C. Laura Acion

November 2018

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Education		

2011	PhD in Biostatistics University of Iowa College of Public Health, Iowa City, Iowa, USA
2009	MPH, Biostatistics subtract University of Iowa College of Public Health
2004	MS in Biostatistics University of Iowa College of Public Health
2002	Licentiate in Molecular Biology Facultad de Ciencias Exactas y Naturales (FCEN), Universidad de Buenos Aires (UBA), Buenos Aires, Argentina

Selected Continuous Education		

2018	Machine Learning Summer School – Universidad Torcuato DiTella, Buenos Aires, Argentina
2018	Instructor's Course - The Carpentries, online
2017	NIMH Data and Safety Monitoring Board Training Symposium – National Institutes of Mental Health, Bethesda, Maryland, USA
2016	XI Jornadas Universitarias de los Sistemas de Información de Salud – Hospital Italiano de Buenos Aires, Buenos Aires, Argentina
2016	4º Jornada Académica de Estadística: "El Secreto Estadístico vs. El Derecho a la Información Pública" – Sociedad Argentina de Estadística, Buenos Aires, Argentina
1997	Cours d'Informatique en Biologie (Curso de Informática en Biología) – Institut Pasteur, Paris, France

Current Positions and Appointments		

2018-	Associate Researcher – Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Instituto de Cálculo, FCEN, UBA
2018-	Associate Professor. Instituto Universitario del Hospital Italiano, Buenos Aires, Argentina
2017-	Assistant Professor. Instituto Universitario del Hospital Italiano, Buenos Aires, Argentina
2014-	Adjunct Assistant Professor. Department of Psychiatry and Behavioral Sciences, Baylor College of Medicine, Houston, Texas

| 2018- | Associate Research Scientist. Caver College of Medicine Department of Psychiatry, University of Iowa |

Previous Positions and Appointments

2011-2018	Associate Research Scientist. Iowa Consortium of Substance Abuse Research and Evaluation, University of Iowa
2015-2017	Post-Doctoral Fellow. Instituto de Cálculo, FCEN, UBA - CONICET, Buenos Aires, Argentina
2013-2015	Adjunct Assistant Professor. Department of Biostatistics, College of Public Health, University of Iowa
2002-2011	Graduate Research Assistant. Department of Psychiatry, College of Medicine, University of Iowa
2006-2008	Statistician. Instituto de Neurociencias de Buenos Aires, Buenos Aires, Argentina
1999-2002	Undergraduate Research Assistant. Neuroimaging Laboratory, Instituto de Investigaciones Neurológicas Raúl Carrea – FLENI, Buenos Aires, Argentina
1994-1996	Undergraduate Research Assistant. Developmental Biochemistry and Molecular Biology Laboratory, Fundación Instituto Leloir, Buenos Aires, Argentina

Academic Awards and Honors

2018	Travel award. rOpenSci unconf (by invitation after competitive selection only), Seattle, EEUU
2017	Best paper award. Internal Medicine Area. IV Congreso Internacional de Clínica y Medicina Interna, Sociedad Argentina de Medicina
2006	Nomination for the 2006 American Society of Public Health Award for Student Excellence in Public Health Practice
2005	Best poster presentation for "Anhedonia in multidrug-resistant tuberculosis HIV-negative patients". Research Week 2005 – College of Medicine and College of Public Health, University of Iowa
2005	Honorable mention for the poster for "Anhedonia in multidrug-resistant tuberculosis HIV-negative patients". James F. Jakobsen Forum 2005. Graduate Student Senate, University of Iowa
2004-2011	Full tuition scholarship for Biostatistics Doctoral Program. Department of Psychiatry, College of Medicine, University of Iowa
2004	Travel award. Graduate Student Senate, University of Iowa
2004	Travel award. Student Government, University of Iowa
2002-2004	Full tuition scholarship for Biostatistics Masters Program. Department of Psychiatry, College of Medicine, University of Iowa
2002	Molecular Biology Degree summa cum laude. Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires
1994	Gold medal. Third Argentine Biology Olympiad. Universidad Nacional de Río Cuarto
1994	J. S. Sauberan award. Colegio Nacional de Buenos Aires, Universidad de Buenos Aires

1992   Bronze medal. First Argentine Biology Olympiad. Universidad Nacional de Río Cuarto

Teaching Activities

2018-   Instructor for The Carpentries (https://carpentries.org/)

2018   Instructor for DataCamp (https://www.datacamp.com)

2017   Chief Teaching Assistant. Biometry II. FCEN, UBA

2017   Instructor. Categorical Data Analysis. Statistics in Health Sciences Graduate Specialization. Instituto de Cálculo, FCEN, UBA

2017 - 2018   Instructor. Quantitative Methods. Health Sciences Doctoral Degree. Instituto Universitario, Hospital Italiano de Buenos Aires

2017   Invited Instructor. Workshop: Generalized Linear Mixed Models using R. Departamento de Ecología, Genética y Evolución, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires

2016 -   Instructor. Advanced Statistics. Clinical Research Master in Science Degree. Instituto Universitario, Hospital Italiano de Buenos Aires

2016   Teaching Assistant. Statistics in Health Sciences Graduate Specialization. Instituto de Cálculo, FCEN, UBA

2013   Instructor. Introduction to Biostatistics. Graduate Class, Department of Biostatistics, College of Public Health, University of Iowa

Refereed Publications

Total: 36. Citations: 2101. h-index: 20. Source: Google Scholar

L. Acion, J. Kramer, X. Liu, G. Chan, D. Langbehn, K. Bucholz, V. McCutcheon, V. Hesselbrok, M. Schuckit, D. Dick, M. Hesselbrok, S. Kuperman. Reliability and validity of an internalizing symptom scale based on the adolescent and adult Semi-Structured Assessment for the Genetics of Alcoholism (SSAGA). American Journal of Drug and Alcohol Abuse. In press.

Impact Factor 2017: 2.2

J. Broussard, L. Acion, H. de Jesus Cortes, T. Yin, J. Britt, R. Salas, M. Costa-Mattioli, C. Robertson, A. Pieper, D. Arciniegas, R. Jorge. Repeated mild traumatic brain injury produces neuroinflammation, anxiety-like behavior and impaired spatial memory in mice. Brain Injury, 32(1):113-122, 2018.

Impact Factor 2017: 2.0

R. Savjani, B. Taylor, L. Acion, E. Wilde, R. Jorge. Accelerated changes in cortical thickness measurements with age in military service members with traumatic brain injury. Journal of Neurotrauma, 34(22):3107-3116, 2017.

Impact Factor 2017: 5.0

L. Acion, J. Zwick, P. Rojas-Saunero, S. Arndt. Distinctions between seeking- and non-seeking-treatment research participants: Implications for clinical trials effectiveness. American Journal of Drug and Alcohol Abuse. 43(6):628-630, 2017

Impact Factor 2017: 2.2

M. Jones, L. Acion, R. Jorge. What are the complications and emerging strategies for preventing depression following traumatic brain injury? Expert Review of Neurotherapeutics. 17.6 (2017): 631-640.

Impact Factor 2016: 3.2

L. Acion, D. Kelmansky, M. van der Laan, E. Sahker, D. Jones, S. Arndt. Substance use disorder treatment success prediction using a machine learning framework. Plos One. 12.4 (2017): e0175383.

Impact Factor 2016: 2.8

S. Kuperman, J. Kramer, L. Wetherill, L. Acion, X. Liu, H. Edenberg, J. Nurnberger, A. Agrawal, A. Anokhin, A. Brooks, V. Hesselbrock, M. Hesselbrock, M. Schuckit, J. Tischfield and G. Chan. A GABRA2 polymorphism improves a model for prediction of drinking initiation. Alcohol. In press.

Impact Factor 2016: 2.8

R. Jorge, L. Acion, D. Burin and R. Robinson. Sertraline for preventing mood disorders following traumatic brain injury: A randomized clinical trial. JAMA Psychiatry, 73(10):1041-1047, 2016.

Impact Factor 2016: 15.3

E. Sahker, L. Acion and S. Arndt. Age moderates the association of depressive symptoms and unhealthy alcohol use in the National Guard. Abusive Behaviors, 63:102-106, 2016.

Impact Factor 2016: 2.9

L. Ponto, T. Brashers-Krug, R. Pierson, Y. Menda, L. Acion, L. Watkins, J. Sunderland, J. Koeppel and R. Jorge. Preliminary investigation of cerebral blood flow and amyloid burden in veterans with and without combat-related traumatic brain injury. Journal of Neuropsychiatry and Clinical Neurosciences, 28(2):89-96, 2016.

Impact Factor 2016: 1.9

E. Sahker, L. Acion and S. Arndt. National analysis of differences among substance abuse treatment outcomes: College student and nonstudent emerging adults. Journal of American College Health, 63(2):118-124, 2015.

Impact Factor 2015: 1.4

N. Garcia-Casares, R. Jorge, J. Garcia-Arnes, L. Acion, M. Berthier, Gonzalez-Alegre, et al. Cognitive dysfunctions in middle-aged type 2 diabetic patients and neuroimaging correlations: A cross-sectional study. Journal of Alzheimer's Disease, 42(4):1337-1346, 2014.

Impact Factor 2014: 4.2

D. Burin, L. Acion, J. Kurczek, M. Duff, D. Tranel and R. Jorge. The role of ventromedial prefrontal cortex in text comprehension inferences: Semantic coherence or socio-emotional perspective? Brain and Language, 129:58-64, 2014.

Impact Factor 2014: 3.2

N. Garcia-Casares, M. Berthier, R. Jorge, P. Gonzalez-Alegre, A. Gutierrez Cardo, J. Rioja Villodres, L. Acion, M. Corbo, A. Nabrozidis, J Garcia-Arnes and P. Gonzalez-Santos. Structural and functional brain changes in middle-aged type 2 diabetic patients: A cross-sectional study. Journal of Alzheimers Disease. 40(2):375-386, 2014.

Impact Factor 2014: 4.2

S. Arndt, L. Acion and K. White. How the states stack up: Disparities in substance abuse outpatient treatment completion rates for minorities. Drug and Alcohol Dependence. 132(3):547-554, 2013.

Impact Factor 2013: 3.3

S. Arndt, L. Acion, K. Caspers and P. Blood. How reliable are county and regional health rankings? Prevention Science. 14(5):497-502, 2013.

Impact Factor 2013: 2.8

L. Acion, M. Ramirez, R. Jorge and S. Arndt. Increased risk of alcohol and drug use among children from deployed military families. Addiction. 108(8):1418-1425, 2013.

Impact Factor 2013: 4.9

R. Jorge, L. Acion, T. White, D. Tordesillas-Gutierrez, R. Pierson, B. Crespo-Facorro and V. Magnotta. White matter abnormalities in veterans with mild traumatic brain injury. American Journal of Psychiatry. 169(2):1284-1291, 2012.

Impact Factor 2012: 14.7

S. Arndt, L. Acion, K. Caspers and O. Diallo. Assessing community variation and randomness in public health indicators. Population Health Metrics. 9:3, 2011.

Impact Factor 2011: NA - Impact Factor 2012: 2.8

R. Jorge, L. Acion, D. Moser and R. Robinson. Escitalopram and enhancement of cognitive recovery following stroke. Archives of General Psychiatry. 67(2):187-196, 2010.

Impact Factor 2010: 10.8

G. Petracca, R. Jorge, L. Acion, D. Weintraub, R. Robinson. Frequency and correlates of involuntary emotional expression disorder in Parkinson´s disease. Journal of Neuropsychiatry and Clinical Neurosciences. 21(4):406-412, 2009.

Impact Factor 2009: 2.3

C. Calarge, V. Ellingrod, B. Zimmerman, L. Acion, W. Sivitz, J. Schlechte. Leptin gene 2548G/A variants predict risperidone-associated weight gain in children and adolescents. Psychiatric Genetics. 19(6):320-327, 2009.

Impact Factor 2009: 2.3

N. Fernández Liguori, D. Klajn, L. Acion, F Caceres, A Calle, A Carra, et al. Epidemiological characteristics of pregnancy, delivery and birth outcome in women with multiple sclerosis in Argentina (EMEMAR study). Multiple Sclerosis. 15(5):555-562, 2009.

Impact Factor 2009: 3.3

C. Calarge, V. Ellingrod, L. Acion, D. Miller, J. Moline, M. Tansey and J. Schlechte. Variants of the dopamine D-2 receptor gene and risperidone-induced hyperprolactinemia in children and adolescents. Pharmacogenetics and Genomics. 19(5):373-382, 2009.

Impact Factor 2009: 4.0

C. Calarge, L. Acion, S. Kuperman, M. Tansey and J. Schlechte. Weight gain and metabolic abnormalities during extended risperidone treatment in children and adolescents. Journal of Child and Adolescent Psychopharmacology. 19(2):101-109, 2009.

Impact Factor 2009: 2.6

S. Vanotti, R. Benedict, L. Acion, F. Caceres and VANEM Workgroup. Validation of the multiple sclerosis neuropsychological screening questionnaire in Argentina. Multiple Sclerosis. 15(2):244-250, 2009.

Impact Factor 2009: 3.3

R. Robinson, R. Jorge, D. Moser, L. Acion, A. Solodkin, S. Small, P. Fonzetti, M. Hegel, and S. Arndt. Escitalopram and problem-solving therapy for prevention of poststroke depression – A randomized controlled trial. Journal of the American Medical Association. 299(20):2391-2400, 2008.

Impact Factor 2008: 31.7

R. Jorge, D. Moser, L. Acion and R. Robinson. Treatment of vascular depression using repetitive transcranial magnetic stimulation. Archives of General Psychiatry. 65(3):268-276, 2008.

Impact Factor 2008: 14.3

A. Capizzano, R. Jorge, L. Acion, and R. Robinson. In vivo proton magnetic resonance spectroscopy in patients with mood disorders: A technically oriented review. Journal of Magnetic Resonance Imaging. 26:1378-1389, 2007.

Impact Factor 2007: 2.2

R. Jorge, L. Acion, S.E. Starkstein, and V. Magnotta. Hippocampal volume and mood disorders following traumatic brain injury. Biological Psychiatry. 62:332-338, 2007.

Impact Factor 2007: 8.5

L. Acion, J. Petersen, S. Temple, and S. Arndt. Authors' Reply. Statistics in Medicine. 25(22):3946-48, 2006.

Impact Factor 2006: 1.7

L. Acion, J. Petersen, S. Temple, and S. Arndt. Probabilistic index: An intuitive non-parametric approach to measuring the size of treatment effects. Statistics in Medicine. 25(4):591-602, 2006.

Impact Factor 2006: 1.7

S. Arndt, T. Gunter, and L. Acion. Older Admissions to Substance Abuse Treatment in 2001. American Journal of Geriatric Psychiatry. 13(5):385-92, 2005.

Impact Factor 2005: 2.9

R. Jorge, R. Robinson, A. Tateno, K. Narushima, L. Acion, D. Moser, S. Arndt, and E. Chemerinsky. Repetitive Transcranial Magnetic Stimulation as treatment of Poststroke Depression: A preliminary Study. Biological Psychiatry. 55:398-405, 2004.

Impact Factor 2004: 6.2

A. Capizzano, L. Acion, T. Bekinschtein, M. Furman, H. Gomila, A. Martinez and S. Starkstein. Association between leukoaraiosis and cortical atrophy in Alzheimer´s disease. J Neurol Neurosurg Psychiatry. 75:822-7, 2004.

Impact Factor 2004: 3.1

A. Rabossi, L. Acion and L. A. Quesada-Allué. Metamorphosis-associated proteolysis in Ceratitis capitata. Entomologia Experimentalis et Applicata. 94:57-65, 2000.

Impact Factor 2000: 0.9

Publications under Review

G. Chan, J. Kramer, M. Schuckit, V. Hesselbrock, K. Bucholz, H. Edenberg, L. Acion, D. Langbehn, V. McCutcheon, J. Nurnberger, M. Hesselbrock, et al. A Pilot Follow-Up Study of Older Alcohol Dependent COGA Adults. Alcoholism: Clinical and Experimental Research. Under revision.

R. Jorge, R. Li, X. Liu, J. McGavin, D. Shorter, L. Acion, S. Arndt. Treating alcohol use disorder in US veterans: comparing valproate with naltrexone. Biological Psychiatry. Under revision.

Selected Proceedings Publications

L. Acion, J. Kramer, V. McCutcheon, X. Liu, G. Chan, S. Kuperman, K. Bucholz, V. Hesselbrock, COGA Collaborators. Associations between internalizing characteristics and substance use in adults from families at high risk for alcoholism. Alcoholism Clinical and Experimental Research. 40:233A, 2017.

L. Acion, J. Kramer, X. Liu, G. Chan, S. Kuperman, K. Bucholz, V. Hesselbrock, J. Vaidya, V. McCutcheon, COGA Collaborators. Internalizing symptom scale based on the adolescent and adult SSAGA in a prospective study of families at high risk for alcoholism. Alcoholism Clinical and Experimental Research. 40:51A, 2016.

L. Acion, D. Kelmansky, M. Dalmasso, C. Muchnik, N. Olivar, L. Brusco, L.Morelli. Aprendizaje Dirigido para la Predicción de Riesgo de Enfermedad de Alzheimer Esporádica y Estimación del Efecto de APOE4 Luego de Ajustar por Otros Marcadores Genéticos. 4° Jornada de investigación y nuevas estrategias en enfermedad de Alzheimer. Buenos Aires, Argentina, 2016.

M. Dalmasso, L. Acion, N. Olivar, C. Muchnik, D. Kelmansky, L. Brusco, L. Morelli. Looking for a genetic molecular signature for Alzheimer's Disease in Argentina. 2nd FALAN Congress. Buenos Aires, Argentina, 2016.

B. Taylor, R. Savjani, E. Wilde, L. Acion, R. Jorge. Machine learning classification of TBI in US service members and veterans. Brain Injury. 30(5-6), 666-666, 2016.

J. Broussard, L. Acion, R. Salas, M. Costa-Mattioli, C. Robertson, A. Pieper, D. Arciniegas, R. Jorge. Repeated mild traumatic brain injury produces an anxiety-like phenotype and spatial memory deficits in mice. Brain Injury. 30(5-6), 763-763, 2016.

P. Gilbert, M. Marzell, A. Harbour, S. Arndt, L. Acion and E. Sahker. Moderated drinking or ongoing alcohol use disorder: Developing epidemiological profiles of adults with previous alcohol abuse and dependence who do not abstain. Society for Prevention Research 24th Annual Meeting. 2016.

C. Calarge, L. Acion and William Coryell. Major depressive disorder, antidepressant use, and adiposity in adolescents: a longitudinal study. Society of Biological Psychiatry 71st Annual Scientific Convention. 2016.

S. Sever, M. Marcelli, H. Lin, L. Acion, R. Jorge and J. Garcia. Growth hormone deficiency in veterans with mild TBI. Endocrine Society's 98th Annual Meeting. 2016.

M. Dalmasso, C. Muchnik, L. Acion, D. Kelmansky, N. Olivar, I. Brusco, L. Morelli. Single nucleotid polymorphisms associated to Alzheimer's disease in the Argentine population. Biocell. 39(S2), 2015.

J. Kramer, G. Chan, S. Kuperman, L. Wetherill, K. Bucholz, L. Acion, X. Liu and COGA Collaborators. The role of internalizing and externalizing symptoms in alcohol, nicotine and marijuana involvement. Alcoholism-Clinical and Experimental Research. 39(SI):152A. 2015.

J. Kramer, G. Chan, S. Kuperman, L. Wetherill, K. Bucholz, L. Acion and COGA Collaborators. The combined role of internalizing and externalizing symptoms in alcohol use and problems. Alcoholism - Clinical and Experimental Research. SI1:262A. 2014.

T. Brashers-Krug, L. Acion, K. Kennedy and R. Jorge. Does history of mild traumatic brain injury during recent combat affect amygdala and prefrontal cortex signal during fMRI. Brain Injury. 26(4-5):745, 2012.

C. Calarge, L. Acion and J. Schlechte. Effect of risperidone-induced hyperprolactinemia on bone mineral density in youth. European Psychiatry. 23:S156-S156, 2008.

N. Fernández Liguori, D. Klajn, L. Acion and the EMEMAR Group. First multicentre study on multiple sclerosis and pregnancy in Buenos Aires, Argentina (EMEMAR study). Multiple Sclerosis. 13:S94-S94, 2007.

S. Vanotti, R. Benedict, L. Acion, F. Caceres and the VANEM Workgroup. Cognitive impairment in multiple sclerosis: results of a multicentre study in Argentina. 22nd Congress of the European Committee for the Treatment and Research in Multiple Sclerosis. Madrid, Spain. September 2006.

R. Jorge, D. Moser, L. Acion, V. Magnotta, P. Nopolous and R. Robinson. Location of frontal white matter changes in patients with vascular depression: a diffusion tensor imaging study. International Society for Vascular Behavioral and Cognitive Disorders. Florence, Italy. 2005.

L. Acion, S. Temple and S. Arndt. Intuitive non-parametric effect size index for treatment trials. Joint Statistical Meeting, Toronto, Canada. August 2004.

L. Acion, A. Capizzano, M. Furman, T. Bekinschtein and H. Gomila. Cognitive deficits and atrophy in specific cortical regions in Alzheimer´s disease: A 3D quantitated magnetic resonance study. World Alzheimer 2000 Congress, Washington DC. July 2000.

A. Rabossi, V. Stoka, L. Acion, V. Turk, and L. A. Quesada-Allué. Metamorphosis-related proteolytic enzymes in the medfly, Ceratitis capitata". 2nd Meeting of the Working Group on Fruit Flies of the Western Hemisphere, Viña del Mar, Chile. November 1996.

Other Publications

L. Acion. Methods in addiction research section: Notes from the associate editor. American Journal of Drug and Alcohol Abuse. 43(5): 491, 2017.

M. Dalmasso, L. Acion, N. Olivar, C. Muchnik, D. Kelmansky, L. Brusco, L. Morelli. Caracterización genómica de la población argentina para la ponderación del riesgo de padecer Alzheimer y su impacto en prevención y tratamiento. Revista de Neuropsiquiatría y Neurociencia Cognitiva, 2016.

L Acion. Model selection and model averaging by G. Claeskens and N. Hjort. Journal of the American Statistical Association. 104(488):1721-1722, 2009.

Research Support

Completed:

Collaborative Study on the Genetics of Alcoholism (COGA)
Sponsor: National Institutes of Alcohol Abuse and Alcoholism
Period: 04/01/2013 – 10/31/2018
Role: Statistician

Unplanned Readmissions in a Closed Argentinean Health Care System
Sponsor: Universidad ISALUD, Buenos Aires Argentina
Role: Co-Investigator

Determinants of Hospital Readmissions in Older Adults with Hip Fracture
Sponsor: Ministerio de Salud de la Nación, Argentina
Role: Co-Investigator

Serotonin Reuptake Inhibitors and Bone Mineralization in Adolescents
Sponsor: National Institutes of Mental Health
Period: 10/01/2015 – 02/28/2016
Role: Statistician

Treatment strategy for alcohol use disorders in veterans with traumatic brain injury
Sponsor: Department of Veterans Affairs
Period: 04/01/2011 – 08/30/2015
Role: Statistician

Treatment Strategy to Prevent Mood Disorders Following Traumatic Brain Injury
Sponsor: National Institutes of Mental Health
Period: 02/01/2008 – 01/31/2013
Role: Statistician

Mood and Anxiety Disorders Following TBI Among OIF/OEF Veterans
Sponsor: Department of Veterans Affairs
Period: 03/01/2008 – 02/28/2011
Role: Statistician

Co-Occurrence of Depression in Tuberculosis HIV-Negative Patients in Buenos Aires, Argentina
Sponsor: University of Iowa Graduate Student Senate and Student Government
Period: 05/15/2004 – 08/15/2004
Role: Principal Investigator

Prevention of Post-Stroke Depression – Treatment Strategy
Sponsor: National Institutes of Mental Health
Period: 08/01/2002 – 07/31/2007
Role: Data manager and MS-level statistician

Vascular Depression and Magnetic Stimulation Therapy
Sponsor: National Institutes of Mental Health
Period: 08/01/2002 – 11/30/2006
Role: Magnetic resonance image analyst

Student Advising and Team Management

TBD	Postdoctoral fellow adviser. CONICET - Instituto de Cálculo, FCEN, UBA Advisee: Sabrina López, PhD Project: Development of healthcare quality indexes using targeted learning
2017 -	Doctoral dissertation co-adviser. Health Sciences Program, Instituto Universitario, Hospital Italiano de Buenos Aires Advisee: Bernardo Martínez, MD, MS Title: Desarrollo y Validación de una Regla Predictiva de Horas de Guardia Sobresaturadas de Acuerdo a la Escala NEDOCS
2016 -	Doctoral dissertation co-adviser. Health Sciences Program, Instituto Universitario, Hospital Italiano de Buenos Aires Advisee: Diego Giunta, MD, MS Title: Ausentismo en Consultas Ambulatorias Programadas: Tasas, Causas y Modelos Predictivos

2004-2015	Team manager for data entry, management, and database design for Dr. Ricardo Jorge lab at the University of Iowa and at Baylor College of Medicine. In charge of about 10 undergraduate and graduate research assistants throughout the period

Professional Activities

2018-	Senior consultant. Data Science Program. Fundación Sadosky, Buenos Aires, Argentina
2018	Project evaluator. CONICET, Argentina
2018	Project evaluator. National Science Center. Polonia
2017-	Chair. LatinR <– Latin American Conference about the Use of R in Research + Development 2018, Universidad de Palermo, Buenos Aires, Argentina
2017-	Mental Health & Community Reintegration Ad Hoc Panel Member. Summer Review of Scientific Proposals. Department of Veteran Affairs Rehabilitation Research and Development Service
2017-	Member. Data Safety Monitoring Board A. National Institutes of Mental Health
2017-	Methodological Evaluator. PhD Dissertation Plans. Health Sciences Doctoral Degree. Instituto Universitario, Hospital Italiano de Buenos Aires
2012-2013	Chair, Bioethics Review Board, Fundación Instituto de Neurociencias de Buenos Aires, Buenos Aires, Argentina
2006-2008	Statistical consultant Researchers: Fernando Cáceres, MD and Nora Fernández Liguori, MD *Role:* In charge of the project design, data management, data analysis and publication of the results for research projects in multiple sclerosis (VANEM and EMEMAR studies).
2004	Statistical consultant for the Master in Science Dissertation at Facultad de Medicina, Universidad Ricardo Palma, Lima, Perú Author: Juana Nicoll Toscano Title: Valor diagnóstico de la espectroscopía y perfusión por resonancia magnética en los tumores cerebrales primarios y su correlación con la anatomía patológica, en el Hospital General de Agudos Juan Fernández de Buenos Aires
2004	Statistical consultant for the Engineering Preceptorship Facultad de Ingeniería, Universidad de Buenos Aires Author: Hernán Gomila Title: Clasificación automática de hiperintensidades de sustancia blanca en imágenes de resonancia magnética

Editorial Activities

2017-	Associate Editor: Methods in Addiction Research, American Journal of Drug and Alcohol Abuse
2017-	Editorial Board Member, Revista Liberabit, Escuela Profesional de Psicología, Facultad de Ciencias de la Comunicación, Turismo y Psicología, Universidad de San Martín de Flores, Perú

2016-2017   Statistical Editor, American Journal of Drug and Alcohol Abuse

2004-   Statistical Reviewer for: Alcoholism: Clinical and Experimental Research, American Journal of Drug and Alcohol Abuse, American Journal of Geriatric Psychiatry, American Journal of Psychiatry, Archives of General Psychiatry, Computational Statistics and Data Analysis, Drug and Alcohol Dependence, International Journal of Environmental Research and Public Health, Journal of the American Medical Association – Pediatrics, Journal of Clinical and Experimental Neuropsychology, PLoS One, Psychological Reports, Statistics in Biopharmaceutical Research, Statistics in Medicine, Statistical Methods in Medical Research, Substance Abuse Treatment, Prevention, and Policy

Professional Societies

2018-   Member, Sociedad Argentina de Informática e Investigación Operativa

2016-   Member, Sociedad Argentina de Estadística

2016-   Member, Instituto Interamericano de Estadística

2008-2010   Member, Society for Clinical Data Management

2002-2011   Student Member, American Statistical Association

2002-2011   Student Member, Institute of Mathematical Statistics

Science Dissemination

L. Acion, N. D'Ippolito and W. Sosa Escudero. Inteligencia artificial: No culpes a la big data. Revista Anfibia, Universidad Nacional de San Martín (http://revistaanfibia.com/ensayo/no-culpes-la-big-data/), 2018.

Community Activities

2018-   Organizer, R en Buenos Aires, R user group in Buenos Aires, Argentina

2017-   New Chapters Liaison, R-Ladies Global (www.rladies.org). Onboarding of new chapters worldwide with special emphasis in Latin America

2017-   Organizer, R-Ladies Buenos Aires, first active chapter in Latin America of R-Ladies Global

Languages

Spanish: advanced speaking, writing, and reading (mother tongue)

English: advanced speaking, writing, and reading. Test of English as a Foreign Language (TOEFL) and Graduate Record Examination (GRE)

French: advanced speaking, writing, and reading. Diplôme d'Études en Langue Française (DELF) and Diplôme Approfondi de Langue Française (DALF)

German: beginner speaking, writing, and reading