Curriculum vitae: Jorge E. Perez Peña

INTA LABINTEX
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ACTUAL POSITION:

Since 2016 **Coordinator LABINTEX INTA, Montpellier France.**

EDUCATION

2004 **Philosophy Doctor (Ph.D.)** Horticulture and Landscape Architecture Department, Washington State University, USA. Thesis title: Whole-canopy photosynthesis and transpiration under regulated deficit irrigation in *Vitis vinifera* L. cv. Cabernet Sauvignon.

2000 **Magister Scientiae (Mg.Sc.)** Irrigation and Drainage. Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo, Mendoza, Argentina. Thesis title: Water deficit during berry development. Effects on vegetative and reproductive growth, yield and grape quality on *Vitis vinifera* cv. Cabernet Sauvignon.

1989 **Agronomy Engineer (Ing. Agr.)** Facultad de Agronomía, Universidad Nacional de Buenos Aires, Ciudad Autónoma de Buenos Aires, Argentina.

EMPLOYMENT HISTORY

2015. Coordinator INTA National Specific Project – INTA National Fruit Production Program PE1105064 "Ecophysiology and Sustainable Fruit Production Management".

15/10/2014 – 30/03/2015 – Acting Director (in charge) – EEA Mendoza INTA

since 2008 **Research Coordinator –** EEA Mendoza INTA

since 2013-2014 **Animator Regional Project with Territorial Approach** "Development of the North Oasis of the EEA Mendoza INTA".

7/2006 -7/09 **INTA Regional Coordinator of the Regional Project: Support to the Regional Viticulture and Wine Industry Development -** Centro Regional Mendoza-San Juan INTA.

7/2006- 7/09 **INTA National Coordinator** Integrated Project "Ecophysiology and Pest Management in Tree Fruit Production" – INTA National Tree Fruit Production Program

7/2005- 6/2006 **Researcher permanent position INTA.**

1/1999-6/2005 **Researcher non-permanent position INTA.**

1/1994-12/98 **INTA Research Initiation and Improvement scholar**

PROFESIONAL AFFILIATIONS

since 2013 **Professional Member - Australian Society of Viticulture and Oenology.**

since 2014 **Professional Member – American Society of Enologya and Viticulture.**

SERVICE ACTIVITIES

since 2014 Lecturer at **Euromaster Vinifera** – Vine Ecology and Ecophysiology Module.

9/2008-6/10 **Scientific Committee Member -** Master Program in Viticulture and Enology and

Master Program in Irrigation and Drainage, Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo, Mendoza.

since 2011 **Adjunct Graduate Faculty**, PhD Program PROBIOL (Facultad de Ciencias – Agrarias y Facultad de Medicina), Universidad Nacional de Cuyo, Mendoza and PhD Program, Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo, Mendoza.

since 2006 **Adjunct Graduate Faculty**, Master Program in Irrigation and Drainage, Facultad de Ciencias Agarias, Universidad Nacional de Cuyo, Mendoza.

since 2011 **Committee Member**, AD hoc Comission of Research, Development and Innovation - Corporación Vitivinícola Argentina - COVIAR.

1/2005-12/07 **Representative at INTA** of INTA Researchers and INTA Extensionists at the INTA Regional Council of the States of Mendoza and San Juan.

since 2005 **Master Thesis Jury.** Master Program in Viticulture and Enology and Master Program in Irrigation and Drainage, Universidad Nacional de Cuyo.

PROFESSIONAL ACTIVTIES

since 2005 Peer reviewer for scientific journals: American Journal of Enology and Viticulture, Australian Journal of Grape and Wine Research, Irrigation Science, Reviewer for scientific journals: Asociación Argentina de Horticultura, Reviewer for fundings for projects of the Fondo Nacional de Ciencia y Tecnologia – FONCYT, Argentina.

SCIENTIFIC ARTICLES (most recent)

Dayer, S., Prieto, J., Galat, E., Perez Peña, J. 2015. Leaf carbohydrate metabolism in Malbec grapevines: combined effects of regulated deficit irrigation and crop load strategies. Australian Journal of Grape and wine Research 22:115- 123.

Tarara, J. M. and Perez Peña, J. 2015. Moderate Water Stress from Regulated Deficit Irrigation Decreases Transpiration Similarly to Net Carbon Exchange in Grapevine Canopies. Journal of the American Society of Horticultural Science 140, 413-426. Dayer, S., Prieto, J., Galat, E., Perez Peña, J. 2013. Carbohydrate reserve status of Malbec grapevines after several years of regulated deficit irrigation and crop load regulation. Australian Journal of Grape and Wine Research 19: 422-430.

Dayer, S., Prieto, J., Galat, E., Perez Peña, J. 2013. Carbohydrate reserve status of Malbec grapevines after several years of regulated deficit irrigation and crop load regulation. Australian Journal of Grape and Wine Research 19: 422-430.

Galat Giorgi, E., Perez Peña, J., Roig, F., Sadras, V., and Keller, M. 2013. Heat waves: effect on budbreak date, shoot growth and xylem vessel of Vitis Vinifera cv. Malbec . In: Proceedings of the 18 International Symposium GiESCO, July 2013, Port, Portugal. 1, 271-275.

Prieto, J., Louarn, G., Perez Peña, J., Ojeda, H., Simonneau, T., Lebon, E. 2012. A leaf gas exchange model that accounts for intra-canopy variability by considering leaf nitrogen content and local acclimation to radiation in grapevine (*Vitis vinifera* L.). Plant, Cell & Environment 35: 1313-1328.

Tarara, J. M., Perez Peña, J. E., Schreiner, R. P. Keller, M., Smithyman, R. 2011. Net carbon exchange in grapevine canopies responds rapidly to timing and extent of regulated deficit

irrigation. Functional Plant Biology 38, 386-400.
Galat Giorgi, E., Perez Peña, J., Prieto, J. 2011. Effects of canopy exposure changes on plant water status in grapevine cultivar Syrah. Acta Horticulturae 889, 105-111.
Puertas, C., Trentacoste, E. R., Morábito, J. A., Perez Peña, J. 2011. Effects of regultaed deficit irrigation during satge III of fruit development on yield and oil quality of olive trees (*Olea europaea* L. "Arbequina"). Acta Horticulturae 889, 303-309.
Prieto J., Galat E., Perez Peña J. (2010). Modeling photosynthetic-light response on Syrah leaves with different exposure. Vitis 49, 145-146.
Tarara, J. M., Ferguson, J. C., Hoheisel, G. A., and Perez Peña, J. E. 2005. Asymmetrical canopy architecture due to prevailing wind direction and row orientation creates an imbalance in irradiance at the fruiting zone of grapevines. Agricultural and Forest Meteorology 135, 144-155.
Tarara, J. M., Perez Peña, J. E., and Keller, M. 2005. Using whole-photosynthesis to understand the effects of water deficit irrigation on premium wine grapes. Acta Horticulturae 689, 301-307.
Perez Peña, J. and Tarara, J. 2004. A portable whole canopy gas exchange system for several mature field-grown grapevines. Vitis 43, 7-14 (selected for cover illustration).