

ANA CAROLINE FONSECA

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RESUME PROFILE

I graduated with a bachelor's degree in Veterinary Medicine in Brazil with experience in research, food control, animal nutrition, swine, and poultry husbandry.

EDUCATION

The Pennsylvania State University

-Master's in animal science (January 2021-currently)

Federal University of Uberlandia

-B.S. Veterinary Medicine (August 2017)

Kansas State University (Manhattan, Kansas)

-Exchange student (Brazil Scientific Mobility Program-Science without board) (August 2013-December 2014)

LANGUAGES

Advanced English

-English Language Program – Kansas State University

-Centro de Cultura Anglo-Americana (CCAA).

Basic Spanish

PROFESSIONAL EXPERIENCE

Nuscience Belgium

– Product Developer for monogastric – Gastrointestinal Health and Nutrition Solution (December 2018-2020).

Trainee- Nuscience Belgium

– Product Development – Swine research team- Gastrointestinal Health and Nutrition Solution (September 2017-2018).

Internship- Brazil Foods (BRF)

--Livestock Production--Sow reproduction and husbandry- Uberlandia (June / August 2017).

Internship- Brasil Foods (BRF)

–Livestock production- Broiler husbandry- Uberlandia (February-May/2017).

Internship- Federal University of Uberlândia

–Laboratory of Biotechnology - FAMEV-UFU. Advisor: Dr. Daise Aparecida Rossi (August 2015- 2016)

Federal University of Uberlândia

–Internship. Laboratory of Teaching and Researching wild animals- FAMEV-UFU. Advisor: Dr. André Luiz Quagliatto Santos (August 2011- July 2012).

SCHOLARLY ACTIVITY

Scientific Research

Scholarship of Junior Scientific Research Program PIBIC/FAPEMIG (2016-2017)

--Research Project and thesis- Comparison of genetic variability of *Salmonella* Gallinarum isolated in different regions of Brazil.

Kansas State University-

--Research Project (*Topic: Preserving Anaerobic Cells*). Animal Science and Industry Problems Course. Research cattle beef center. (August 2014-December 2014 – a total of 45 hours).

Scholarship of Junior Scientific Research Program PIBIC/CNPq (2012-2013)

--Research Project- Use of colloidal gold for scanning binding proteins of *Moringa oleifera* and their use as additives for photoinactivation of microorganisms.

Scholarship of Junior Scientific Research Program PIBIC/CNPq (2011-2012)

--Research Project- Use of agglutinating proteins of *Moringa oleifera* as additives for photoinactivation of micro-organisms.

Teaching Assistant

Federal University of Uberlandia--Department of Bacterial Diseases of Domestic Animals of Veterinary Medicine (2016)

--Laboratory Assistant

Publications

Fonseca Ana Caroline, 5 reasons why banning zinc oxide is good: Pig Progress. (2019)

Presentations:

--The negative effects of Zinc Oxide in piglets' diet. Nuscience Group, Paper presentation, technical seminar. (2018)

--*Science without board*. GADI (Grupo de Apoio aos discentes ingressantes), Lecture (2016)

--Photodynamic inactivation of fecal coliforms using the crude extract of *Moringa oleifera* as an additive. ERSBQ- Ouro Preto, Paper presentation (2012)

--Photodynamic Inactivation of *Escherichia coli* using crude extract of *Moringa oleifera* and *Bidens sulphurea*. Encontro Mineiro de Biomedicina UFTM- Uberaba, Poster presentation (2012)

CONFERENCES PARTICIPATION

1. Gut Health in Pigs and Poultry: Wageningen University, the Netherlands, May 2019.
2. PROHEALTH - Sustainable pig and poultry production, 27-28 November 2018, Ghent- Belgium
3. Presenting with impact: Practice-oriented training to improve skills on presentations- ATOLO communication company, 2018.
4. IX Encontro Técnico Ciência e Tecnologia Avícolas, 2016.
5. 15th International Symposium of milk production, 2015.
6. Production of hens: Critical aspects of production, sanity and the current Market, 2015.
7. Dairy Cattle Management Meeting, 2015.
8. 4th Symposium of Bovine Production of Triangulo Mineiro, 2015.
9. Management of the reproductive efficiency of dairy cattle and the progesterone supplementation to increase the efficiency of the reproduction of the cows, 2015.
10. First Symposium of Equine nutrition: The importance of providing an adequate diet, 2013.
11. Second Brazilian Symposium on Ruminants Reproduction in the Cerrado, 2013.
12. 10th Mineiro Meeting of Biomedicine, 2013.