

CURRICULUM VITAE

January 2024

Name: Salvador Martín GUINJOAN

Date of Birth: July 5, 1968

Birthplace: Buenos Aires, Argentina

Citizenship: Argentina and Spain

US immigrant status: Permanent Resident

Marital status: Married

Office Address: Laureate Institute for Brain Research
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SMGuinjoan@saintfrancis.com; Salvador-Guinjoan@ouhsc.edu

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

- 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, active).
- 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 inpatient 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
Laureate Institute for Brain Research
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(October 2020-current)

Clinical Associate Professor
Department of Psychiatry
The University of Oklahoma College of Medicine
School of Community Medicine, Tulsa, Oklahoma
(December 2020-current)

Staff Psychiatrist, Laureate Psychiatric Hospital and Clinic, Saint Francis Health System, Tulsa, Oklahoma
(August 2022-current)

Member, National Committee on Ethics for Science and Technology (CECTE), Argentine Government (honorary)
(November 2019-current)

Previous Employment

- Associate Professor of Psychiatry in charge of Fleni Foundation Teaching Unit, University of Buenos Aires School of Medicine, Argentina (June 2010-September 2021).
- Associate Professor of Neurophysiology, University of Buenos Aires School of Psychology, Argentina (August 2008-September 2021).
- Principal Investigator, National Council of Scientific and Technological Research (CONICET), Argentina (March 2008-September 2021).
- Fleni Foundation, Argentina, Chief of Psychiatry (January 2015- September 2020)
- Fleni Foundation, Argentina, Staff Psychiatrist (May 2002 – December 2014)
- Fleni Foundation, Interim Chief of Cognitive Neurology (August 2007-August 2009).

- University of Buenos Aires School of Medicine, “Jose de San Martin” Teaching Hospital, Argentina, Staff Psychiatrist (June 2002-August 2005)
- Assistant Professor of Physiology, University of Buenos Aires School of Medicine (July 1999-August 2005).
- Doctoral Research Fellow, National Council of Scientific and Technological Research (CONICET), Argentina (July 1992-July 1995).
- Teaching Assistant of Physiology, University of Buenos Aires School of Medicine (March 1991-July 1995).

Professional Society Membership

American Psychiatric Association (7/1995-present)
 American College of Psychiatrists (2/2011-present)
 Association of Argentine Psychiatrists (11/2000-present)

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

Tsuchiyagaito A, Misaki M, Cochran G, Philip NS, Paulus MP, **Guinjoan SM** (2023): Thalamo-cortical circuits associated with trait- and state-repetitive negative thinking in major depressive disorder. *Journal of Psychiatric Research*, 168: 184-192.

Sanchez SM, Tsuchiyagaito A, Kuplicki R, Park H, Postolski I, Rohan M, Paulus MP, **Guinjoan SM** (2023): Repetitive negative thinking-specific and -nonspecific white matter tracts engaged by historical psychosurgical targets for depression. *Biological Psychiatry* 94(8): 661-671.

Forthman KL, Kuplicki R, Yeh HW, Khalsa SS, Paulus MP, **Guinjoan SM** (2023): Transdiagnostic behavioral and genetic contributors to repetitive negative thinking: a machine learning approach. *Journal of Psychiatric Research*, 1672: 207-213.

Tsuchiyagaito A, Sanchez SS, Misaki M, Kuplicki R, Park H, Paulus MP, **Guinjoan SM** (2022): Intensity of repetitive negative thinking in depression is associated to greater functional connectivity between semantic processing and emotion regulation areas. *Psychological Medicine*, 53(12): 5488-5499.

Tsuchiyagaito A, Misaki M, Kirlic N, Yu X, Sánchez SM, Cochran G, Stewart JL, Smith R, Fitzgerald KD, Rohan ML, Paulus MP, **Guinjoan SM** (2023): Real-time fMRI functional connectivity neurofeedback reducing repetitive negative thinking in depression: a double-blind, randomized, sham-controlled proof-of-concept trial. *Psychotherapy and Psychosomatics* 92(2): 87-100.

Castro MN, Bocaccio H, De Pino G, Sanchez SM, Wainsztein AE, Drucaroff L, Costanzo EY, Crossley NA, Villarreal MF, **Guinjoan SM** (2023): Abnormal brain network community structure related to psychological stress in schizophrenia. *Schizophrenia Research* 254: 42-53.

Guinjoan SM (2023): Personalized definition of surgical targets in major depression and obsessive-compulsive disorder: a potential role for low-intensity focused ultrasound? *Personalized Medicine in Psychiatry*, 38:100100.

Castelli P, **Guinjoan SM**, Wajnerman-Paz A, Salles A (2023): Neuroethics and cultural context: the case of electroconvulsive therapy in Argentina. *Developing World Bioethics*, in press.

Taylor S, Lavalley CA, Hakimi N, Stewart JL, Ironside M, Zheng H, White E, **Guinjoan S**, Paulus MP, Smith R (2023): Active learning impairments in substance use disorders when resolving the explore-exploit dilemma: A replication and extension of previous computational modeling results. *Drug and Alcohol Dependence* 252: 110945.

Misaki M, Tsuchiyagaito A, **Guinjoan SM**, Rohan ML, Paulus MP (2023): Trait repetitive negative thinking in depression is associated with functional connectivity in negative thinking state rather than resting state. *Journal of Affective Disorders* 340: 843-854.

Zugman A, Alliende LM, Medel V, Bethlehem RAI, Seidlitz J, Ringlein G, Arango C, Arnatkevičiūtė A, Asmal L, Bellgrove M, Benegal V, Bernardo M, Billeke P, Bosch-Bayard J, Bressan R, Busatto GF, Castro MN, Chaim-Avancini T, Compote A, Costanzi M, Czepielewski L, Dazzan P, de la Fuente-Sandoval C, Di Forti M, Díaz-Caneja CM, María Díaz-Zuluaga A, Du Plessis S, Duran FLS, Fittipaldi S, Fornito A, Freimer NB, Gadelha A, Gama CS, Garani R, Garcia-Rizo C, Gonzalez Campo C, Gonzalez-Valderrama A, **Guinjoan S**, Holla B, Ibañez A, Ivanovic D, Jackowski A, Leon-Ortiz P, Lochner C, López-Jaramillo C, Luckhoff H, Massuda R, McGuire P, Miyata J, Mizrahi R, Murray R, Ozerdem A, Pan PM, Parellada M, Phahladira L, Ramirez-Mahaluf JP, Reckziegel R, Reis Marques T, Reyes-Madrigal F, Roos A, Rosa P, Salum G, Scheffler F, Schumann G, Serpa M, Stein DJ, Tepper A, Tiego J, Ueno T, Undurraga J, Undurraga EA, Valdes-Sosa P, Valli I, Villarreal M, Winton-Brown TT, Yalin N, Zamorano F, Zanetti MV; cVEDA; Winkler AM, Pine DS, Evans-Lacko S, Crossley NA (2023): Country-level gender inequality is associated with structural differences in the brains of women and men. *Proceedings of the National Academy of Sciences of the United States of America* 120(20):e2218782120.

Fiorito AM, Aleman A, Blasi G, Bourque J, Cao H, Chan RCK, Chowdury A, Conrod P, Diwadkar VA, Goghari VM, **Guinjoan S**, Gur RE, Gur RC, Kwon JS, Lieslehto J, Lukow PB, Meyer-Lindenberg A, Modinos G, Quarto T, Spilka MJ, Shivakumar V, Venkatasubramanian G, Villarreal M, Wang Y, Wolf DH, Yun J-Y, Fakra E, Sescousse G (2023): Are brain responses to emotion a reliable endophenotype of schizophrenia? An image-based fMRI metaanalysis, *Biological Psychiatry*, 93(2): 167-177.

Abulafia C, Vidal MF, Olivar N, Odzak A, Brusco I, **Guinjoan SM**, Cardinali DP, Vigo DE (2023): An exploratory study of sleep-wake differences of autonomic activity in patients with mild cognitive impairment: the role of melatonin as a modulating factor. *Clinical Interventions in Aging* 18:771-781.

Park H, Forthman KL, Kuplicki R, Victor TA, Yeh HW, Thompson WK, Howlett JR, **Guinjoan S**, Paulus MP (2023): Polygenic risk for neuroticism is associated with less

efficient control in more difficult situations. *Psychiatry Research: Neuroimaging* 335: 111716.

Taylor S, Lavalley CA, Hakimi N, Stewart JL, Ironside M, Zheng H, White Ek, **Guinjoan S**, Paulus MP, Smith R (2023): Active learning impairments in substance use disorders when resolving the explore-exploit dilemma: a replication and extension of previous computational model results. *Drug and Alcohol Dependence* 252: 110945.

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* 7(7): 716-724.

Park H, Sanchez SM, Kuplicki R, Tsuchiyagaito A, Khalsa SS, Paulus MP, **Guinjoan SM** (2022): Attenuated interoceptive processing in individuals with major depressive disorder and high repetitive negative thinking. *Journal of Psychiatric Research* 156: 237-244.

Smith R, Taylor S, Stewart JL, **Guinjoan SM**, Ironside M, Kirlic N, Ekhtiari H, White EJ, Zheng H, Kuplicki R, Tulsa 1000 Investigators, Paulus MP (2022): Slower learning rates from negative outcomes in substance use disorder over a 1-year period and their potential predictive utility. *Computational Psychiatry* 6(1): 117-141.

Cardenas GE, White EJ, Kirlic N; T1000 investigators, Paulus MP, **Guinjoan SM** (2022): Repetitive negative thinking is associated with impaired verbal learning but not executive functioning in individuals with eating disorders. *Personalized Medicine in Psychiatry* Mar-Apr;31-32:100090.

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* 52(11): 2177-2188. doi: 10.1017/S0033291721002403.

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.

Fernandez G, Gonzalez AP, Abulafia C, Fiorentini L, Agamennoni O, **Guinjoan SM** (2022): Oculomotor abnormalities during reading in offspring of late-onset Alzheimer's disease. *Current Alzheimer Research* 19(3): 212-222.

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.

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.

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.

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 Allende LM, Iruetagoiena 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.

Wainsztein AE, Abulafia C, Goldberg X, Camacho-Téllez V, Vulcano M, Vigo DE, Menchón J, Soriano-Mas C, Nemeroff CB, **Guinjoan SM**, Castro MN (2020). Diurnal variation of heart rate variability as a physiological index of mood and emotion regulation processes in Major Depression and Borderline Personality Disorder. *Personalized Medicine in Psychiatry* 23–24: 100065.

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.

Abulafia C, Loewenstein D, Curiel-Cid R, Duarte-Abritta B, Sánchez SM, Vigo DE, Castro MN, Drucaroff LJ, Vázquez S, Sevlever G, Nemeroff CB, **Guinjoan SM**, Villarreal MF (2019): Brain structural and amyloid correlates of recovery from semantic interference in cognitively normal individuals with or without family history of late-onset Alzheimer's disease. *Journal of Neuropsychiatry and Clinical Neurosciences* 31(1): 25-36.

Crossley NA, Allende LM, Ossandon T, Castañeda CP, González-Valderrama A, Undurraga J, Castro M, **Guinjoan SM**, Díaz-Zuluaga AM, Pineda-Zapata JA, López-Jaramillo C, Reyes-Madriral 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.

Méndez PC, Calandri I, Nahas F, Russo MJ, Demey I, Martín ME, Clarens MF, Harris P, Tapajoz F, Campos J, Surace EI, Martinetto H, Ventrice F, Cohen G, Vázquez S, Romero C, **Guinjoan S**, Allegri RF, Sevlever G (2018): Argentina-Alzheimer's Disease Neuroimaging Initiative (Arg-ADNI): neuropsychological evolution profile after one-year follow up. *Archivos Neuropsiquiatria* 76(4): 231-240.

Please see <https://www.ncbi.nlm.nih.gov/myncbi/salvador.guinjoan.1/bibliography/public/> for full list of NLM indexed publications.

Awards and Honors

- 2023 Citizen Award for Contribution to Argentine Science and National Culture. Endowed by the City of Avellaneda, Buenos Aires, Argentina. Eng. Jorge Ferraresi, Mayor.
- 2019- Member, National Ethics in Science and Technology Committee, Ministry of Science and Technology, Argentine Government.
- 2016 Annual Award in recognition of scientific production, National Council of Scientific and Technological Research, Argentine Government.
- 2005 "Young Clinical Investigator of the Year" Award, University of Buenos Aires School of Medicine.
- 2004 "Argentine Association of Psychiatrists" Annual Award to the best scientific communication, for the work "A controlled study on cardiac autonomic function in eating disorders", Argentina.
- 2001 "Argentine Association of Psychiatrists" Annual Award to the best scientific communication, for the work "Autonomic dysfunction induced by depression among elderly patients with acute coronary syndromes", Argentina.
- 1999 "Psychiatry Resident of the Year" award, Pfizer Inc., Washington DC (1999).

- 1998 "Clarence G. Shultz" prize, Sheppard Pratt Hospital, for the work "The use of metaphors by severely disturbed patients in psychotherapy," Towson, Maryland.
- 1997 "Facultad de Ciencias Médicas" Annual Award for the best Ph.D. thesis, "Autonomic Dysfunction in Mood Disorders", University of Buenos Aires School of Medicine.
- 1996 "Wendell A. Muncie" award of the Maryland Psychiatric Society and the Maryland Association of Private Practice Psychiatrists, for the work "Cardiovascular disease and depression: should screening of depression be recommended in clinical practice?," Baltimore.
- 1995 Honor Diploma, University of Buenos Aires School of Medicine.
- 1994 "B. A. Houssay" award of the Argentine Chamber of Pharmaceutical Laboratories (team award, 1994).

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-direction, Argentine Catholic University)
- Barbara Duarte-Abritta (UBA School of Medicine)
- Stella M. Sanchez (co-direction, UBA School of Exact and Natural Sciences)
- Elsa Y. Costanzo (UBA School of Medicine)

Research Support

Start Year	End Year	Grant Title	Granting Agency	Award Amount	Role	Brief Description
2021	2023	Neuromodulation of Circuits Underlying Repetitive Negative and Self-Referential Thinking in Depression: An Early Feasibility Study Employing Transcranial Focused Ultrasound	William K. Warren Foundation	\$228238	PI	Modulation of individually-defined thalamo-prefrontal tracts with low-intensity focused ultrasound to investigate target engagement and changes in repetitive negative thinking.
2019	2022	Adolescent Neurodevelopment in Persons with Family History of Late-Onset Alzheimer's Disease: cognitive, behavioral, and neuroimaging phenotypes.	Agencia de Promocion, Ministry of Science and Technology, Argentine Government.	Arg\$ 2529000	PI	A study designed to explore neurodevelopmental aspects of genetic risk for late-onset Alzheimer's disease. Resigned as PI as of 2021, upon being recruited to my current position in the US.
2015	2018	Neurodegeneration Related to Beta-Amyloid and Other Mechanisms In Persons with Increased Genetic Risk of Alzheimer's Disease	Agencia de Promocion, Ministry of Science and Technology,	Arg\$ 1040000	PI	Observational study in middle-aged, cognitive normal offspring of patients with Alzheimer's Disease and healthy controls, employing 3T MRI, FDG-PET, and PiB-PET neuroimaging methods.

			Argentine Government.			
2012	2014	Structural correlates of functional brain abnormalities in siblings discordant for schizophrenia	FAPESP-CONICET (Research Support Foundation of Sao Paulo State, Brazil - National Council of Scientific and Technological Research, Argentina)	Arg\$ 15690 and travel costs	PI	A combined fMRI/voxel-based morphometry study of siblings discordant for schizophrenia, seeking to determine if abnormal brain activation in response to stress paradigms has a structural cortical base
2008	2011	Social cognition in schizophrenia and persons with genetic risk: performance, heritability, and functional correlates.	Agencia de Promocion, Ministry of Science and Technology, Argentine Government.	Arg\$ 6352087	PI	An fMRI study on the performance in tests of social cognition and moral judgment in patients with schizophrenia, their unaffected siblings, and healthy controls.

Under Review: Parsing Mechanistic Relationships Between Circuits and Negative Valence System Behaviors in Treatment-Resistant Depression with Ultrasound Neuromodulation. ID: R01 MH137331-01. Role: PI. Co-Investigators: Aki Tsuchiyagaito (LIBR) and Noah S. Philip (Brown University, RI).