



Facilities

Research activities occur in field and laboratory facilities, including experimental areas that contain swine, poultry, goats, sheep, equine, beef and dairy cattle facilities for digestion, metabolism, and reproductive studies on animals, performance trials for farm animals, complete chemical analyses of feedstuffs and genomics & molecular research labs. The program also count on one of the largest veterinary hospitals in the country, and facilities for carrying out studies on laboratory animals and wildlife, on microbiology applied to animal health and production, and biology and biochemistry of parasites & parasitism, and vectors and vector-borne pathogens of interest in animal health and production.



Target audience

Graduate professionals interested in conducting original research in the fields of production, reproduction, and health of farm animals and fisheries, pets and laboratory animals, and health, production, and conservation of wild animals are most welcome.



Scientific Cooperation

Faculty members of the Graduate Program in Animal Science have been establishing several partnerships with Scientists of many universities of the Country, as well as partnerships with relevant universities worldwide. Students are encouraged to participate at international congresses and workshops about all subjects regarding production, reproduction, nutrition, and health of domestic and wild animals. Students are also encouraged to compete for a one-year sandwich doctorate scholarship to consolidate the internationalization standards of our research and education processes.



GRADUATE PROGRAM IN ANIMAL SCIENCE



History

The Graduate Program in Animal Science (PGA) at UENF has begun in 1997 at both Master and Doctorate levels. Scientists that work on Animal Reproduction, Animal Health, and Animal Science have joined to create an interdisciplinary team by gathering expertise and efforts to perform high-level research and education in Animal Science. The Program is headquartered at Northern Rio de Janeiro State and operates within a tuition free, public institution maintained by taxpayers to award both Master and Doctorate degrees based on production of original research in Animal Science and Related fields. Historically, the governmental agencies FAPERJ, CAPES, and CNPq have been providing scholarships for our graduate students and grants for our advisors.



Purpose

We aim to provide high-level education and training while maintaining advanced studies to find solutions from basic and applied sciences that, ultimately, provide the means for achieving the sustainable development of our society and for the progress of Animal Science. The animal sciences support agricultural activities on all facets of production, reproduction, and health of both domestic and wild animals as an essential part of human action, and as such, demand the training of qualified personnel and production of scientific knowledge for that goal.



Universidade Estadual do Norte Fluminense Darcy Ribeiro



SUPORTE/SUPPORTED BY:



GRADUATE PROGRAM IN ANIMAL SCIENCE

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🏠 <http://uenf.br/posgraduacao/ciencia-animal/>

*Para acessar este conteúdo e demais informações na língua portuguesa, por favor acesse a nossa página da internet.



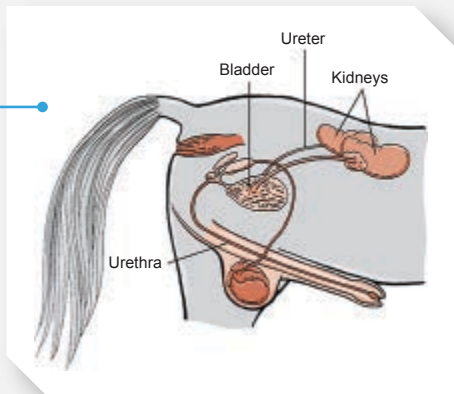
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RESEARCH AREAS

ANIMAL REPRODUCTION

The physiology and biotechnology of reproduction of farm, pet, and wild animals are present in the program research lines. Aspects of the genetic control of animal reproduction, both at the quantitative and molecular levels, in vitro fertilization, embryo transfer, artificial insemination, cryopreservation, and manipulation of the sequence of events that involve the reproductive biology of farm, pet, and wild animals lie within the main research interests of our team.



ANIMAL PRODUCTION

Aspects related to the nutrition, feeding, animal breeding & genetics and management of ruminant and non-ruminant animals and fisheries are covered. Our advisors target as research interests the quantitative ruminant and non-ruminant nutrition, forage and pasture production, quantitative and molecular genetics, meat science and processing, and animal behavior & welfare. Subjects of interest are cattle, sheep, goats, water buffaloes, swine, poultry, fish, laboratory animals, and pets (e.g., dogs, cats, and fish), in which all aspects related to the production of these animals may concern.



ANIMAL HEALTH

Investigations on causes and prevention of major infectious, parasitic, vector, and vector-borne diseases, as well as pathologies that affect farm, pet, laboratory, and wild animals, experimental surgical procedures for large and small animals, aspects of animal morphology, molecular and genetic diagnostics, and biochemistry, genetics and biology of parasites and microbes that impact animal health and production are in the spotlight of our research activities.



Faculty – Research Interests

- Alberto Magno Fernandes – Dairy Cattle & Ruminant Nutrition
- Adriana Jardim de Almeida – Domestic & Wild Animals Health
- Álvaro Fabrício Lopes Rios – Animal Genetics & Epigenetics
- Ana Bárbara Freitas Rodrigues – Animal Morphology
- André Lacerda de Abreu Oliveira – Small Animal Surgery & Health
- Angelo José Burla Dias – Animal Reproduction
- Carlos Eurico Pires Ferreira Travassos – Animal Health & Infectious Diseases
- Carlos Jorge Logullo de Oliveira – Biochemistry of Animal Parasites
- Celia Raquel Quirino – Animal Breeding & Genetics
- Dálcio Ricardo de Andrade – Fisheries Management & Ecology
- Eulógio Carlos Queiroz de Carvalho – Animal Health & Pathology
- Fábio da Costa Henry – Meat Science & Processing Technology
- Fernanda Antunes – Animal Health – Anesthetic Drugs and Analgesia of Animals
- Francisco Carlos Rodrigues de Oliveira – Animal Parasitology & Parasitic Diseases
- Hernán Maldonado Vasquez – Range, Forage and Pasture Science
- Isabel Candia Nunes – Animal reproduction
- Leonardo Serafim da Silveira – Morphology of Domestic and Wild Animals
- Leonardo Siqueira Glória – Animal Breeding & Genetics
- Manuel Vazquez Vidal Júnior – Aquaculture, Fisheries Management & Ecology
- Maria Clara Caldas Bussiere – Animal Reproduction
- Marinete Pinheiro Carrera – Drug Response in Laboratory Animals
- Olney Vieira da Motta – Microbiology Applied to Animal Health and Production
- Paula Alessandra Di Filippo – Large Animals Surgery & Health
- Ricardo Augusto Mendonça Vieira – Goat Production & Quantitative Ruminant Nutrition

Research Area: Animal Science & Fisheries

PROGRAM RECOMMENDED BY CAPES
GRADE 4

PROGRAM COORDINATOR:
Prof. Ricardo Augusto Mendonça Vieira