute, H. (2019, September). *Causal illusions can be modulated by political attitudes*. XXXI International Meeting of the Spanish Society for Comparative Psychology. Málaga, Spain.
2. **Blanco, F.** & Morís, J. (2019, July). *Un modelo Bayesiano para examinar curvas de aprendizaje a nivel individual*. XVI Congreso de la Asociación Española de la Metodología de las Ciencias Sociales y de la Salud. Madrid, Spain.
3. **Blanco, F.**, Gomez, B., Matute, H. (2018, November). *Political attitudes modulate the illusion of causality*. SEJyD Symposium (Sociedad para el Estudio de los Juicios y la toma de Decisiones). Barcelona, Spain.
4. **Blanco, F.**, & Morís, J. (2018, September). *Is this acquisition or extinction? Using Bayesian analysis to understand individual and group learning curves in the PREE*. XXX Congreso Internacional de la Sociedad Española de Psicología Comparada. Ávila, Spain.
5. **Blanco, F.**, & Matute, H. (2018, July). *Causal judgments are affected by outcome base-rate expectations*. 1st Joint Conference Sepex - Sepneca – AIP Experimental. Madrid, Spain.
6. Meulders, A., Boddez, Y., **Blanco, F.**, Van Den Houte, M., & Vlaeyen, J. (2018, April). *Reduced selective learning in fibromyalgia patients vs. healthy controls*. 2018 Australian Pain Society 38th and New Zealand Pain Society Conjoint Annual Scientific Meeting. Sidney, Australia.
7. **Blanco, F.**, & Matute, H. (2017, September). *Outcome base-rate expectations modulate causal judgments in null contingency settings*. XIX Congreso Internacional de la Sociedad Española de Psicología Comparada. Oviedo, Spain.

8. **Blanco, F.**, Barberia, I., & Matute, H. (2016, September). *Believers in the paranormal are more likely to overestimate null contingencies*. XXVIII Congreso Internacional de la Sociedad Española de Psicología Comparada. Barcelona, Spain.
9. Moreno-Fernández, M.M., **Blanco, F.**, & Matute, H. (2016, September). *Does outcome density promote causal biases in children?* XXVIII Congreso Internacional de la Sociedad Española de Psicología Comparada. Barcelona, Spain.
10. **Blanco, F.**, & Morís, J. (2016, July). *A Bayesian method for studying the effect of partial reinforcement on extinction*. Joint Meeting of the Experimental Psychology Society (EPS) and the Spanish Society of Experimental Psychology (SEPEX). Oxford, UK.
11. Moreno-Fernández, M.M., **Blanco, F.**, Garaizar, P., & Matute, H. (2016, July). *Fighting Phishing. Improving users' awareness about electronic fraud by discriminative training*. Joint Meeting of the Experimental Psychology Society (EPS) and the Spanish Society of Experimental Psychology (SEPEX). Oxford, UK.
12. **Blanco, F.**, & Morís, J. (2016, July). *New Bayesian methods for solving long-standing problems in contingency learning: The case of PREE*. First Meeting of the Society for the Advancement of Judgment and Decision Making Studies (SEJyD). Palma de Mallorca, Spain.
13. Moreno-Fernández, M.M., **Blanco, F.**, Garaizar, P., & Matute, H. (2016, July). *Promoting safer decisions in Internet users: Perceptual training to prevent phishing*. First Meeting of the Society for the Advancement of Judgment and Decision Making Studies (SEJyD). Palma de Mallorca, Spain.
14. **Blanco, F.**, & Morís, J. (2016, Mayo). *Bayesian modeling of human contingency learning phenomena: An illustration with the Partial Reinforcement Extinction Effect (PREE)*. International Meeting of Psychonomic Society. Granada, Spain.
15. Moreno-Fernández, M.M., **Blanco, F.**, & Matute, H. (2016, Mayo). *Assessing causal biases in children*. International Meeting of Psychonomic Society. Granada, Spain.
16. **Blanco, F.**, & Matute, H. (2015, Septiembre). *Illusions of control over undesired events: reversing the outcome-density bias*. XXVII Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Sevilla, Spain.
17. **Blanco, F.**, Yarritu, I., Vadillo, M. A., & Matute, H. (2015, Septiembre). *Single vs. dual process theories of contingency learning: Is the evidence of dissociations between measures conclusive?* 19th Conference of the European Society for Cognitive Psychology (ESCP). Paphos, Cyprus.
18. **Blanco, F.**, Barberia, I., & Matute, H. (2014, Octubre). *The illusion that a bogus treatment is effective becomes stronger when there are no side effects*. Congreso conjunto de la Sociedad Española de Psicofisiología y Neurociencia Cognitiva y Afectiva (SEPNECA) y la Sociedad Española de Psicología Experimental (SEPEX). Murcia, Spain.
19. **Blanco, F.**, Barberia, I., & Matute, H. (2014, Septiembre). *The lack of side-effects increases the belief in the effectiveness of a bogus treatment*. First joint Portuguese-Spanish Meeting on Comparative Psychology. Braga, Portugal.
20. Matute, H., **Blanco, F.**, & Barberia, I. (2013, Septiembre). *Illusions of causality: How they affect our decisions and how they could be reduced*. Meeting of the Society for the Advancement of Judgment and Decision Making Studies. Granada, Spain.
21. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2013, Marzo). *Statistical and experimental evidence supports the mediating role of response frequency in the depressive realism effect*. XVII Associative Learning Symposium. Newtown, UK.

22. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2012, Septiembre). *Response frequency mediates the depressive realism effect: Statistical and experimental evidence*. Joint Meeting of the Spanish Society for Comparative Psychology (SEPC) and the International Society for Comparative Psychology (ISCP). Jaén, Spain.
23. **Blanco, F.**, & Baeyens, F. (2012, Mayo). *Blocking is affected by additivity-related assumptions manipulated through causal structure*. Joint Meeting of the Belgian Association for Psychological Science (BAPS) and the Spanish Society for Experimental Psychology (SEPEX). Liege, Belgium.
24. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2011, Septiembre). *Overestimations of null contingencies depend on the probability of the action*. 17th Meeting of the European Society for Cognitive Psychology (ESCP). Donostia - San Sebastián, Spain.
25. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2011, Mayo). *Overestimations of null contingencies are asymmetrically enhanced by the probability of the cue and the probability of the outcome*. Meeting of the Belgian Association for Psychological Science. Ghent, Belgium.
26. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2011, Abril). *Making the uncontrollable seem controllable: The role of action in the overestimation of contingency*. XV Associative Learning Symposium. Newtown, UK.
27. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2010, Abril). *What is contingency information used for? A study on preparation behavior*. Joint Meeting of the Experimental Psychology Society (EPS) and the Spanish Society for Experimental Psychology (SEPEX). Granada, Spain.
28. Vadillo, M. A., Musca, S. C., **Blanco, F.**, & Matute, H. (2010, Abril). *Cue-density effects on outcome prediction and causal judgment*. Joint Meeting of the Experimental Psychology Society (EPS) and the Spanish Society for Experimental Psychology (SEPEX). Granada, Spain.
29. Matute, H., **Blanco, F.**, Vadillo, M. A., Yarritu, I., & Orgaz, C. (2010, Marzo). *What is contingency learning for?* Conference on Comparative Cognition (Co3). Melbourne, FL, USA.
30. **Blanco, F.**, Matute, H. & Vadillo, M. A. (2010, Abril). *Is preparatory behavior based on outcome predictions? The function of contingency information*. XIV Associative Learning Symposium. Newtown, UK.
31. Musca, S. C., Vadillo, M. A., **Blanco, F.**, & Matute, H. (2008, Septiembre). *Est-ce plus facile de dire ce qui va se passer que de dire pourquoi cela arrive? Un jugement de prédiction n'est pas nécessairement plus juste qu'un jugement de causalité*. Congrès de la Société Française de Psychologie. Bordeaux, France.
32. Matute, H., **Blanco, F.**, & Vadillo, M. A. (2008, Julio). *Passivity associated to depression protects individuals from the illusion of control*. XXIX International Congress of Psychology. Berlin, Germany.
33. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2008, Abril). *El nivel de actividad del participante influye sobre el realismo depresivo*. VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX). Donostia - San Sebastián, Spain.
34. Matute, H., Vadillo, M. A., **Blanco, F.**, & Musca, S. C. (2008, Abril). *Simulaciones de la ilusión de control en función del nivel de actividad del sujeto*. VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX). Donostia - San Sebastián, Spain.
35. Matute, H., Vadillo, M. A., **Blanco, F.**, & Musca, S. C. (2007, Septiembre). *O maximizas el reforzador, o averiguas si lo controlas: Una simulación sobre la incompatibilidad de*

- ambas metas*. XIX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Madrid, Spain.
36. Vadillo, M. A., **Blanco, F.**, & Matute, H. (2007, Septiembre). *La aumentación en el aprendizaje predictivo humano depende de la disponibilidad de tiempo para pensar*. Paper presented at the XIX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Madrid, Spain.
 37. Matute, H., Vadillo, M. A., **Blanco, F.**, & Musca, S. C. (2007, Julio). *Simulating the illusion of control: Adapting behavior to maximize reward results in a biased evaluation of one's efficiency*. Joint meeting of the Psychonomic Society and the Experimental Psychology Society. Edimburgh, Scotland.
 38. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2007, Mayo). *La pasividad de los deprimidos les protege de la ilusión de control*. V Simposio de la Asociación de Motivación y Emoción. Donostia - San Sebastián, Spain.
 39. Matute, H., Vadillo, M. A., **Blanco, F.**, & Musca, S. (2007, Mayo). *Either greedy or well informed: The reward maximization - unbiased evaluation trade-off*. Second Conference of the European Cognitive Science Society. Delphi, Greece.
 40. Musca, S. C., Vadillo, M. A., **Blanco, F.**, & Matute, H. (2007, Abril). *Associative and connectionist accounts of biased contingency detection in humans*. Tenth Neural Computation and Psychology Workshop. Dijon, France.
 41. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2006, Septiembre). *El realismo depresivo depende de la diferente exposición a la contingencia objetiva*. XVIII Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Málaga, Spain.

Posters:

1. Moreno-Fernández, M. M., **Blanco, F.**, & Matute, H. (2019, September). *Individual differences in information seeking predicts causal illusions*. Poster presented at the XXXI International Meeting of the Spanish Society for Comparative Psychology. Málaga, Spain.
2. **Blanco, F.**, Gómez-Fortes, B., & Matute, H. (2019, March). *Causal illusions are sensitive to political attitudes: a case for motivated reasoning*. Poster presented at the International Convention of Psychological Science (APS). Paris, France.
3. Moreno-Fernández, M. M., **Blanco, F.**, & Matute, H. (2018, November). *Control overestimation in children. The role of being actively involved in a task*. Poster presented at SEJyD Symposium (Sociedad para el Estudio de los Juicios y la toma de Decisiones). Barcelona, Spain.
4. Díaz-Lago, M., **Blanco, F.**, & Matute, H. (2018, November). *Perceived efficacy as a function of price: A non-effective drug seems better when it is expensive*. Poster presented at SEJyD Symposium (Sociedad para el Estudio de los Juicios y la toma de Decisiones). Barcelona, Spain.
5. Díaz-Lago, M., **Blanco, F.**, & Matute, H. (2018, September). *The financial cost of a non-contingent cue modulates causal illusions*. Poster presented at the XXX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Ávila, Spain.
6. Moreno-Fernández, M. M., **Blanco, F.**, & Matute, H. (2018, September). *The role of personal involvement in children perceptions of control*. Poster presented at the XXX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Ávila, Spain.

7. Moreno-Fernández, M. M., **Blanco, F.**, & Matute, H. (2018, July). *Personal involvement and illusions of control in children*. Poster presented at the 1st Joint Conference Sepex - SEPNECA – AIP Experimental. Madrid, Spain.
8. Díaz-Lago, M., **Blanco, F.**, & Matute, H. (2018, July). *The more expensive, the better: The economic value of a bogus medical treatment modulates causal judgments*. Poster presented at the 1st Joint Conference Sepex - SEPNECA – AIP Experimental. Madrid, Spain.
9. Moreno-Fernández, M. M., **Blanco, F.**, & Matute, H. (2017, September). *Incidental learning and outcome-density bias*. Poster presented at XIX Congreso Internacional de la Sociedad Española de Psicología Comparada. Oviedo, Spain.
10. Díaz-Lago, M., **Blanco, F.**, & Matute, H. (2016, Mayo). *The presence of side effects reduces the causality bias associated to bogus treatments*. International Meeting of Psychonomic Society. Granada, Spain.
11. Moreno-Fernández, M.M., **Blanco, F.**, Garaizar, P., & Matute, H. (2015, Septiembre). *Easy-to-hard effect: An application against electronic fraud*. XXVII Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Sevilla, Spain.
12. **Blanco, F.**, Barberia, I., & Matute, H. (2015, Septiembre). *Enhanced causal illusion: Bogus treatments may seem effective, but bogus treatments with no side effects seem even better*. 19th Conference of the European Society for Cognitive Psychology (ESCP). Paphos, Cyprus.
13. **Blanco, F.** (2012, Julio). *Illusions of causality*. Workshop on Bayesian Modeling for Cognitive Science. Amsterdam, the Netherlands.
14. Yarritu, I., **Blanco, F.**, Matute, H., & Vadillo, M. A. (2010, Abril). *Misperception of causality: Implications for quackery and pseudoscience*. 1st Joint Meeting of the Experimental Psychology Society and the Spanish Society for Experimental Psychology. Granada, Spain.
15. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2009, Noviembre). *The frequency of the cue increases the outcome density effect*. 50th Annual Meeting of the Psychonomic Society. Boston, MA, USA.
16. Matute, H., Yarritu, I., **Blanco, F.**, & Vadillo, M. A. (2009, Septiembre). *On how to reduce the illusion of control: Implications for increasing scientific reasoning in society*. XVI European Society for Cognitive Psychology Conference. Krakow, Poland.
17. **Blanco, F.**, Musca, S. C., Vadillo, M. A., & Matute, H. (2008, Septiembre). *Cue density bias in prediction, but not in causal judgments*. XX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Bilbao, Spain.
18. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2008, Julio). *Causal, preparation, and prediction judgments are not based on the same information*. XXIX International Congress of Psychology. Berlin, Germany.
19. Vadillo, M. A., Musca, S. C., **Blanco, F.**, & Matute, H. (2008, Julio). *Biases in contingency learning: Are outcome predictions more accurate than causal judgments?* XXIX International Congress of Psychology. Berlin, Germany.
20. Musca, S. C., Vadillo, M. A., **Blanco, F.**, & Matute, H. (2008, Abril). *¿Se debe el efecto de densidad del resultado sólo a la densidad del resultado? Predicciones de redes neuronales y resultados comportamentales*. VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX). Donostia – San Sebastián, Spain.
21. Vadillo, M. A., Musca, S. C., **Blanco, F.**, & Matute, H. (2008, Abril). *Sesgo de densidad de la clave en el aprendizaje causal y predictivo*. VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX). Donostia – San Sebastián, Spain.

22. **Blanco, F.**, Matute, H., & Vadillo, M. A. (2007, Septiembre). *Los juicios predictivos y preparatorios no están basados en la misma información que los juicios causales*. XIX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Madrid, Spain.
23. Musca, S. C., Vadillo, M. A., **Blanco, F.**, & Matute, H. (2007, Septiembre). *Are illusory correlations a pre-asymptotic effect? Insights from distributed artificial neural network modeling*. XIX Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Madrid, Spain.
24. **Blanco, F.**, Vadillo, M. A., & Matute, H. (2006, Julio). *Realismo depresivo: ¿más realistas o más pasivos?* VI Congreso de la Sociedad Española de Psicología Experimental (SEPEX). Santiago de Compostela, Spain.
25. **Blanco, F.**, Vadillo, M. A., & Matute, H. (2005, Septiembre). *La disponibilidad de una causa alternativa reduce la ilusión de control*. XVII Congreso Internacional de la Sociedad Española de Psicología Comparada (SEPC). Madrid, Spain.

Projects, awards, and funds

Individual grants (competitive tendering):

- 2004-2008: **Predocctoral Fellowship** granted by Departamento de Educación, Universidades e Investigación del Gobierno Vasco (Ref: BFI04.484). 63238.75 €
- 2009 (January) – 2010 (December): **Postdoctoral Fellowship** granted by Departamento de Educación, Universidades e Investigación del Gobierno Vasco (Ref: BFI08120.0). 57105.66 €
- 2010: **Travel grant** awarded by the Flanders Research Foundation (Fonds voor Wetenschappelijk Onderzoek – Vlaanderen; FWO), covering the travel expenses to attend the 2010 Joint Meeting SEPEX-EPS in Granada, Spain (Ref: K1.209.10N). 642.33 €
- 2011 (January – September): **Postdoctoral contract** granted by the Katholieke Universiteit Leuven (Ref: F+/10/009). 19153.35 €
- 2011: **Travel grant** awarded by the Flanders Research Foundation (Fonds voor Wetenschappelijk Onderzoek – Vlaanderen; FWO), covering the travel expenses to attend the Summer School on Probabilistic Models of Cognition, organized by the Institute of Pure and Applied Mathematics (IPAM), University of California at Los Angeles (CA, USA). (Ref: K2.102.11N). 726.00 €
- 2011 (October) – 2016 (September): **Postdoctoral contract** granted by the University of Deusto.

Participation in research projects (competitive tendering):

a) As Principal Investigator (PI):

- 2018 (January) – 2020 (December): *"Tratamientos de salud con efectividad demorada: eficacia percibida y peligros asociados. Un enfoque desde la psicología experimental"*, funded by Ministerio de Economía, Industria y Competitividad (Spanish Government) (Ref: PSI2017-83196-R). 14.278 €.

b) As a team member:

- 2006 (January) – 2009 (December): *"Procesos de inferencia causal en situaciones de incertidumbre"*, funded by *Secretaría general de Universidades, Investigación y*

Tecnología de la Junta de Andalucía (Ref: SEJ406). 134.500 €. PI: Prof. Francisco José López (Universidad de Málaga).

- 2007 (October) – 2009 (December): "**Aprendizaje causal: Teoría, método y aplicaciones**", funded by *Dirección general de Investigación del Ministerio de Educación y Ciencia* (Ref: SEJ2007-63691/PSIC). 111.078 €. PI: Prof. Helena Matute (Universidad de Deusto)
- 2008 (January) – 2010 (December): "**Aprendizaje causal: Teoría, método y aplicaciones**", funded by *Departamento de Educación, Universidades e Investigación del Gobierno Vasco* (Ref: PI2008-9). 8.500 €. PI: Prof. Helena Matute (Universidad de Deusto)
- 2008 (January) – 2008 (December): "**Psikolab.com: Laboratorio virtual accesible de psicología**", financiado por el *Departamento de Cultura del Gobierno Vasco* (Ref: IKT 2008 C0/0013). 18.440 €. PI: Prof. Helena Matute (Universidad de Deusto). This project supported a contract with a web-development company to implement an online laboratory. My job was to be the link between researchers and web developers.
- 2007 (January) – 2009 (December): **Ayudas para apoyar las actividades de los grupos de investigación del Gobierno Vasco (Reconocimiento como equipo B)** (Ref: IT198-07). 43.264,10 €. PI: Prof. Helena Matute (Universidad de Deusto)
- 2009 (January) – 2013 (December): "**Diagnóstico y acción en situaciones inciertas**", funded by *Consejería de Innovación, Ciencia y Empresa de la Junta de Andalucía* (Ref: P08-SEJ-03586). 236.845,68 €. PI: Prof. Francisco J. López (Universidad de Málaga)
- 2010 (January) – 2015 (December): **Ayudas para apoyar las actividades de los grupos de investigación del Gobierno Vasco (Reconocimiento como equipo A)** (Ref: IT363-10). 166.000 €. PI: Prof. Helena Matute (Universidad de Deusto)
- 2012 (January) – 2015 (December): "**Utilización de la investigación sobre aprendizaje causal para reducir el impacto de las pseudociencias**", funded by *Secretaría de estado de Investigación, Ministerio de Ciencia e Innovación de España* (Ref: PSI2011-26965). 135.520 €. PI: Helena Matute (Universidad de Deusto)
- 2016 (January) – 2021 (December): **Ayudas para apoyar las actividades de los grupos de investigación del Gobierno Vasco (Reconocimiento como equipo A)** (Ref: IT955-16). 141.785 €. PI: Prof. Helena Matute (Universidad de Deusto)
- 2017 (January) – 2020 (December): "**Ilusión causal, pseudociencias, y discriminación de contingencias**", funded by *Dirección General de Investigación del Gobierno de España* (Ref: PSI2016-78818-R). 69.920 €. PI: Helena Matute (Universidad de Deusto).

Individual awards:

- 2008: Awarded in the "**Young Researchers Contest**" organized by the **Spanish Society for Experimental Psychology** (*Sociedad Española de Psicología Experimental, SEPEX*), for the project "La probabilidad de respuesta determina los juicios de contingencia".

Team awards:

- 2006: 1st Prize in the **Annual Research Contest "UD – Grupo Santander"** for the project "Aprendizaje causal y predictivo" [Translated: "Causal and predictive learning"] (PI: Prof. Helena Matute).
- 2012: 2nd Prize in the **Annual Research Contest "UD – Grupo Santander"** for the project "Pseudociencias en la sociedad del conocimiento" [Translated: "Pseudoscience in the knowledge society"] (PI: Prof. Helena Matute).

Editorial activities

- 2009 – Present: **Associate editor** for the *Journal of European Psychology Students* (European Federation of Psychology Students' Associations).
- Ad-hoc reviewer for several scientific journals (JCR). Some of them are listed in my reviewer profile at Publons: <https://publons.com/author/387121/fernando-blanco>
 - **Elsevier: Acknowledgment as "outstanding reviewer"** for the journal *Acta Psychologica* (period 2016-2017, percentile 10 in the most prolific reviewers).

Memberships

- 2007 – Present: Member of the **Spanish Society for Experimental Psychology** (Sociedad Española de Psicología Experimental, SEPEX).
- 2009 – 2011: Associate member of the **Belgian Association for Psychological Sciences** (BAPS).
- 2009 – 2012: Member of the **Association for Skeptical Enquiry** (ASKE).
- 2013 – Present: Member of the **Society for the Advancement of Judgment and Decision-Making Studies** (SEJyD).
- 2013 – 2015: Member of the **Association for Psychological Science** (APS).
- 2015 – Present: Full member of the **European Society for Cognitive Science** (ESCOP).

Courses taken

In-person:

- February 20th – March 3rd 2017: "**Análisis de datos con estructura jerárquica: Modelos Multinivel**" (16 hours), taught by Ioseba Iraurgi (University of Deusto). Bilbao, Spain.
- November 2nd 2016: "**ALUD Avanzado**" (1.5 hours), taught by Dirección de Innovación de la Unidad Técnica de Innovación y Calidad Docente (University of Deusto). Bilbao, Spain.
- July 20th 2016: "**ALUD Básico**" (1.5 hours), taught by Dirección de Innovación de la Unidad Técnica de Innovación y Calidad Docente (University of Deusto). Bilbao, Spain.
- June 21st-23rd 2016: "**Formación para la elaboración del programa y la guía de aprendizaje**" (10 hours), taught by Dirección de Innovación de la Unidad Técnica de Innovación y Calidad Docente (University of Deusto). Bilbao, Spain.
- March 7th-15th 2016: "**Systematic revision and meta-analysis**" (16 hours), taught by Ioseba Iraurgi (University of Deusto). Bilbao, Spain.
- January 20th-22nd 2015: "**Creation of resources for online education**" (4 hours), taught by Sonia Arranz (University of Deusto). Bilbao, Spain.
- January 19th - February 2nd 2015: "**Introduction to techniques for recording brain activity**" (40 hours), organized by Natalia Ojeda (University of Deusto). Bilbao, Spain.

The course covered the basic steps in the acquisition/preprocessing of brain images (fMRI and EEG).

- October 16th 2014: "**How to apply for research funding**" (2 hours), organized by the Deusto Advanced Research Center (Universidad de Deusto, Spain).
- June, 3rd-4th 2014: "**Course for lecturers in Neuropsychology and Education**" (4 credits), organized by the Universidad Internacional de La Rioja. Madrid, Spain.
- July, 2nd-6th 2012: "**Bayesian Modeling for Cognitive Science: A WinBUGS Workshop**" (35 hours), taught by Michael D. Lee (University of California) and Eric-Jan Wagenmakers (University of Amsterdam). Amsterdam, NL.
- February, 17th 2010: Short course on "**Bayesian Data Analysis: From theory to application and back again**", taught by Andrew Gelman (Columbia University). Leuven, Belgium.
- September 2009 - February 2010: "**Optimization and numerical methods**" (G0A63a, KU Leuven, 26 hours), taught by Geert Molenberghs (University of Hasselt) and Francis Tuerlinckx (University of Leuven). Leuven, Belgium. This course is part of the "Master in Statistics" at the KU Leuven.
- October, 13th 2004 – June, 30th 2005: Course on "**Webmaster and graphic design**" (350 hours). Taught by CEINTEC (Centro para la Introducción de Nuevas Tecnologías). Mark obtained: A (with distinction). Bilbao, Spain. The course covered basic programming in HTML, JavaScript, PHP, and using Photoshop, 3D-Studio, AutoCAD and FLASH.
- March, 15th 2003 – April 12th 2003: Course on "**Prevention of drug-addiction in young people**" (40 hours). Taught by Askagintza. Bilbao, Spain. Mark obtained: A (with distinction).

Online:

- August 2019: "**Communicating with Data in the Tidyverse**", taught online by Timo Grossenbacher through DataCamp.
- August 2019: "**Introduction to the Tidyverse**", taught online by David Robinson through DataCamp.
- April, 15th 2016: "**Peer Review Academy**", organized by Springer Publishers.
- June, 6th-18th 2012: "**Workshop: Calculating Power and Sample Size**", taught online by Karen Grace-Martin (The Analysis Factor, Data Analysis Consultants).
- September-October 2012: "**Computing for Data Analysis**", taught online by Roger D. Peng (Johns Hopkins Bloomberg School of Public Health) through the CourseRa platform. Score obtained: 97/100 (with distinction).
- April-June 2012: "**Computer Science 101**", taught online by Nick Parlante (Stanford University) through the CourseRa platform. Score obtained: 100/100.
- March-August 2012: "**Machine Learning**", taught online by Andrew Ng (Stanford University) through the CourseRa platform. Score obtained: 75.8/80 (exams); 700/700 (programming exercises).

Member of evaluation committees

- PhD jury:

- Ion Yarritu (Universidad de Deusto, February 2013).
- Carmelo P. Cubillas (Universidad de Deusto, December 2013).
- Nerea Ortega-Castro (Universidad de Deusto, November 2014).
- Marcos Díaz-Lago (Universidad de Deusto, December 2017).
- MA thesis committee: Master online en Neuropsicología y Educación (Universidad Internacional de La Rioja)
 - January 2015.
 - July 2015.
- MA thesis committee: Master Psicología General Sanitaria (Universidad de Deusto)
 - February 2018.
- 2015: Reviewer for international grant proposals: Deutsche Forschungsgemeinschaft (German Research Foundation).
- 2017: Reviewer for the 39th Annual Conference of the Cognitive Science Society (CogSci).
- 2019: Expert panel for the Agencia Estatal de Investigación (AEI, ANEP), Spanish Ministry of Science, Innovation and University.

Popularization

On the Internet:

- Webmaster of the blog *Psicoteca*, a site devoted to the popularization of scientific psychology [<http://www.psicotecablog.wordpress.com>] [[previamente alojado en http://www.psicoteca.blogspot.com](http://www.psicoteca.blogspot.com)].
- Regular contributions to the blog *Psicoteca*: [<http://psicotecablog.wordpress.com/author/fernandoblancopsy/>]
- Regular contributions to my personal blog (posts talking on statistics and cognitive psychology) [<https://fernandoblancopsy.com>]
- Author of several popularization pieces in other sources (non-exhaustive list):
 - Blanco, F. (2004). Algunas reflexiones sobre el Psicoanálisis (I). *El Boletín del Escéptico Digital*, Número 4.
 - Blanco, F. (2004). Algunas reflexiones sobre el Psicoanálisis (II). *El Boletín del Escéptico Digital*, Número 5.
 - Blanco, F. (2015). [Sensación de control: Necesidad y autoengaño. Una historia de la II Guerra Mundial](#). *Rasgo Latente*.
 - Blanco, F. (2015). [Do some paranormal beliefs develop from the experience of coincidences? Mapping Ignorance](#).
 - Blanco, F. (2016). [Positive and negative implications of the causal illusion](#). *Imperfect cognitions*.
 - Blanco, F., Moreno, M.M., Garaizar, P., & Matute, H. (2017). [Cómo la psicología experimental puede enseñarnos a no caer en el phishing](#). *Xataka*.

- Blanco, F. (2018). [Biased towards pain: the role of expectancy in impaired selective learning in fibromyalgia patients](#). *Body in Mind*.
- Blanco, F. (2018). [Por qué hay gente inteligente que cree en fantasmas y supersticiones](#). *The Conversation*.
- Blanco, F. (2019). [Por qué nunca te podrás de acuerdo con tu cuñado, según la psicología experimental](#). *Revista Contexto*.
- Twitter threads (in Spanish and English): follow the hashtag [#TuiteoMiPaper](#) (Spanish for "tweeting my paper").

On other media:

- Interviews (Radio / TV / news):
 - La SER, in the program "*Hoy por Hoy*" (interviewer: Azul Tejerina), on the topic "What experimental psychology can do to prevent phishing attacks". 11th December 2017. <http://play.cadenaser.com/audio/001RD01000004829270/>
 - *Euskal Telebista* (ETB2), in the program "*Qué me estás contando*" (interviewer: Unai Izquierdo), on the topic of paranormal beliefs. 8th March 2017. <http://www.eitb.tv/es/video/que-me-estas-contando/5625/117932/08-03-2017/>
 - *Radio 5 Todo Noticias* (RNE), program "*Cienciopolis*" (interviewer: Antonio Rial), on the topic "Depression is a brain disease". 7th December 2006.
 - Diario El Correo: "*No hay que ser tonto para creer en fenómenos paranormales*" (interviewer: Luis Alfonso Gámez). 16th July 2015. <http://www.elcorreo.com/bizkaia/sociedad/201507/16/tonto-para-creer-fenomenos-20150715212810.html>
 - Diario El Colombiano: "*Internet también tiene fantasmas*" (interviewer: Santiago Castro). 30th August 2015. <http://www.elcolombiano.com/redes-sociales/internet-tambien-tiene-fantasmas-LK2628863>
 - *CienciaXplora* (ATresMedia): "*La creencia en lo paranormal surge de un sesgo cognitivo*". 20th July 2015. http://www.cienciexplora.com/sinc/la-creencia-en-lo-paranormal-surge-de-un-sesgo-cognitivo_2015072000097.html
 - *ABC Salud*: "*Productos milagro, inocuos, pero ¿eficaces?*". 27th January 2014. <http://www.abc.es/salud/noticias/20140127/abci-dietas-milagro-201401271208.html>

Other merits

Computer skills:

- Programming offline experiments (**E-Prime**, **PsychoPy**, **Affect**) and online experiments (**JavaScript**). Experience in teaching programming for graduate students in Psychology.
- Web Design: **HTML**, **CSS**, **JavaScript**.
- Programming **Matlab** and **R**.
- Programming **BUGS** (WinBUGS/OpenBUGS/JAGS) for Bayesian inference.
- Simulation of Artificial Neural Networks: **OxLearn/Matlab**.
- Data analysis: **SPSS**, **R**, **JASP**, **Jamovi**...

Languages:

- **Spanish** (native);
- **English** (fluent; accredited C1 level);

References

Here I list some people whom I have worked with and who can provide references:

- Dr. Fernando Díez (Universidad de Deusto): fdiez@deusto.es
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