DATOS PERSONALES

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➢ SCOPUS Author ID: 7004712190   (Baca-García, Enrique)
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TITULACIÓN ACÁDEMICA

- o **Licenciado en Medicina y Cirugía**. Universidad Autónoma de Madrid. 15/7/1992.
- o Médico de Medicina General. 05/12/1994
- o **Doctor en Medicina y Cirugía**. Universidad de Alcalá 03/09/1998.
- o Médico Especialista en Psiquiatría vía MIR 21/07/1999.
- o Postdoctoral Research Fellow. Columbia University College of Physicians & Surgeons. New York. USA.
- o Adjunct Assistant Professor of Psychiatry. Columbia University College of Physicians & Surgeons. New York. USA.
- o Adjunct **Associate Professor of Psychiatry** (equivalente a **Profesor Titular**). Columbia University College of Physicians & Surgeons. New York. USA. 2008-2017.
- o **Acreditación Nacional** para acceso a los cuerpos docentes universitarios (**Profesor titular**) por la Agencia Nacional de evaluación de la calidad y acreditación (ANECA). 1/08/2008 (registro 2008/001977).
- o **Acreditación Nacional** para acceso a los cuerpos docentes universitarios (**Catedrático**) por la Agencia Nacional de evaluación de la calidad y acreditación (ANECA). 30/05/2013 (referencia 2013-001129).

SITUACIÓN LABORAL ACTUAL

- o Jefe de Departamento de Psiquiatría de la Fundación Jiménez Díaz, que incluye:
  - • Servicio de Psiquiatría Clínica de la Concepción. FJD. Madrid.
  - • Servicio de Psiquiatría del Hospital Universitario Infanta Elena. Valdemoro.
  - • Servicio de Psiquiatría del Hospital Universitario Rey Juan Carlos. Mostoles.
  - • Servicio de Psiquiatría del Hospital Universitario General de Collado Villaba.
- o Profesor Titular de Psiquiatría. Departamento de Psiquiatría. Facultad de Medicina. Universidad Autónoma de Madrid.

Resumen trayectoria docente

2000-2001	Profesor honorario: Universidad Autónoma de Madrid
2000-2001	Profesor honorario: Universidad de Alcalá
2002-2010	Tutor de residentes de Psiquiatría de la Fundación Jiménez (FJD)
2003-	Profesor asociado de Psiquiatría: Universidad Autónoma de Madrid
2007-2019	Profesor Honorario, Docente responsable de asignatura. Escuela de Enfermería de la UAM-FJD
2007-2008	Adjunct Assistant Professor of Psychiatry. Columbia University College of Physicians & Surgeons. New York. USA.
2008-2017	Adjunct Associate Professor of Psychiatry. Columbia University College of Physicians & Surgeons. New York. USA. Desde el curso 2008-2009
2010-	Director Unidad Docente Multiprofesional Psiquiatría y Salud Mental (FJD).

Resumen actividad Docente

- o   Trabajos tutelados dirigidos: 18
- o   Cursos de doctorado dirigidos: 15
- o   Tesis doctorales dirigidas y leídas: 41

Resumen trayectoria investigadora

1998-1998   Temporary Research Fellow. Neurosciences Department. Columbia University. New York (USA).

1999-2002   Becario Investigación Universidad Alcalá/NASARD: 1999-2002.

2006-2008   Postdoctoral Research Fellow. Columbia University College of Physicians & Surgeons. New York (USA).

Resumen actividad investigadora

- Participación en proyectos financiados (40)
  - »   Como becario (3): FIS, CAM
  - »   Como investigador principal (21): NARSAD, AFSP, FIS, CAM, SAF, UE
  - »   Como investigador (9): NIDA, UE, FIS, CAM
  - »   Como mentor (7): Rio Hortega, Juan de la Cierva, Marie Sklodovska Curie
- Publicaciones:
  - »   Indexadas: 224
    - o   Citaciones (ISI)   4255.   Factor h=34.
    - o   Citaciones (Scopus)   4545.   Factor h=38.
    - o   Research gate   5426.   Factor h=42.   Lecturas: 37.079
    - o   Google Scolar   7609.   Factor h=51   Indice i10:   159
  - »   Otras revistas: 16
  - »   Libros: 4
  - »   Capítulos de libros/monografías: 48
  - »   Internet: 5
- Comunicaciones en reuniones científicas
  - »   Symposium Internacionales: 40
  - »   Symposium Nacionales: 60

Distinciones

- "AEP Research Prizes" primer premio de la Asociation of Eurpean Psychiatrist en la categoría "Clinical psychopathology and refinement of psychiatric diagnostic categories".2008.
- Special Presidential Commendation from the American Psychiatric Association in recognition of your outstanding leadership and contributions to clinical and biological suicide research and mentorship with an international reach. Enrique Baca García. 2017 APA Annual Meeting in San Diego, CA, May 22, San Diego Convention Center.

Lista de publicaciones completa

MyBibliography:
https://www.ncbi.nlm.nih.gov/sites/myncbi/13Jfzz6y2bQr/bibliography/50752562/public/?sort=date&direction=ascending

Google Scholar:
https://scholar.google.com/citations?view_op=list_works&hl=es&user=VnF6pvoAAAAJ&cstart=20&pagesize=20

ORCID ID: http://orcid.org/0000-0002-6963-6555

ResearcherID: http://www.researcherid.com/rid/F-4106-2015

Research Gate: https://www.researchgate.net/profile/Enrique_Baca-Garcia

Contribuciones

Neurobiology of Suicidal Behavior: Dr. Baca is internationally known for his studies on biological markers of suicide attempts ranging from female sexual hormones to lipids and genetic factors.

1. Oquendo, MA; Sullivan, G; Sudol, K; **Baca-Garcia, E**; Stanley, B; Sublette, E; Mann, JJ. Toward a biosignature for suicide. American Journal of Psychiatry. 2014; 171(12):1259-77. PMID: 25263730

2. Blasco-Fontecilla H, Alegria AA, Lopez-Castroman J, Legido-Gil T, Saiz-Ruiz J, de Leon J, **Baca-Garcia E**. Short self-reported sleep duration and suicidal behavior: a cross-sectional study.J Affect Disord. 2011 Sep;133(1-2):239-46. PMID: 21546092

3. **Baca-Garcia E**, Diaz-Sastre C, Ceverino A, Perez-Rodriguez MM, Navarro-Jimenez R, Lopez-Castroman J, Saiz-Ruiz J, de Leon J, Oquendo MA. Suicide attempts among women during low estradiol/low progesterone states.J Psychiatr Res. 2010 Mar;44(4):209-14. PMID: 19782376

4. **Baca-Garcia E**, Vaquero-Lorenzo C, Perez-Rodriguez MM, Gratacòs M, Bayés M, Santiago-Mozos R, Leiva-Murillo JM, de Prado-Cumplido M, Artes-Rodriguez A, Ceverino A, Diaz-Sastre C, Fernandez-Navarro P, Costas J, Fernandez-Piqueras J, Diaz-Hernandez M, de Leon J, Baca-Baldomero E, Saiz-Ruiz J, Mann JJ, Parsey RV, Carracedo A, Estivill X, Oquendo MA. Nucleotide variation in central nervous system genes among male suicide attempters. Am J Med Genet B Neuropsychiatr Genet. 2010 Jan 5;153B(1):208-13. PMID: 19455598

5. de Leon J, **Baca-García E**, Blasco-Fontecilla H.From the serotonin model of suicide to a mental pain model of suicide. Psychother Psychosom. 2015;84(6):323-9. doi: 10.1159/000438510.PMID: 26398763

Ground-breaking conceptual paradigm shifts in Suicidal Behavior: Dr. Baca-Garcia has elucidated the paradoxical relationship between impulsivity and suicide behavior. His work has dissected the suicide process, suggesting that transitions from suicide ideation to suicide are not lineal. He has proposed that Suicidal Behavior should be its own diagnostic category in 2008. He has described trends in suicide attempts in the largest nationally representative US samples to date. He has analyzed in depth the epidemiology of suicidal behavior among Hispanics living in the US and uncovered the effects of acculturation on suicide behavior.

1. Oquendo, MA; **Baca-Garcia, E**. Suicidal behavior disorder as a diagnostic entity in the DSM-5 classification system: advantages outweigh limitations. World Psychiatry. 2014;13(2):128-130. PMID: 24890057

2. **Baca-Garcia E**, Perez-Rodriguez MM, Oquendo MA, Keyes KM, Hasin DS, Grant

BF, Blanco C. Estimating risk for suicide attempt: are we asking the right questions? Passive suicidal ideation as a marker for suicidal behavior.J Affect Disord. 2011 Nov;134(1-3):327-32. PMID: 21784532

3. Oquendo, MA; **Baca-Garcia, E**; Mann, JJ; Giner, J. Issues for DSM-V: suicidal behavior as a separate diagnosis on a separate axis. American Journal of Psychiatry. 2008; 165(11):1383-1384. PMID: 18981069

4. **Baca-Garcia E**, Diaz-Sastre C, García Resa E, Blasco H, Braquehais Conesa D, Oquendo MA, Saiz-Ruiz J, de Leon J. Suicide attempts and impulsivity. Eur Arch Psychiatry Clin Neurosci. 2005 Apr;255(2):152-6. PMID: 15549343

5. **Baca-Garcia E**, Perez-Rodriguez MM, Keyes KM, Oquendo MA, Hasin DS, Grant BF, Blanco C. Suicidal ideation and suicide attempts in the United States: 1991-1992 and 2001-2002. Mol Psychiatry. 2010 Mar;15(3):250-9. PMID: 18779820

Use of data mining in Psychiatry research: Dr. Baca-García has introduced data mining in the study of suicide behavior. He has applied these novel techniques to prediction of suicide behavior, including algorithms to improve clinical decisions and predict the evolution of psychiatric disorders.

1. Leiva-Murillo JM, López-Castromán J, **Baca-García E**; EURECA Consortium. Characterization of suicidal behaviour with self-organizing maps.Comput Math Methods Med. 2013;2013:136743. PMID: 23864904

2. Oquendo MA, **Baca-Garcia E**, Artés-Rodríguez A, Perez-Cruz F, Galfalvy HC, Blasco-Fontecilla H, Madigan D, Duan N. Machine learning and data mining: strategies for hypothesis generation.Mol Psychiatry. 2012 Oct;17(10):956-9. PMID: 22230882

3. Lopez-Castroman J, Perez-Rodriguez Mde L, Jaussent I, Alegria AA, Artes-Rodriguez A, Freed P, Guillaume S, Jollant F, Leiva-Murillo JM, Malafosse A, Oquendo MA, de Prado-Cumplido M, Saiz-Ruiz J, **Baca-Garcia E**, Courtet P; European Research Consortium for Suicide (EURECA). Distinguishing the relevant features of frequent suicide attempters. J Psychiatr Res. 2011 May;45(5):619-25. PMID: 21055768

4. **Baca-Garcia E**, Perez-Rodriguez MM, Basurte-Villamor I, López-Castromán J, Fernandez del Moral AL, Jimenez-Arriero MA, Gronzalez de Rivera JL, Saiz-Ruiz J, Leiva-Murillo JM, de Prado-Cumplido M, Santiago-Mozos R, Artés-Rodríguez A, Oquendo MA, de Leon J. Diagnostic stability and evolution of bipolar disorder in clinical practice: a prospective cohort study. Acta Psychiatr Scand. 2007 Jun;115(6):473-80. PMID: 17498159

5. **Baca-García E**, Perez-Rodriguez MM, Basurte-Villamor I, Saiz-Ruiz J, Leiva-Murillo JM, de Prado-Cumplido M, Santiago-Mozos R, Artés-Rodríguez A, de Leon J. Using data mining to explore complex clinical decisions: A study of hospitalization after a suicide attempt. J Clin Psychiatry. 2006 Jul;67(7):1124-32. PMID: 16889457

Psychometry: Dr. Baca has adapted several instruments from English to Spanish. In addition, he has generated new instruments derived from psychopathological scales, improving their psychometric properties. Finally, he has developed computer-assisted assessment tools.

1. Blasco-Fontecilla H, Delgado-Gomez D, Ruiz-Hernandez D, Aguado D, **Baca-Garcia E**, Lopez-Castroman J.Combining scales to assess suicide risk. J Psychiatr Res. 2012 Oct;46(10):1272-7. PMID: 22795298

2. Delgado-Gomez D, Blasco-Fontecilla H, Alegria AA, Legido-Gil T, Artes-Rodriguez A, **Baca-Garcia E**. Improving the accuracy of suicide attempter classification. Artif Intell Med. 2011 Jul;52(3):165-8. PMID: 21696929

3. **Baca-Garcia E**, Perez-Rodriguez MM, Basurte-Villamor I, Fernandez del Moral AL, Jimenez-Arriero MA, Gonzalez de Rivera JL, Saiz-Ruiz J, Oquendo MA. Diagnostic stability of psychiatric disorders in clinical practice. Br J Psychiatry. 2007 Mar;190:210-6. PMID: 17329740

4. Oquendo MA, **Baca-Garcia E**, Kartachov A, Khait V, Campbell CE, Richards M, Sackeim HA, Prudic J, Mann JJ. A computer algorithm for calculating the adequacy of antidepressant treatment in unipolar and bipolar depression.J Clin Psychiatry. 2003 Jul;64(7):825-33. PMID: 12934985

5. Oquendo MA, **Baca-Garcia E**, Graver R, Morales M, Montalvan V, Mann JJ. Spanish adaptation of the Barratt Impulsiveness Scale (BIS-11). European Journal of Psychiatry 2001; 13 (3): Pages 147-15

m-health: Dr. Baca has developed mobile-health computer-assisted assessment tools that use sophisticated classification algorithms to improve patient outcomes. He also has expertise in mobile-health-assisted psychotherapy (including sms and apps).

1. Delgado-Gomez D, **Baca-Garcia E**, Aguado D, Courtet P, Lopez-Castroman J. Computerized Adaptive Test vs. decision trees: Development of a support decision system to identify suicidal behavior. J Affect Disord. 2016 Jul 19;206:204-209. doi: 10.1016/j.jad.2016.07.032. PMID: 27475891

2. Berrouiguet S, **Baca-García E**, Brandt S, Walter M, Courtet P. Fundamentals for Future Mobile-Health (mHealth): A Systematic Review of Mobile Phone and Web-Based Text Messaging in Mental Health. J Med Internet Res. 2016 Jun 10;18(6):e135. doi: 10.2196/jmir.5066. PMID: 27287668

3. Berrouiguet S, Alavi Z, Vaiva G, Courtet P, **Baca-García** E, Vidailhet P, Gravey M, Guillodo E, Brandt S, Walter M. SIAM (Suicide intervention assisted by messages): the development of a post-acute crisis text messaging outreach for suicide prevention. BMC Psychiatry. 2014 Nov 18;14:294. doi: 10.1186/s12888-014-0294-8. PMID: 25404215

4. Lopez-Castroman J, **Baca-Garcia E**, Woreca Authors, Courtet P, Oquendo MA. A Cross-National Tool for Assessing and Studying Suicidal Behaviors.Arch Suicide Res. 2015;19(3):335-49. doi: 10.1080/13811118.2014.981624. Epub 2014 Dec 20.PMID: 25529607

5. Berrouiguet S, Barrigón ML, Brandt SA, Ovejero-García S, Álvarez-García R, Carballo JJ, Lenca P, Courtet P; MEmind Study Group., Baca-García E. Development of a Web-Based Clinical Decision Support System for Drug Prescription: Non-Interventional Naturalistic Description of the Antipsychotic Prescription Patterns in 4345 Outpatients and Future Applications. PLoS One. 2016 Oct 20;11(10):e0163796. doi: 10.1371/journal.pone.0163796. PubMed PMID: 27764107; PubMed Central PMCID: PMC5072715.