

CURRICULUM VITAE

Name: Damián

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Date of birth: 22/02/1981

Marital status: single

Nationalities: Argentinian and German

Work experience

Graduate teaching experience

- Since 2023 Professor at the University of Buenos Aires (UBA). School of Agriculture. Department of Plant Production. Chair of Plant Pathology. Courses of "Plant Pathology" of Agricultural Engineering and "Bioindicators" of Environmental Sciences.
- Since 2015 Lecturer in charge (since 2023 Professor in charge) of the course "Peasant agroecosystems" of the Chair of Agroecology (UBA).
- Since 2015 Assistant Professor. Chair of Agroecology for the course of "Agroecology". (UBA)
- Since 2021 Professor at the National University of Hurlingham (Argentina). Career of "Technician in Agroecological Production".
- 2012 Assistant Professor. Course of "Human Right to Food". Chair of Food Sovereignty. (UBA)
- 2004-2022 Assistant Professor. Department of Plant Production. Chair of Plant Pathology. (UBA)

Postgraduate teaching experience

- 2024 Participation in the design of a Superior Course in "Agroecology and Food Sovereignty" for African countries. Collaboration of the National University of Hurlingham (Argentina) with the Pan-African University (PAU).
- Since 2021 Co-head of the Superior Course in Agroecology (Diplomatura Universitaria en Agroecología), National University Comechingones (San Luis province, Argentina).
- Since 2021 Head of the course "Agroecology and Food Sovereignty" of the Specialization in Rural Development of the University of Buenos Aires (UBA).
- Since 2021 Head of the course "Agricultural production systems" of the Master's degree in Rural Development of the National University of Misiones (Misiones province, Argentina).
- Since 2019 Participation in the course "Agroecology" of the University of the Republic (UdelaR), Uruguay (five editions).
- 2022 Participation in the course "Ecology and management of crop adversities" of the Specialization in Agroecology of the University of Buenos Aires (UBA).

International lectures

- 2023 Germany – Lecture at the University of Münster in the frame of an academic exchange about agroecological management of crop diseases and promotion of crop health. (In English)
- 2021 Germany – Seminar of Agroecology at the University of Münster. Lecture on agriculture and experiences of implementation of Agroecology in Argentina. (In German)

- 2020 Uruguay – Uruguayan Society of Plant Pathology. Lecture at the webinar cycle about crop health from an agroecological perspective.
- 2020 Ecuador – Catholic University of Ecuador. Panelist at the online forum about Agroecology in Argentina.
- 2020 Colombia – Pedagogic and Technological University of Colombia. Faculty of Engineering. Lecture about crop health from an agroecological perspective.
- 2020 Brazil - Lecture in the course “Ecological management of diseases and animal pests of plants” of the Federal University of Santa Catarina (UFSC). (In Portuguese)

Rural Extension (non-formal education)

- 2008-2009 National Institute for Agricultural Technology. Instituto Nacional de Tecnología Agropecuaria (INTA), Argentina. Head of Project of Rural Development for Small Farmers at the Delta of the Parana River.
- Since 2009 Head of project of university extension and participatory research at the University of Buenos Aires (UBA) with peasant organizations of the provinces of San Luis and Misiones, Argentina. Related to the course “Peasant agroecosystems”. (See: Conferences section).

Research Activities (selection)

- 2023-2024 Head of the Project “Effect of vegetation diversification and soil health on the community of pathogens of wheat and tomato of Pampean agroecosystems (Argentina).” (Funding code: UBACyT 20020220400344BA)
- 2020-2022 Head of the Project “Effect of the design and management of Pampean agroecosystems on the community of plant pathogens of wheat and tomato”. (Funding code: UBACyT 20020190200303BA)
- 2018-2021 Participation in the Project “Sustainable management of bacterial diseases of tomato”. (Funding code: UBACyT 2002017010069BA).
- 2014-2017 Participation in the Project “Strategies for management of the native forest to rehabilitate the herbaceous layer of small farmer’s agroecosystems of the semi-arid Chaco region”. (Funding code: 20020130100312BA).

Thesis supervision (most recent)

- 2023 Salinas Chaparro, S. Degree Thesis for Environmental Sciences. (UBA) In progress.
- 2023 Corsi, F. Degree Thesis for Agricultural Engineering. (UBA) In progress.
- 2022 Ibarra, S. Master Thesis for Plant Production (UBA). In progress.
- 2021 Poveda Ducon, K. Degree Thesis for Environmental Sciences. (UBA) Finished.
- 2020 Leibovich, T. Master Thesis of Natural Resources (UBA). Finished.
- 2019 Biggeri, M.E. Master Thesis of Soil Science (UBA). In progress.

Reviewer Activities

- 2021 International Journal of Pest Management
- 2021 Agrotecnia, Journal of the National University of the Northwest (Argentina)
- 2019 Plant and Soil
- 2019 Journal of the School of Agricultural Sciences of the Cuyo National University (Argentina)

University Administrative Experience

- 2023 Coordinator in charge of the Latin American Seminar, School of Agriculture, UBA. Seminario Latinoamericano de Agroecología (SELAE). Participants from Bolivia, Uruguay, Chile, Colombia, and Argentina.
- 2014-2016 Curricular Commission of Agricultural Engineering (UBA)
- 2008-2014 Commission of Study Trips (UBA)
- 2010 Commission of University Extension (UBA)

Publications

- Vega, D., Ibarra, S., Varela Pardo, R. A., & Poggio, S. L. (2023). Agroecological management of crop diseases: a review. *Agroecology and Sustainable Food Systems*, 47(7), 919-949.
- Vega, D., Ibarra, S.; Monzón, J., & Jacobo, E. (2021) Natural agriculture in the Southern Pampas (Argentina): the case "Monte callado". Original in Spanish: Agricultura natural en la pampa austral argentina: el caso "Monte Callado". *Revista Brasileira de Agroecología* (Brazilian Journal of Agroecology), 16(1), 28-39.
- Vega, D.; Gazzano, I.; Salas-Zapata, W.; & Poggio, S.L. (2020) Revising the concept of crop health from an agroecological perspective. *Agroecology and Sustainable Food Systems*, 44(2), 215-237.
- Vega, D., Gally, M.E., Romero, A.M, & Poggio, S.L. (2019). Functional groups of plant pathogens in agroecosystems: a review. *European Journal of Plant Pathology*, 153(3), 695-713.
- Romero, A. M., Vega, D., Pizzorno, R., Cordon, G., & Correa, O. S. (2018) Hydraulic and leaf reflectance alterations induced by *Clavibacter michiganensis* subsp. *michiganensis* on tomato plants. *European Journal of Plant Pathology*, 152(2), 567-572.
- Wassermann, E., Montecchia, M. S., Correa, O. S., Vega, D., & Romero, A. M. (2017). *Clavibacter michiganensis* subsp. *michiganensis* strains virulence and genetic diversity. A first study in Argentina. *European Journal of Plant Pathology*, 149(1), 35-42.
- Vega, D. & Romero, A.M. (2016) Survival of *Clavibacter michiganensis* subsp. *michiganensis* in tomato debris under greenhouse conditions. *Plant Pathology*, 65, 545–550.
- Romero, A.M., Vega, D. & Correa, O.S. (2014) *Azospirillum brasilense* mitigates water stress imposed by Bacterial Canker by increasing xylem vessel area and stem hydraulic conductivity in tomato. *Applied Soil Ecology*, 82, 38-43.

Conferences and Presentations in Congresses (selection)

- Ibarra, S., Fernández, P.L., Gonzalez-Arzac, A., Monzón, J., Salinas Chaparro, S., Zamora, M., Vega., D. (2023). Wheat diseases and their relation to the design and management of agroecological and conventional agroecosystems in the Southern Pampa. [Original in Spanish] III Argentinian Congress of Agroecology. Comarca Andina, Argentina.
- Biggeri, M.E.; Fernández, P. L.; Vega, D.; Gallardo, N. L.; Behrends Kraemer, F. (2023). Structural stability and hydrophobicity in soils: comparison between agroecological and conventional systems in Santa Fe. [Original in Spanish] III Argentinian Congress of Agroecology. Comarca Andina, Argentina.
- Nazábal, B.; Fernandez, P, Perri, D.; Biggeri, M.E.; Destefano, C.; Facio, F.; Leibovich, T.; Mochi, L.; Fixman, C.; Vega. D. (2020). Characterization of the agroecological transition in its ecological-productive dimension in lands recovered from a forestry multinational firm by the peasant organization "Productores Independientes de Piray", Misiones (Argentina). [Original in Spanish] VIII Latin American Congress of Agroecology. Montevideo, Uruguay.
- Mochi, L.S.; Leibovich, T.; López del Valle, C; Cotroneo, S.M.; Jacobo, E.; Venturelli, P.; Frank, F. Magliano, P. y Vega, D. (2019) Rest-rotation grazing in peasant agroecosystems of the Conlara valley (San Luis, Argentina) as management practice of the native forest. [Original in Spanish] I Argentinian Congress of Agroecology. La Plata, Argentina.

Book chapter

Vega, D. & Gorosito, N. (2022) Management of crop biotic adversities. Original in Spanish: Manejo de adversidades biológicas de los cultivos. In: Agroecosistemas. Caracterización, implicancias ambientales y socioeconómicas. Ed.: Patricia L. Fernández y Patricia Lombardo. Facultad de Agronomía de la Universidad de Buenos Aires (UBA), Argentina.

Professional Affiliations and Memberships

Argentine Society for Agroecology. Sociedad Argentina de Agroecología (SAAE) – Founder member

Latin American Scientific Society of Agroecology. Sociedad Científica Latinoamericana de Agroecología (SOCLA) - Member

Scholarships

2023 University of Münster (WWU), Germany. Short stay research. Institute of Landscape Ecology.

2016 Program of the University of Buenos Aires. Short stay research. University of the Republic (UdelaR), Uruguay.

2013 Program “Pablo Neruda”. Academic exchange in the National University of Colombia.

2013 Latin American Scientific Society of Agroecology (SOCLA) for the Ph.D. studies at the University of Antioquia, Colombia.

2011 German Academic Exchange Service (DAAD) for the course of German in Düsseldorf, Germany.

Education

2019 Ph.D. in Agroecology - University of Antioquia (Colombia) in collaboration with Latin American Scientific Society of Agroecology (SOCLA).

2015 Master of Science in Plant Production with orientation in Plant Protection, School of Agriculture, University of Buenos Aires (UBA).

2006 Agricultural Engineer (UBA). (Mean degree: 8,14 of 10).

1998 Bilingual Secondary School German-Spanish. Orientation Physic-Mathematic. Deutsche Schule “Villa Ballester”.

Languages and skills

Spanish – Native language

English – C1 level

German – C1 level

Portuguese – B2 level

IT: Advanced use of Windows, Microsoft Office Apps (Excel, Word, and PowerPoint), Google Earth Pro.