

CLIENT TESTIMONIALS

"TEAM is a wonderful program that is largely unique to Queen's. Many of the current PnuVax employees have been lucky enough to be involved in the TEAM program in one way or another over the years, with several of us having gone through the program ourselves as students. Through our participation in TEAM, we not only remain involved with the students, but also gain relevant and highly multidisciplinary aid on actual engineering projects from technical, economic, and legal perspectives. Furthermore, we have the opportunity to interact with students who are interested in both the field and our company, and are therefore potential future employees."

*Allison Turner, Development Engineer,
PnuVax SL Biopharmaceuticals, Inc.*

"TEAM is an excellent program. Agrium is very happy with the results it produces, the value it adds, and the relationships it helps build between Agrium and Queen's University. Agrium is excited to participate in the TEAM program again next year!"

Michael Dunlop, Project Engineer, Agrium Inc.

"The Bank of Montreal would like to thank Queen's University for the program, this project, and the opportunity to help develop the future generation. It is part of our brand promise to offer our involvement."

Donald Maximilian Wong, BMO Financial Group

"We have engaged the TEAM program on several

research projects over the past few years with great results. These projects have been used to launch further in-house research into key environmental challenges. Working with the TEAM project members has been a rewarding experience for my staff and me"

*Jim Brewington, Manager, Environmental Performance,
Shell Canada Limited*

"Our experience with the TEAM program has been extremely positive. TEAM members bring an energetic, focused and multidisciplinary perspective to problem solving. TEAM projects develop solutions that are practical and readily applicable to real world problems. The TEAM approach has provided excellent value for the time and money invested by OPG."

*Murray Patterson, Project Manager, Ontario Power
Generation Inc.*

FOR MORE DETAILS ON TEAM:

<http://TEAM.appsci.queensu.ca>

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TEAM TECHNOLOGY, ENGINEERING AND MANAGEMENT (TEAM) *Department of Chemical Engineering*



*Teaming with Industry
to Develop Tomorrow's Leaders*

TEAM
Course Empowered by



ABOUT TEAM

Technology, Engineering & Management (TEAM) is a multi-faculty project consulting course administered at Queen's University. The mandate of the program is to support clients and provide an industrial experience for students. The projects are executed by an interdisciplinary team of upper year students from the Faculty of Engineering and Applied Science, the Faculty of Law, the School of Business, and subject matter experts in the Faculty of Arts and Science. Students investigate current and/or future aspects of their client's business in order to provide practical recommendations or designs to solve problems, optimize processes, or determine the feasibility of a proposal.

TEAM PARTICIPATION BENEFITS FOR CLIENTS

TEAM is a win-win opportunity. Students participate in a one-of-a-kind industrial experience where they engage, advise and learn from their client while gaining technical and

business experience outside of the classroom. Companies participating in TEAM can expect:

- to initiate and/or complete projects enhancing their current labour, R&D, and financial capabilities
- to receive a low cost, high quality product resulting in excellent value
- detailed, informed and innovative recommendations to solve their firms' technical and/or business challenges
- Intellectual Property generated is owned by sponsoring Company
- a team of highly motivated, disciplined and results driven students guided by project mentors, Queen's faculty and industry advisors
- TEAM's use of leading edge software, research, prototyping facilities and library resources available at Queen's
- a first-hand assessment of prospective employees and future network contacts without a large investment in resources
- a stronger profile within the Queen's community

TEAM DETAILS

CLIENT REQUIREMENTS: When you join TEAM in late-summer you provide a project description and client contact. The time commitment on your part is flexible – throughout the project, TEAM requires roughly 1 – 1.5 hours per week. TEAM is not a co-op or internship – project work is completed on campus unless the project dictates otherwise. Typically, students will visit you on-site 1-2 times over the duration of the project but there are no requirements – student-client interaction is completely up to you.

COST: Clients pay a \$6,000 participation fee to cover a portion of student travel and research costs. Our students participate with the understanding that in addition to the academic and professional dimension of their work, they are financially engaged in the project's outcomes. In the case of extraordinary project requirements (i.e. travel, external lab testing, etc.), TEAM will negotiate an adjusted fee.

TEAM has been operating since the early 1990s and boasts an array of Canadian and American clients from industries including Oil & Gas, Automotive, Alternative Energy, Biotechnology, Manufacturing and Consumer Goods industries. Currently, the program facilitates approximately thirty projects per year.

TIMELINE



PAST TEAM PARTICIPANTS

Oil & Gas	Shell Canada BP Canada Imperial Oil Ltd. Nexen Inc. Paramount Energy Trust The Permedia Research Group Pembina PetroBakken Energy Ltd. Perpetual Energy Inc. Suncor Total E&P Canada Ltd.	Manufacturing, Construction & Consumer Goods	3M Bantrel Bombardier Inc. Casco Inc. DynaPlas Ltd. Lafarge Ontario East Wood Center & Eco-Industrial Park Polycorp Procter & Gamble Pure Ingenuity Inc.
Food & Beverage	Cadbury PLC The Grange of Prince Edward Labatt Brewing Company	Industrial Chemicals	Agrium Inc. Canadian Chemical Producers Association DuPont The International Group, Inc. (IGI) NOVA Chemicals
Mining & Metals	Cameco Corp. Canadian Wollastonite IAMGOLD Corp. Queen's Mining Department Recapture Metals Ltd.	Biotechnology & Bioenvironmental	Abbott Point of Care Baylis Medical Company Biovail Corporation Cangene Covidien Merck PnuVax Inc. Ravensview Water Pollution Control Plant Sentinel BioTech Inc.
Energy: Non-renewable and Alternative	Atomic Energy of Canada Ltd. Northland Power Ontario Power Generation Inc. PowerStream Inc. Regional Power Toronto Renewable Energy Co-operative	Government	City of Kingston Utilities Kingston
		Automotive	Honda Canada Magna

