



The Ontario School of Agriculture opened its doors in May 1874, with academic oversight by the University of Toronto. In 1880, the name was changed to the Ontario Agricultural College (OAC) and Experimental Farm.

OAC, together with the Ontario Veterinary College and the Macdonald Institute, form the nucleus of the University of Guelph, which was established in 1964. The University of Guelph is consistently ranked as one of Canada's top comprehensive universities.

From undergraduate education to research and development activities, OAC collaborates with institutions and partners around the world to promote effective solutions for issues related to food, agriculture, environment and sustainable rural communities.

4 Departments:

- Animal and Poultry Science
- Food, Agricultural and Resource Economics
- Food Science
- Plant Agriculture

2 Schools:

- School of Environmental Design and Rural Development
- School of Environmental Sciences

4 Campuses:

- Guelph
- Alfred (French language)
- Kemptville
- Ridgeway

The Arboretum

Established in 1971 and spanning 165 hectares (408 acres) The Arboretum houses specialized gardens, botanical collections, and gene conservation programs.

The Guelph Turfgrass Institute

The first of its kind in Canada, GTI is recognized as a world-class centre for research, extension and professional development in turf production and management.

Students

1900

Undergraduate

In the Bachelor of Science, Bachelor of Science (Agriculture), Bachelor of Science (Environmental Sciences), Bachelor of Landscape Architecture, Bachelor of Arts (Food, Agriculture and Resource Economics), Bachelor of Commerce (Food and Agricultural Business) and Bachelor of Bio-Resource Management

750

Graduate

Across more than 15 specialized graduate programs of study. 30 percent of graduate students at the University of Guelph are in OAC.

900

Diploma

In Agriculture; Agri-Food Leadership; Environmental Management; Equine; Food, Nutrition and Risk Management; Horticulture; Turfgrass Management; Veterinary Technology

UNIVERSITY
of GUELPH

CHANGING LIVES
IMPROVING LIFE

Faculty

130

Full-time faculty

Staff

350

Regular full-time –
Guelph campus

Alumni

30,000

living alumni
around the world

Research Leadership

OAC comprises more than 40% of the research funding at the University of Guelph, more than \$50 million annually.

Under a partnership agreement with the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) and the University of Guelph, OAC is a primary contributor in the delivery of research, education and laboratory services on behalf of the provincial government, ensuring the long-term global competitiveness and sustainability of Ontario's agriculture and food system. This partnership boasts an annual economic impact that exceeds \$1.15 billion.

As part of the OMAFRA partnership, OAC assists in the management of a province-wide network of 13 Research Stations.

OAC is proud to host:

- Eight Canada Research Chairs
- The Premier's Research Chair in Biomaterials and Transportation
- The Inaugural Loblaw Chair in Sustainable Food Production [a Canadian first]
- Ontario Dairy Council/NSERC Industrial Research Chair in Dairy Technology
- The Egg Farmers of Canada Research Chair in Poultry Welfare [a Canadian first]
- The Rebanks Family Chair in Pollinator Conservation

OAC is affiliated with more than 20 Canadian Research Institutes and Centres.

The School of Environmental Sciences (SES) leads two national strategic research networks funded by the Natural Sciences and Engineering Research Council (NSERC): the Bioconversion Network and CANPOLIN – Canadian Pollination Initiative.

The Department of Food Science hosts the Canadian Research Institute of Food Safety, funded by federal and provincial agencies.

To learn more about OAC:

www.oac.uoguelph.ca



Did You Know?

Food

- Foods developed and enhanced by OAC researchers include Omega-3 eggs and cheese, the golden raspberry, Yukon gold potato, Guelph Millennium asparagus and the OAC garroy peanut.
- OAC's Bachelor of Science (Food Science) is Ontario's only accredited Food Science degree program.
- The Ice Cream Technology Course, the only one of its kind in Canada, has been offered annually by OAC since 1914.

Agriculture

- OAC's agricultural science research is ranked above all other universities in Canada for impact in areas including livestock nutrition, animal breeding, genetics and welfare.
- OAC scientists developed the first soybean variety registered in Canada - OAC 211 - in the 1920's. OAC Bayfield soybean, a variety developed and introduced in the 1980's, is regarded as one of the most successful strains ever developed and has contributed more than \$750 million to Ontario's economy.
- The direct value to Ontario producers of field crop, vegetable, fruit and fibre varieties developed by OAC's department of Plant Agriculture is \$50 million annually.
- The Bioproducts Discovery and Development Centre is staffed by a team of world class researchers and collaborators who are defining new frontiers in bio-based products as a substitute for non-renewable materials.
- The Campbell Centre for the Study of Animal Welfare was the first of its kind in Canada and is internationally recognized for research, education and advocacy of animal welfare.

Communities

- The Bachelor of Landscape Architecture program is the only English-language program of its kind in Canada. Both the Bachelor and Master's programs are accredited by the Canadian Society of Landscape Architects in association with the Landscape Architecture Accreditation Board of the United States.
- The MSc in Rural Planning and Development, the only accredited program of its kind in North America, prepares graduates for designation as Registered Professional Planner with the Canadian Institute of Planners and Ontario Professional Planners Institute.

Environment

- OAC's School of Environmental Sciences (SES) integrates life and physical sciences to address environmental challenges and probe new and vital areas of study in forest, aquatic and agro-ecosystems.
- From insects to outer space, SES provides collaborative leadership for a number of service-related enterprises including: the Controlled Environment Systems Research Facility and its Space Advanced Life Support Agriculture Program; the Honey Bee Research Lab; and the University of Guelph Insect Collection.