

CURRICULUM VITAE

April 2022

Name: Salvador Martín GUINJOAN

Date of Birth: July 5, 1968

Birthplace: Buenos Aires, Argentina

Citizenship: Argentina, Spain

Marital status: Married

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Education & Professional Accreditation

M.D. University of Buenos Aires School of Medicine, Buenos Aires, Argentina. March 1992.

Ph.D. University of Buenos Aires, Dept. of Physiology. December 1997. Dissertation: Autonomic Dysfunction in Mood Disorders.

Diplomate in Psychiatry American Board of Psychiatry & Neurology. May 2000.

- License no. D54289. Board of Physician Quality Assurance of the State of Maryland (1/6/1999-active). M.D. license, unrestricted.
- License no. 35577. Oklahoma Board of Medical Licensure and Supervision (30/3/2020-active). M.D. license, unrestricted.
- DEA Registration Number FG9865657 (12/02/2020-active).
- Diplomate in the Specialty of Psychiatry, American Board of Psychiatry and Neurology. Certificate no. 48005 (5/3/2000-recertified 12/15/2020).
- Medical License no. 85559. Ministry of Health of the Argentine Republic (11/10/1992-active).

Postgraduate Specialty Training

Resident Psychiatrist, The Sheppard and Enoch Pratt Hospital, Baltimore, Maryland 7/1/95-6/30/99.

Chief Resident Psychiatrist. University of Maryland - Sheppard Pratt Psychiatry Residency Program (Sheppard Pratt rotations), Baltimore, Maryland. 7/1/98-6/30/99.

Chief Resident Psychiatrist. University of Buenos Aires School of Medicine, “Jose de San Martin” Teaching Hospital, Buenos Aires, Argentina. 6/1/2001-5/30/2002

Current Positions

Principal Investigator

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Clinical Associate Professor

Department of Psychiatry

The University of Oklahoma College of Medicine

School of Community Medicine, Tulsa, Oklahoma

Principal Investigator (Health), National Council of Scientific and Technological Research (CONICET), Argentina

Member, National Committee on Ethics for Science and Technology (CECTE), Argentine Government

Previous Employment

- University of Buenos Aires School of Medicine, “Jose de San Martin” Teaching Hospital, Argentina, Staff Psychiatrist (06/01/2002-08/01/2005)
- Associate Professor of Psychiatry, University of Buenos Aires School of Medicine, Argentina (2010-).
- Associate Professor of Neurophysiology, University of Buenos Aires School of Psychology, Argentina (2008-).
- Assistant Professor of Physiology, University of Buenos Aires School of Medicine (1999-2005).
- Doctoral Research Fellow, National Council of Scientific and Technological Research (CONICET), Argentina (1992-1995).
- Teaching Assistant of Physiology, University of Buenos Aires School of Medicine (1991-1995).
- Fleni Foundation, Argentina, Chief of Psychiatry (1/1/2015-9/12/2020)
- Fleni Foundation, Argentina, Staff Psychiatrist (5/1/2002-12/30/2014)

Professional Society Membership

American Psychiatric Association (7/1995-present)

General Members are practicing psychiatrists who have completed an acceptable residency training program in psychiatry, and hold either a valid license to practice medicine or an

academic, research, or governmental position that does not require licensure (<https://www.psychiatry.org/join-apa/general-members>).

American College of Psychiatrists (2/2011-present)

Membership in The College is limited to psychiatrists who have demonstrated outstanding competence in the field of psychiatry, and who have achieved national recognition in one of the following fields: clinical practice, research, academic leadership, and teaching. New Members must be sponsored by Fellows or Members of The College who are personally familiar with their work and career (<https://www.acpsych.org/membership>).

Association of Argentine Psychiatrists (11/2000-present)

Members are psychiatrists licensed to practice in Argentina

Articles in Peer-Reviewed, Indexed International Scientific Journals (last 5 years)

Park H, Kirlic N, Kuplicki R, Tulsa 1000 Investigators, Paulus M, **Guinjoan SM** (2022): Neural processing dysfunctions during fear learning but not reward-related processing characterize depressed individuals with high levels of repetitive negative thinking. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, in press.

Burrows K, DeVille DC, Cosgrove KT, Kuplicki RT, **Tulsa 1000 Investigators**, Paulus MP, Aupperle R, Khalsa SS, Stewart JL (2022): Impact of serotonergic medication on interoception in major depressive disorder. *Biological Psychology* 169:108286.

Czepielewski LS, Alliende LM, Castañeda CP, Castro M, **Guinjoan SM**, Massuda R, Berberian AA, Fonseca AO, Gadelha A, Bressan R, Crivelaro M, Louzã M, Undurraga J, González-Valderrama A, Nachar R, Nieto RR, Montes C, Silva H, Langer ÁI, Schmidt C, Mayol-Troncoso R, Díaz-Zuluaga AM, Valencia-Echeverry J, López-Jaramillo C, Solís-Vivanco R, Reyes-Madriral F, de la Fuente-Sandoval C, Crossley NA, Gama CS (2022): Effects of socioeconomic status in cognition of people with schizophrenia: results from a Latin American collaboration network with 1175 subjects. *Psychological Medicine*, in press. doi: 10.1017/S0033291721002403.

Wainsztein AE, Castro MN, Goldberg X, Camacho-Téllez V, Vulcano M, Abulafia C, Ladrón-de-Guevara S, Cardoner N, Nemeroff CB, Menchón JM, Soriano-Mas C, Villarreal MF, **Guinjoan SM** (2021): Childhood adversity modulation of central autonomic network components during cognitive regulation of emotion in major depressive disorder and borderline personality disorder. *Psychiatry Research: Neuroimaging*. 318:111394.

De la Peña-Arteaga V, Berruga-Sánchez M, Steward T, Martínez-Zalacaín I, Goldberg X, Wainsztein A, Abulafia C, Cardoner N, Castro MN, Villarreal M, Menchón JM, **Guinjoan SM**, Soriano-Mas C (2021): An fMRI study of cognitive reappraisal in major depressive disorder and borderline personality disorder. *European Psychiatry* 64(1):e56.

Duarte-Abritta B, Sanchez SM, Abulafia C, Gustafson DR, Vazquez S, Sevlever G, Castro MN, Fiorentini L, Villarreal MF, **Guinjoan SM** (2021): Amyloid and anatomical correlates of executive functioning in middle-aged offspring of patients with late-onset Alzheimer's disease. *Psychiatry Research: Neuroimaging*, 316:111342.

Guinjoan SM, Bär KJ, Camprodon JA (2021): Cognitive effects of rapid-acting treatments for resistant depression: Just adverse, or contributing to clinical efficacy? *Journal of Psychiatric Research*, 140: 512-521.

Spechler PA, Stewart JL, Kuplicki R; **Tulsa 1000 Investigators**, Paulus MP (2021): COVID-19 vaccine willingness and cannabis use histories. *medRxiv* 2021.04.26.21256109. doi: 10.1101/2021.04.26.21256109.

Villarreal MF, Wainsztein AE, Mercè RÁ, Goldberg X, Castro MN, Brusco LI, de Guevara SL, Bodurka J, Paulus M, Menchón JM, Soriano-Mas C, **Guinjoan SM** (2021): Distinct Neural Processing of Acute Stress in Major Depression and Borderline Personality Disorder. *Journal of Affective Disorders* 286: 123-133.

Chandler JA, Cabrera LY, Doshi P, Fecteau S, Fins JJ, **Guinjoan SM**, Hamani C, Herrera-Ferrá K, Honey CM, Illes J, Kopell BH, Lipsman N, McDonald PJ, Mayberg HS, Nadler R, Nuttin B, Oliveira-Maia AJ, Rangel C, Ribeiro R, Salles A, Wu H (2021): International Legal Approaches to Neurosurgery for Psychiatric Disorders. *Frontiers in Human Neuroscience* 14:588458. doi: 10.3389/fnhum.2020.588458.

Burrows K, Stewart JL, Kuplicki R, Figueroa-Hall L, Spechler PA, Zheng H, **Guinjoan SM**, Savitz JB, Kent Teague T, Paulus MP (2021): Elevated peripheral inflammation is associated with attenuated striatal reward anticipation in major depressive disorder. *Brain Behavior & Immunity* 93:214-225.

Crossley NA, Zugman A, Reyes-Madrigal F, Czepielewski LS, Castro MN, Díaz-Zuluaga AM, Pineda-Zapata JA, Reckziegel R, Gadelha A, Jackowski A, Noto C, Alliende LM, Iruretagoyena B, Ossandon T, Ramírez-Mahaluf JP, Castañeda CP, González-Valderrama A, Nachar R, León-Ortiz P, Undurraga J, López-Jaramillo C, **Guinjoan SM**, Gama CS, de la Fuente-Sandoval C, Bressan RA, for the ANDES Network (2021): Structural brain abnormalities in schizophrenia in adverse environments: examining the effect of poverty and violence in six Latin American cities. *British Journal of Psychiatry*. 218(2):112-118.

Drucaroff LJ, Fazzito ML, Castro MN, Nemeroff CB, **Guinjoan SM**, Villarreal MF (2020): Insular functional alterations in emotional processing of schizophrenia patients revealed by Multivariate Pattern Analysis fMRI. *Journal of Psychiatric Research* 130:128-136.

del Cerro I, Villarreal M, Abulafia C, Duarte-Abritta B, Sánchez SM, Castro MN, Bocaccio H, Ferrer I, Menchón JM, Sevlever G, Nemeroff CB, Soriano-Mas C, **Guinjoan SM** (2020): Disrupted functional connectivity of the locus coeruleus in healthy adults with parental history of Alzheimer's Disease. *Journal of Psychiatric Research*, 123:81-88.

Sánchez SM, Duarte-Abritta B, Abulafia C, De Pino G, Bocaccio H, Castro MN, Sevlever GE, Fonzo GA, Nemeroff CB, Gustafson DR, **Guinjoan SM**, Villarreal MF (2020): White matter fiber density abnormalities in cognitively normal adults at risk for late-onset Alzheimer's disease. *Journal of Psychiatric Research*, 122:79-87.

Axelrud LK, Sato JR, Santoro ML; Talarico F, Daniel S Pine, Rohde LA, Zugman A, Junior EA, Bressan RA, Grassi-Oliveira R; Pan PM; Hoffmann M, Simioni AR, **Guinjoan SM**, Hakonarson H, Brietzke E, Gadelha A, da Silva RP, Hoexter MQ, Miguel EC, Belangero SI, Salum GA (2019): Genetic Risk for Alzheimer's Disease and Functional Brain Connectivity in Children and Adolescents. *Neurobiology of Aging*, 82: 10-17.

Abulafia C, Fiorentini L, Loewenstein DA, Curiel-Cid R, Sevlever G, Nemeroff CB, Villarreal MF, Vigo DE, **Guinjoan SM** (2019): Executive functioning in cognitively normal middle-aged offspring of late-onset Alzheimer's disease patients. *Journal of Psychiatric Research* 112:23-29.

Crossley NA, Alliende LM, Ossandon T, Castañeda CP, González-Valderrama A, Undurraga J, Castro M, **Guinjoan SM**, Díaz-Zuluaga AM, Pineda-Zapata JA, López-Jaramillo C, Reyes-Madrigal F, León-Ortíz P, de la Fuente-Sandoval C, Czepielewski LS, Gama CS, Zugman A, Gadelha A, Jackowski A, Bressan R (2019): Imaging Social and Environmental Factors as Modulators of Brain Dysfunction: Time to Focus on Developing Non-Western Societies. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 4:8-15.

Loewenstein DA, Curiel Cid R, DeKosky S, Bauer RM, Rosselli M, **Guinjoan SM**, Adjouadi M, Barker WW, Goenaga S, Golde T, Greig-Custo MT, Hanson KS, Li C, Lizarraga G, Marsiske M, Peñate A, Duara R (2018): Utilizing Semantic Intrusions to Identify Amyloid Positivity in Mild Cognitive Impairment. *Neurology*, 91(10):e976-e984.

Duarte-Abritta B, Villarreal MF, Abulafia C, Loewenstein D, Curiel R, Castro M, Surace E, Sánchez SM, Vigo DE, Vázquez S, Nemeroff CB, Sevlever G, **Guinjoan SM** (2018): Cortical Thickness, Brain Metabolic Activity, and In Vivo Amyloid Deposition in Asymptomatic, Middle-Aged Offspring of Patients with Late-Onset Alzheimer's Disease. *Journal of Psychiatric Research*, 107:11-18.

Sánchez SM, Abulafia C, Duarte-Abritta B, de Guevara MSL, Castro MN, Drucaroff L, Sevlever G, Nemeroff CB, Vigo DE, Loewenstein DA, Villarreal MF, **Guinjoan SM** (2017): Failure to Recover from Proactive Semantic Interference and Abnormal Limbic Connectivity in Asymptomatic, Middle-Aged Offspring of Patients with Late-Onset Alzheimer's Disease. *Journal of Alzheimer's Disease* 60(3):1183-1193.

Abulafia C, Duarte-Abritta B, Villarreal MF, Ladrón-de-Guevara MS, García C, Sequeyra G, Sevlever G, Fiorentini L, Bär KJ, Gustafson DR, Vigo DE, **Guinjoan SM** (2017): Relationship between Cognitive and Sleep-wake Variables in Asymptomatic Offspring of Patients with Late-onset Alzheimer's Disease. *Frontiers in Aging Neuroscience*. 9:93. doi: 10.3389/fnagi.2017.00093. eCollection 2017.

Guinjoan SM (2016): Endophenotypes in psychiatry. *Vertex* 28:393-396.

Russo MJ, Cohen G, Chrem Mendez P, Campos J, Nahas FE, Surace EI, Vazquez S, Gustafson D, **Guinjoan SM**, Allegri RF, Sevlever G (2016): Predicting episodic memory

performance using different biomarkers: results from Argentina-Alzheimer's Disease Neuroimaging Initiative. *Neuropsychiatric Disease and Treatment* 13: 2199-2206.

Drucaroff LJ, Costanzo EY, Castro MN, Wainsztein AE, Ortiz Villafañe M, Abulafia C, Duarte Abritta B, Villarreal MF, **Guinjoan SM** (2016): Hemispheric specialization in mood processing is abnormal in patients with schizophrenia. *Schizophrenia Research*, 176:452-453.

Fernández G, **Guinjoan SM**, Sapognikoff M, Orozco D, Agamennoni O (2016): Contextual predictability enhances reading performance in patients with schizophrenia. *Psychiatry Research* 241:333-339.

Fernández G, Sapognikoff M, **Guinjoan SM**, Orozco D, Agamennoni O (2016): Word processing during reading sentences in patients with schizophrenia: evidences from the eyetracking technique. *Comprehensive Psychiatry* 68:193-200.

Awards

Honor Diploma, University of Buenos Aires School of Medicine (1992).

"Wendell A. Muncie" award of the Maryland Psychiatric Society and the Maryland Association of Private Practice Psychiatrists. "Cardiovascular disease and depression: should screening of depression be recommended in clinical practice?" Baltimore, Maryland (1996).

"Faculty of Medical Sciences" Award to PhD dissertation. University of Buenos Aires School of Medicine (1997).

"Clarence G. Shultz" prize, Sheppard Pratt Scientific Day "The use of metaphors by severely disturbed patients in psychotherapy" Towson, Maryland (1998).

"1999 Resident of the Year" award, Pfizer Laboratories, Washington DC (1999).

Mentoring of Human Resources in Research

Direction of Researchers (CONICET, Argentina)

Soledad Ladrón de Guevara, Ph.D.

Leticia Fiorentini, Ph.D.

Carla Pallavicini, Ph.D.

Direction of post-doctoral students

Stella Maris Sanchez, Ph.D (Laureate Institute for Brain Research)

Direction of PhD students (completed dissertations)

Soledad Ladron de Guevara (University of Buenos Aires School of Medicine)

Delfina de Achával (UBA School of Medicine)

Mariana N. Castro (UBA School of Medicine)

Lucas Drucaroff (UBA School of Medicine)

Carolina Abulafia (co-director, Argentine Catholic University)

Barbara Duarte-Abritta (UBA School of Medicine)