

University of Guelph

Institutional Project Grant (IPG)

Award Amounts:

YEAR	AMOUNT	USE OF FUNDS
2021 – 22	\$785,364.00	Advanced Analysis Centre
2020 – 21	\$532,760.00	Advanced Analysis Centre
2019 – 20	\$409,094.00	Advanced Analysis Centre
2018 – 19	\$294,843.00	Advanced Analysis Centre

2020 – 21 IPG Institutional Performance Objectives and Outcomes:

The IPG is used to support the strategic mission and objectives of the Advanced Analysis Centre (AAC - <https://www.uoguelph.ca/aac/about-aac>), the University of Guelph's (U of G) core institutional facility that provides the infrastructure and technical expertise to support advanced analytical technologies to foster research and education at the interface of the physical and biological sciences.

The AAC is a group of research laboratories housed in the University's Summerlee Science Complex. The AAC spans an area of over 1000 m² and contains over \$35 M of research equipment purchased with funds from the CFI, Ontario Research Fund, NSERC and internal investments. The AAC provides modern, centralized and highly serviced space for large-scale advanced analytical laboratories including state-of-the-art Nuclear Magnetic Resonance, Mass Spectrometry, Electron Microscopy, Advanced Light Microscopy, Genomics and a state-of-the-art plant growth facility.

The mission of the AAC is to provide researchers access to state-of-the-art research services, analyses, instruments and technology, technical expertise, and expert training and education that are generally too expensive, complex or specialized for researchers to cost-effectively provide and sustain themselves.

The IPG supports the operations and maintenance of the AAC, with the objective to foster science and scientific collaborations at the highest level. The grant supports AAC technical staff salaries, operations and maintenance of the technical equipment such that the mission and objectives of the facility are met. As such, the assistance provided to the AAC supports the following two IPG priority areas: Research Facilities, and Research Resources.

The institutional **performance objective** is to increase the use of centralized research scientific equipment through the AAC by offering cost effective and efficient testing and experimental support services to researchers across campus. The performance indicators used to monitor success include: 1) continuous improvement in both volume of services processed, relevance of services provided and response times for research services across all AAC research service facilities; 2) increased usage by researchers across campus (students, staff, faculty); 3) continued investment in new infrastructure.

Based on 2020-21 data, **target performance indicators** were not achieved, due largely to the global pandemic. Our goal is to increase user fee income by 5% annually and it is expected the AAC will reach these targets once normal operations resume. The University is actively recruiting new faculty members

and several new recruits are already using the AAC. Internal user fee income is highly dependent upon how successful faculty members are in securing grants to support their research, which changes from year to year. User fee income from external clients decreased by over 50% in this current fiscal year due to the pandemic. With a return to normal operations, it is expected that the AAC will achieve future year performance targets.