

# Pedro W. Vertino de Queiroz, Ph.D.

## Contact information:

E-mail: pqueiroz@vt.edu

Department of Agricultural and Applied Economics, Virginia Tech

Office: Hutcheson Hall, 202A

Address: 250 Drillfield Dr., Blacksburg, VA 24060

## Education:

Ph.D., Agricultural Economics, University of Nebraska-Lincoln, USA, 2016-2021

D.S. Applied Economics, Federal University of Viçosa, Brazil, 2015-2020

M.S. Applied Economics, Federal University of Viçosa, Brazil, 2013-2015

B.S. Economics, State University of Ponta Grossa, Brazil, 2007-2010

## Teaching and research interests:

Agricultural Economics

Applied Microeconomics

## Academic Experience:

Instructor, August 2023-Present

Department of Agricultural and Applied Economics (AAEC), Virginia Tech

Lecturer, July 2021 – August 2023

Department of Agricultural Sciences, Clemson University

## Teaching Activities:

Virginia Tech

AAEC 1005 – Economics of the Food and Fiber System

AAEC 3504 – Marketing of Agricultural Products

AAEC 4514 – Advanced Agribusiness Marketing

AAEC 3424 – Value-based Management in Agribusiness

AAEC 3984 – Principles of Agricultural Sales

Clemson University

AGRB 2020 - Agricultural Economics

AGRB 2050 - Agriculture and Society

AGRB 3090 - Economics of Agricultural Marketing

AGRB 3510 - Principles of Agricultural Sales Management

AGRB 4900 - Microeconomics Applied to Agribusiness

University of Nebraska-Lincoln

ECSN 230 – Energy and the Environment: Economics and Policies  
(Instructor) - Fall 2018, 2019, 2020

AECN 901a – Production Economics I (Ph.D. level) (TA) – Fall 2019

AECN 902a – Production Economics II (Ph.D. level) (TA) – Spring 2020

Federal University of Viçosa, Brazil

Intermediate Microeconomics (TA) – Spring 2016.

Peer-reviewed publications:

1. Queiroz, Pedro W. V.; Perrin, Richard K.; Fulginiti, Lilyan E.; Bullock, David S., "An Expected Value of Sample Information (EVS) Approach for Estimating the Payoff from a Variable Rate Technology", *Journal of Agricultural and Resource Economics*, Volume 48, Issue 1, January 2023, Pages 1-13.
2. Queiroz, P., A. B. Coelho. 2019. "Food away from home in Brazil: the role of sociodemographic factors and family structure", *International Journal of Social Economics*, 46 (4): 503-522.
3. Carrillo, B., P. W. V. Queiroz, C. Charris, A. Coelho. 2017. "New evidence of the effects of body weight on labor market outcomes in a developing country". *Pesquisa e Planejamento Econômico*, 47 (2): 177-196.
4. Queiroz, P. W. V., A. B. Coelho. 2017. "Alimentação fora de casa: uma investigação sobre os determinantes da decisão de consumo dos domicílios brasileiros". *Análise Econômica*, 35(67). <https://doi.org/10.22456/2176-5456.57132> (published in Portuguese).

Work in progress:

"A note on the nature of technical change in South American Agriculture" (with Lilyan E. Fulginiti and Richard K. Perrin). Preparing for submission.

Conference presentations:

1. "Induced innovation in South American agriculture: deforestation and directed technical change". International Association of Agricultural Economists (IAAE) meetings, ICAE, online. 2021.
2. "The effect of remote sensing drought indicators on agricultural yield: Evidence from Southern Brazil". Agricultural & Applied Economics Association (AAEA) Virtual meeting, 2020.
3. "Induced innovation in South America: Acemoglu's directed technical change". Agricultural & Applied Economics Association (AAEA) meetings, Atlanta, GA, 2019.

4. "Incorporating the sampling distribution of a soil signal for an ex-ante evaluation of precision agriculture". Agricultural & Applied Economics Association (AAEA) meetings, Atlanta, GA, 2019.
5. "The role of the sampling distribution of a soil signal for an ex-ante evaluation of precision agriculture". Western Agricultural Economics Association (WAEA), Coeur d'Alene, ID, 2019.
6. "How did technical change affect land use in Brazilian Agriculture?". Agricultural & Applied Economics Association (AAEA), Washington, DC, 2018.
7. "Ex-ante expected payoff from variable rate N application: an expected value of sample information (EVSI) approach". Agricultural & Applied Economics Association (AAEA), Washington, DC, 2018.
8. "How did technical change affect land use in Brazilian Agriculture?". International Association of Agricultural Economists (IAAE) meetings, ICAE, Vancouver, Canada, 2018.

Awards:

Tomek Outstanding Ph.D. Student Award, Dep. of Agricultural Economics, UNL, Lincoln-NE.

Widaman Distinguished Graduate Assistant Award, College of Agricultural Sciences and Natural Resources, UNL, Lincoln, NE.

Service activities:

Referee:

Journal of Food and Agricultural Industrial Organization

Journal of Agricultural and Applied Economics

Student clubs:

Advisor for the National Agricultural Marketing Association (NAMA) club at Virginia Tech.

Professional development:

"Programming with Python" course (from Carnegie Mellon University continuing education program)

Other skills:

Languages: English (fluent), Portuguese (native), Spanish (advanced) and French (intermediate).

Computer programs: STATA, R, SAS, and E-views.

Last updated: May 2024