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Born: 20th March 1977, Argentina.

I. Education

Education

CCiL PhD. Research Program 2018

Universitat de Barcelona.
Research Project: Philosophical Problems of Experimentation in Natural and Biomedical Sciences
Research Supervisor: Dr. José Antonio Díez Calzada.
International recognition. Excellent.

Postdoctoral Academic Visitor, CPNSS, London School of Economics, Michaelmas Term 2014

Doctor in Philosophy with honours 2013

Universidad de Buenos Aires
Thesis Title: *Does Experiment Have a Life of Its Own? A Critical Analysis of the Autonomy of Experiment Thesis Regarding the Constitution and the Justification of Empirical Evidence.*
Supervisors: Drs. Alejandro Cassini (Universidad de Buenos Aires) and José Antonio Díez Calzada (Universitat de Barcelona).

Magister in Analytic Philosophy 2011

Universitat de Barcelona.
Research Paper: *The Quest for Gravity Waves and the Autonomy of Experimentation Thesis.*
Supervisor: Dr. José Antonio Díez Calzada.

Bachelor in Philosophy with honours. 2007

Universidad de Buenos Aires
Thesis: *Epistemology of Experiment: the Experimenters' Regress as a Challenge to the Objectivity of Experimental Results.*
Supervisor: Alejandro Cassini

High School and University Teaching Diploma with honours 2007

Universidad de Buenos Aires

Biochemistry 1997

11 courses approved
Universidad de Buenos Aires.

II. Teaching

Areas of Competence: Philosophy of Sciences, Philosophy of Language, Epistemology, Methodology of Science, Critical Thinking.

Since October 2017: Lecturer of the International Master Program in Biomedical Sciences. Institute of Molecular Medicine and Cell Research, Fribourg University.

Since September 2016: Professor, *Philosophy of Culture*, Universitat de l'Experiència, Universitat de Barcelona.

Since September 2015: Teaching Assistant, *Philosophy of Language I*, *Philosophy of Language II* and *Philosophy of Mind and Language II*, Faculty of Philosophy, Universitat de Barcelona.

September 2015: Guest Lecturer: *Philosophy of Science*, undergraduate course, Faculty of Philosophy, Universitat de Barcelona.

September 2013: Guest Lecturer: *Mind, Language and Science*, undergraduate course, University of Experience, Faculty of Philosophy, Universitat de Barcelona.

September 2013: Guest Lecturer: *Philosophy of Science*, undergraduate course, Faculty of Philosophy, Universitat de Barcelona.

2012-2015: Instructor of *Philosophy of Science*, Social Sciences Department, Faculty of Social Sciences, Universidad Nacional de Quilmes, Virtual modality.

2008-2015: Instructor of *Philosophy*, Social Sciences Department, Faculty of Social Sciences, Universidad Nacional de Quilmes (UNQ). Tenure position.

Spring 2009, spring 2010, and spring 2011: Lecturer at the post-graduated Seminar *Science from a different point of view: Epistemological, Ethical and Political Problems*. Mathematical Physics Department, Faculty of Biochemistry, Universidad de Buenos Aires. Taught in collaboration with Federico Vasen, Ignacio Mastroleo, Federico Monczor and Karina Alleva.

2006-2008: Teaching assistant of *Introduction to Scientific Knowledge*, Faculty of Philosophy, Universidad de Buenos Aires.

III. RESEARCH

Research Interests

AOS: General Philosophy of Science, Philosophy of Natural Sciences, Philosophy of Experiment, Philosophy of Evidence-Based Medicine.

Publications: Journals, unsolicited

(2017), “An Internal Answer to the Experimenters’ Regress through the Analysis of the Semantics of Experimental Results and Their Representational Content”, *Perspectives on Science*, 25:1, Pp, 95-123, doi:10.1162/POSC_a_00236

(2014), “Overcoming the Experimenters’ Regress in Biomedical Research”, *Philosophical Writings*, 43:1, pp. 45-56. (issn: 1361-9365).

(2014), “¿Existen diferencias esenciales entre representaciones artísticas y científicas? Consecuencias para una teoría general de la representación científica.”, *Análisis Filosófico*, 34: 2, pp. 147-170. [Are there any Essential Differences amongst Artistic and Scientific Representations? Consequences for a General Theory of Scientific Representation].

(2014), “La vida propia del experimento: un análisis crítico de la autonomía de la experimentación y su relación con la constitución y justificación de la evidencia empírica”, *Cuadernos de Filosofía*, 61. (issn: 0590-1901). [*Does Experiment Have a Life of Its Own? A Critical Analysis of the Autonomy of Experiment Thesis Regarding the Constitution and the Justification of Empirical Evidence*].

(2012), “Objetividad y realidad física en el pensamiento de Wolfgang Pauli”, with de Ronde Christian and Sznajderhauz Nahuel. In Salvático, L., Bozzoli, M. y Presenti, L. (eds), *Epistemología e Historia de la Ciencia Selección de Trabajos de las XXII Jornadas*, Centro de Investigaciones de la Facultad de Filosofía y Humanidades, Universidad Nacional de Córdoba, Córdoba, 18, pp. 184-192. [*Objectivity and Physical Reality in Wolfgang Pauli’s Philosophy*].

(2012), “El empirismo lógico en perspectiva: el olvido de Otto Neurath”, *Alcances. Revista de filosofía contemporánea*, 3, (Issn: 0718-9117). [*Logical Empiricism in Perspective: Why was Otto Neurath Neglected?*]

(2011), “La vida propia del experimento: un análisis crítico de la autonomía de la experimentación”, *Revista Latinoamericana de Filosofía*, 37: 213-238, (issn: 0325-0725). [*Does Experiment Have a Life of Its Own? A Critical Analysis of the Autonomy of Experimentation Thesis*].

(2010), “El argumento del regreso del experimentador y la replicación de experimentos”, *Scientiae Studia*, 8 N° 2: 243-271, (issn 1678-3166). [*The Experimenter’s Regress and the Replication of Experiments*]

(2006), “¿Por Qué Aceptar un Resultado Experimental?”, in J. Ahumada, M. Pantalone y V. Rodríguez (eds), *Epistemología e Historia de la Ciencia 2006*, Universidad Nacional de Córdoba, Córdoba, pp.585-591. [*Why Are Experimental Results Accepted?*]

Selected Work in Progress

Towards an Individuation of Reproduction Modalities

Mechanism Matters: The Relevance of Mechanistic Reasoning in Securing Clinical Trials Evidence and Evidence-Based Medicine.

Different Ways Out of the Experimenters’ Regress and Their Shortcomings.

Error, Experiment and Theory, with Christian de Ronde.

Jones, Smith and the Man Who Will Get the Job: an Analysis of the Interpretation of Definite Descriptions within Gettier's First Case.

Research positions, Grants, Participation in Research Groups and Prizes

Research positions and Grants

2010-2015 *PERSP* Research Assistant position, Dept. Lògica, Història y Filosofia de la Ciència, Faculty of Philosophy, Universitat de Barcelona.

2012: Postdoctoral Fellowship offered by the Argentinian *National Council of Scientific and Technical Research* (CONICET). (Which I declined).

October 2010- May 2015: *PERSP* Research Contract, Universitat de Barcelona, Project: *Philosophy of Perspectival Thoughts and Facts*.

2010-2011: Postgraduate Research Grant II of the *National Council of Scientific and Technical Research* (CONICET), under the supervision of Dr. Alejandro Cassini.

2007-2009: Postgraduate Research Grant I of the *National Council of Scientific and Technical Research* (CONICET), under the supervision of Dr. Alejandro Cassini.

2004-2005: Grant for advanced philosophy students, of the Philosophy Department, University of Buenos Aires. To carry out a research project entitled *Epistemology of Experiment: the Experimenters' regress as a challenge to the objectivity of experimental results*. Supervisor: Dr. Alejandro Cassini.

Participation in Research Groups

Since December 2018: Senior Researcher at LOGOS, Department of Logic, History and Philosophy of Science Universitat de Barcelona.

Since July 2017: Member of the Barcelona Institute for Analytic Philosophy.

Since September 2016: Researcher at the project: *Laws, Explanations and Realism in Physical and Biomedical Sciences*

2010-2018: Junior Researcher at LOGOS, Department of Logic, History and Philosophy of Science Universitat de Barcelona.

2011-2015: Researcher at the project *Modelización, idealización y abstracción en las prácticas de las ciencias naturales y sociales*, UBACYT, Project Director: Dr. Alejandro Cassini.

2011-2015: Researcher at the program *Filosofía e Historia de la Ciencia*, Instituto de Estudios sobre la Ciencia y la Tecnología. Universidad Nacional de Quilmes, Argentina.

2010-2015: Research assistant at the program *PERSP Philosophy of Perspectival Thoughts and Facts*, Departament de Lògica, Història i Filosofia de la Ciència, Universitat de Barcelona, Programa Ingenio 2010, Spain.

2011-2015: Researcher at the program *Models and Representation in Formal and Empirical Sciences*, Instituto de Estudios sobre la Ciencia y la Tecnología, Universidad Nacional de Quilmes, Argentina.

2010-2012: Graduate research assistant at the project *Interpretation and Reinterpretation of Experimental Results: Experiments and Arguments concerning the Nature of Light in Fizeau, Compton and Einstein*, CONICET, Project Director: Dr. Alejandro Cassini.

2009-2011: Graduate research assistant at the project *Theories and Scientific Practice*, National Agency for Scientific and Technological Research at the Universidad de Quilmes. Project director: Dr. Pablo Lorenzano.

2008-2012: Graduate research assistant at the project *Models, Idealisation and Representation in Natural and Social Sciences*, Project directors: Drs. Gregorio Klimovsky and Alejandro Cassini.

2004-2008: Undergraduate research assistant at the project *Models, Realism and Scientific Progress*, Universidad de Buenos Aires. Project director: Dr. Gregorio Klimovsky.

2005-2006: Undergraduate researcher of the Department of Philosophy, Universidad de Buenos Aires, under the supervision of Dr. Alejandro Cassini, with the project: *The Objectivity of Experimental Results*.

2004-2005: Undergraduate research assistant at the project *Logical and Ontological Problems of the Foundations of Theoretical Physics*, National Agency for Scientific and Technological Research at the *Institute of Astronomy and Space Physics (IAFE)*, CONICET and Universidad de Buenos Aires. Project Directors: Drs. Mario Castagnino and Olimpia Lombardi.

Prizes

Eduardo Rabossi's Essay Award 2008. Award sponsored by the *Argentinean Society of Philosophical Analysis (SADAF)*

Selected External Research Presentations

Overcoming the Experimenters' Regress in Biomedical Research, Philosophy of Scientific Experimentation 5 (PSX5), 22-23 September 2016, Belgrade.

Invited to the Philosophy of Science UNED's Seminar. "Towards an Individuation of Experiments", 5th May, 2016.

Comments to the Panel at the Symposium: "*A Crisis of Confidence in the Experimental, Social and Biomedical Sciences?*" VIII SLMFCE, Barcelona, 7th July 2015.

The Experimenters' Regress and the Grading of Evidence in Biomedical Research: Cameron and Pauling's Experiments on the Efficacy of Ascorbic Acid as a Supplement for Cancer Patients, Barcelona Workshop on the Philosophy of Biomedical Sciences, Universitat de Barcelona, 6th July 2015.

Overcoming the Experimenters' Regress in Biomedical Research, British Postgraduate Philosophy Association Conference, 9th to 12th September 2014, Leeds, United Kingdom, Comments by James Fraser, University of Leeds.

Overcoming the Experimenters' Regress in Biomedical Research, 1st EXRE-EIDOS-LOGOS Graduate Conference, 24th 26th May 2014, Fribourg, Switzerland. Comments by Maria Scarpata, University of Neuchâtel.

Comments to Aldo Filomeno's paper: *Stable Simple Regularities from Complex Microlevel Dynamics*, TIF, Barcelona, 16th January 2014.

The Experimenters'Regress and the Constitution of an Experimental Result, 2nd Barcelona-Urbino Meeting on History and Philosophy of Science, 21-22 November 2013; Comments by Massimo Sangoi, Urbino, Italy.

Comments to José Antonio Díez Calzada: *Truth, Meaning and Theoretical Change: Scrutinizing Scientific Realism*, Third Meaning, Translation and Context Workshop. Barcelona, 7-8 November 2013.

Realidad y objetividad en el pensamiento de Wolfgang Pauli, with Christian de Ronde y Nahuel Sznaderjaus, XXII Jornadas de Epistemología e historia de la ciencia, La falda, Córdoba, Argentina, October 27th-29th 2011.

La producción de un resultado experimental, AFHIC 2010, Canela, Brazil, May 3rd-6th 2010.

La vida propia del experimento, un dictum con múltiples sentidos, XX Jornadas de Epistemología e Historia de la Ciencia, La Falda, Córdoba, Argentina, November 25th-28th 2009.

El argumento del regreso del experimentador y la replicación de experimentos, AFHIC 2008, Montevideo, Uruguay, May 26th-29th 2008.

La concepción inferencial: ¿Una teoría de la representación científica?, Guest lecturer at "Modelos e Idealizaciones en Ciencia: ¿Representación o Intervención?" AFHIC 2008, Montevideo, Uruguay, May 26th-29th.

El desafío escéptico a la objetividad de los resultados experimentales, Coloquio de Filosofía SADAF 2006, Buenos Aires, Argentina. November 23rd – 25th 2006.

¿Por qué aceptar un resultado experimental?, XVI Jornadas de Epistemología e Historia de la Ciencia, La Falda, Córdoba, Argentina, October 13th -15th 2005.

¿Por qué aceptar un resultado experimental?, Terceras Jornadas de Adscriptos, Universidad de Buenos Aires, Facultad de Filosofía y Letras, Departamento de Filosofía, Buenos Aires, Argentina, October 6th-7th 2005. With discussion: Santiago Ginobili.

Terceras Jornadas de Adscriptos, Universidad de Buenos Aires, Facultad de Filosofía y Letras, Departamento de Filosofía, Buenos Aires, Argentina, October 6th-7th 2005. Discussion of Ignacio Mastroleo's paper: *Infinitas representaciones, ninguna referencia*.

Refereeing

2016: referee for *Análisis Filosófico*.

2013: referee for *THEORIA*.

2009: Referee for *SIRCA, International Symposium of Representation in Science and Art*.

VI. Administration and Professional Development

2015: Organization of the *MS7 workshop*.

2014: Organization of the *IX Congreso Internacional de Metateoría Estructuralista*.

2013-2014: Convenor of the weekly LOGOS Graduated Reading Group (GRG)

Since April 2010 until August 2012: Scholarship Tutor of several students at *Universidad Nacional de Quilmes* (UNQ).

V. Languages

Spanish: Native speaker. **English:** C1. **Catalan:** C1. **French:** A1. **Ancient Greek:** basic.