

# ONTARIO ENGINEERING COMPETITION

Sponsorship Package



**QUEEN'S UNIVERSITY 2024**

January 26th-28th

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# ABOUT

## OEC

45<sup>TH</sup>

Annual OEC

9

Competitions

17

Universities

300

Competitors

The Ontario Engineering Competition (OEC) is an annual student-run, three-day competition that brings together more than 300 of the province's brightest students. Competitors demonstrate their engineering skills in a competitive environment, while also developing meaningful relationships with their peers. Over the past 45 years, the competition has grown to become one of the largest and highly anticipated engineering competitions in Canada. This year, Queen's University is proud to have been chosen to host in 2024.

For a team to qualify for OEC, they must win their respective university's qualifier competition. Teams are composed of 2-4 delegates, and there are nine available categories from which to compete: Junior and Senior Design, Programming, Debate, Re-Engineering, Consulting, Communications, Innovative Design, and Bio-Engineering. These categories test delegates' innovation, problem-solving, and leadership skills - all key qualities of a successful and well-rounded engineer. The highest performing teams from OEC will then represent Ontario at the Canadian Engineering Competition (CEC), to be hosted in 2024 by the University of Calgary.

Beyond the competitions, OEC is a fantastic opportunity for delegates to network with our corporate sponsors. Speaking with industry professionals from a variety of engineering-related fields exposes delegates to careers they may have been unaware of. It also allows your organization to not only attract these accomplished and aspiring engineers at the cusp of hiring season but also to show that you care about the education and professional development of the younger generation.

# NOTE FROM THE CO-CHAIRS

Dear Sponsor,

On behalf of the Organizing Committee, we are pleased to introduce you to this year's Ontario Engineering Competition (OEC)!

By sponsoring OEC, your company will have the opportunity to showcase your support for innovation, engineering excellence, and the development of future engineering leaders. Your contribution will help to cover the costs of running the event, including venue rental, transportation, food and beverage, and prizes for the winners.

In return for your sponsorship, we offer a range of benefits. This will include prominent branding and exposure at the event, as well as getting you face-to-face with the next generation of engineers. Our competition will tackle some of the world's most intriguing topics - such as Artificial Intelligence, ESG, as well as bringing Indigenous perspectives into everyday engineering.

We recognize your dedication to promoting innovation, excellence, and professional growth. Your belief in the power of collaboration and the potential of young engineers is what has drawn us to you. Through your support, you are shaping the future of engineering in our province and beyond.

More details regarding the sponsorship levels can be found further down in this package. Thank you for considering our request for sponsorship of the Ontario Engineering Competition.

Sincerely,



**Hayley Galsworthy & Renner Siebens**

Co-Chairs, OEC 2024



**Hayley Galsworthy**  
*OEC '24 Co-Chair*



**Renner Siebens**  
*OEC '24 Co-Chair*

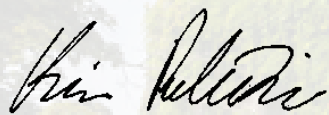
# MESSAGE FROM THE DEAN

Dear Sponsor,

It is with great enthusiasm that Queen's University's Faculty of Engineering and Applied Science is hosting the 45th annual Ontario Engineering Competition in January 2024. The Co-Chairs of the Event are Hayley Galsworthy and Renner Siebens and they will be assisted by Engineering Deans Ontario and the Ontario Society of Professional Engineers (OSPE). This three-day event aims to bring 300+ of the brightest minds in the province for a weekend of innovative design while fostering an environment where students can both develop meaningful relationships while also networking professionally.

Queen's University is recognized as one of Canada's most prestigious universities, namely for its combination of research quality and intensity with our excellence in undergraduate and graduate education. For over 125 years, the Faculty of Engineering and Applied Science at Queen's has trained highly skilled engineers who have become leaders in industry and business. The Faculty of Engineering and Applied Science is providing the support to the student organizers so that this event is successful, including access to space on campus and other logistical support. By sponsoring our event, you will be able to support our future generation of engineers at work!

Yours sincerely,



Kevin J. Deluzio, PhD, PEng, FCAE, FEIC  
Professor and Dean  
Faculty of Engineering and Applied Science



# MEET THE OEC 2024 EXEC TEAM



Stephanie Gilmour  
*VP of Sponsorship*



Kayla MacKenzie  
*VP of Graphic Design*



Sophie Goodman  
*VP of Graphic Design*



Oliver Morrow  
*VP of Communications*



Sabrina Button  
*VP of Tech*



Maahum Khan  
*VP of Marketing*



Ali Bekheet  
*VP of Logistics*



Charlotte Murat  
*VP of Competitions*



Lobsang Wangkhang  
*VP of Logistics*



Mikayla Perrin  
*VP of Competitions*



Emilie Rodibas-Stephan  
*VP of Finance*

# PARTICIPATING SCHOOLS



UNIVERSITY OF  
**TORONTO**



*Queen's*  
UNIVERSITY

**Carleton**  
University



University  
of Windsor

**OntarioTech**  
UNIVERSITY



**Lakehead**  
UNIVERSITY



**CONESTOGA**  
Connect Life and Learning



uOttawa

**McMaster**  
University



**Western**  
UNIVERSITY • CANADA



UNIVERSITY OF  
**WATERLOO**

**YORK**  
UNIVERSITÉ  
UNIVERSITY



**UNIVERSITY**  
*of* **GUELPH**

**Toronto**  
**Metropolitan**  
**University**



**Laurentian** University  
Université **Laurentienne**

# COMPETITION CATEGORIES

## CONSULTING

Competitors are required to design a detailed solution to a large-scale engineering problem. The proposal must be made in a way that promotes the solution to the client in the form of judges and demonstrates a thorough understanding of the solution's impacts.

## COMMUNICATIONS

Participants are tasked with presenting complex engineering topics in an accessible way to the public. Judges assess accuracy, creativity, and simplification while encouraging effective science communicators. The goal is to bridge the gap between technical knowledge and public understanding, fostering appreciation for engineering's impact on our world.

## DEBATE

Competitors must use analytical techniques to present, with minimum preparation, a reasoned point of view of a resolution that has not been disclosed beforehand. The goal is to assess the competitors' abilities to convey ideas and develop arguments in a parliamentary debate format.



# COMPETITION CATEGORIES



## RE-ENGINEERING

Competitors are required to take an existing engineering concept, product, technique, or technology and improve its design to suit an alternate situation or application.



## SENIOR DESIGN

Senior engineering students showcase their expertise by solving complex real-world problems. With limited resources and competition constraints, they must ingeniously design and construct a functional prototype. Witness firsthand the brilliance and creativity of these future engineers as they tackle challenges head-on! Sponsoring or judging this category is an opportunity to support innovation and witness cutting-edge solutions that could shape industries of tomorrow.



## BIO-ENGINEERING

Competitors must comprehensively solve a bio-engineering problem. The goal is to identify the issues outlined in the prompt and develop a bio-engineering design process for various applications in healthcare, agriculture, environmental sustainability, and more.

# COMPETITION CATEGORIES



## INNOVATIVE DESIGN

This competition is prepared entirely outside the realm of the OEC. Competitors choose their own topic, prepare research, and develop a design. The designs must be new and innovative and address a void in society.

## </> PROGRAMMING

This competition challenges competitors to produce a piece of readable software. The teams will use their software development skills, their technical writing abilities, and their project management skills to design a solution to a problem posed.



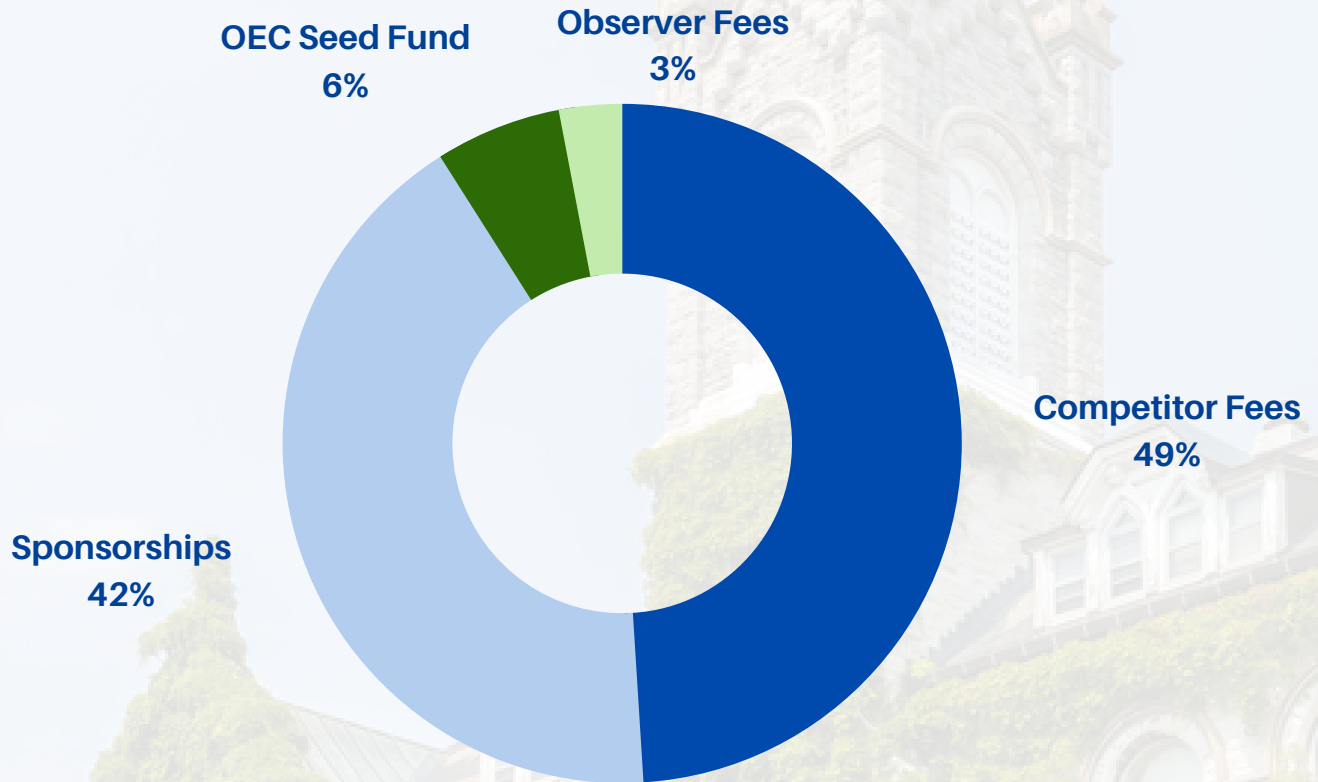
## JUNIOR DESIGN

First and second-year engineering students tackle technical problems with their creative prowess. They must design, build, and present a prototype to the judges, showcasing early engineering talents. Witness the enthusiasm and fresh perspectives of these aspiring engineers as they take on the challenge! Sponsoring or judging this category is a chance to support and encourage the promising minds that will shape the future of engineering.

# BUDGET BREAKDOWN

## REVENUE

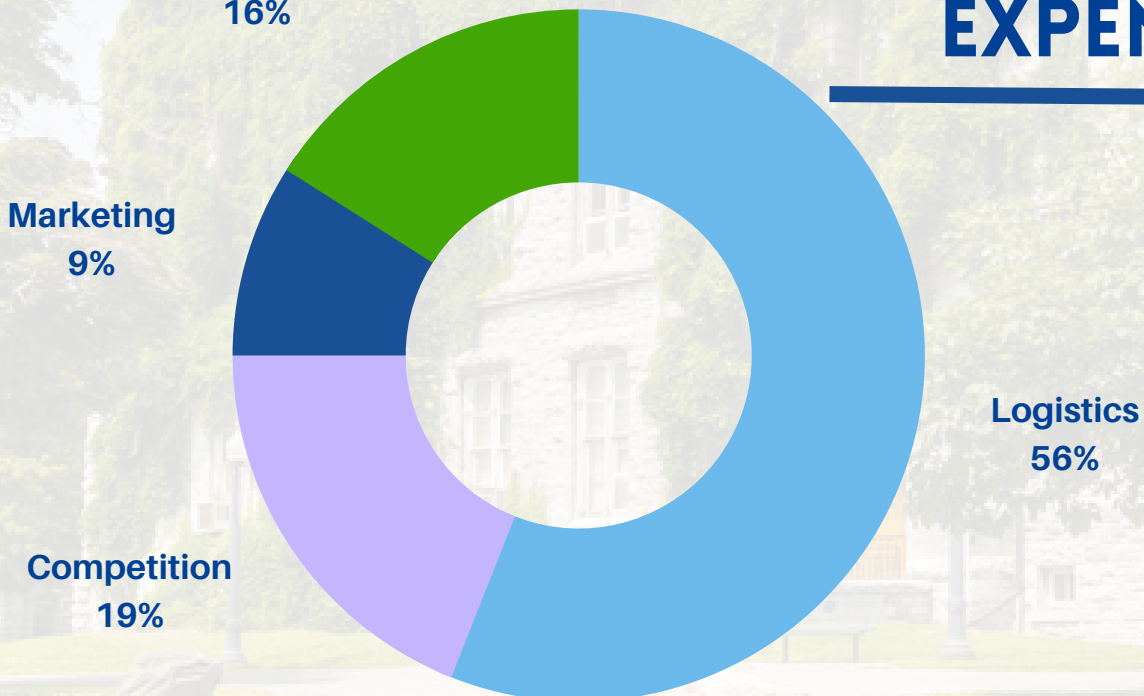
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Administrative  
16%

## EXPENSES

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# WHY SPONSOR US?

OEC presents a unique opportunity for companies to make a significant impact on the engineering community. By sponsoring, companies can enjoy a multitude of advantages and strengthen their position within the industry.

## TALENT

Sponsoring OEC provides a platform for companies to connect with the best engineering talent in Ontario. As a sponsor, your brand, values, and work culture will be showcased to these exceptional individuals, attracting potential future employees who align with your company's vision and goals. Sponsoring OEC demonstrates a commitment to advancing engineering education and nurturing talent.

## JUDGING

Becoming a judge for the Ontario Engineering Competition provides potential sponsors with a host of benefits in the engineering community. It showcases a commitment to innovation and supports young engineering talent. Exposure to top-tier students from diverse disciplines fosters collaborations and talent recruitment. The competition becomes a platform to promote products, elevating the sponsor's brand as an industry leader. Networking opportunities with like-minded companies and academic institutions can lead to partnerships and business growth. By supporting this event, sponsors actively contribute to engineering advancement while solidifying their reputation as forward-thinking organizations shaping the industry's future. The crucial role of judging lies in identifying exceptional talent, rewarding ingenuity, and encouraging the brightest minds to drive progress in the field.

# WHY SPONSOR US? CONT.



## NETWORKING

Engaging with OEC goes beyond mere branding; it enables meaningful networking and relationship building. The competition acts as a hub where participants, judges, and sponsors come together, offering fertile ground for collaborations, partnerships, and alliances. By actively participating in the competition, you will have the chance to engage with the next generation of engineers, forge connections with industry leaders, and establish a network that can prove invaluable for your company's growth and success.



## INNOVATION

By sponsoring OEC, companies can stay at the forefront of innovation and problem-solving. The competition showcases the skills, creativity, and problem-solving abilities of young engineers. This exposure enables sponsors to identify promising talent and gain insights into emerging trends and technologies within the engineering field.

In summary, sponsoring the Ontario Engineering Competition provides companies with the opportunity to attract top engineering talent, enhance brand visibility, build valuable relationships, and stay informed about industry trends. We invite your company to consider becoming a sponsor and join us in shaping the future of engineering excellence in Ontario.

*Thank you for considering this remarkable opportunity.*

# SPONSORSHIP TIERS

	Diamond	Platinum	Gold	Silver	Bronze	Iron
Value to Qualify	\$25 000	\$18 000	\$12 500	\$8 000	\$5 000	\$1 000
Logo size on merchandise	XL	L	L	M	M	S
Tier-based social media recognition	Yes	Yes	Yes	Yes	Yes	Yes
Access to student resume bank	Early access	Yes	Yes	Yes	Yes	
Interviews with students	Early access	Yes	Yes			
Number of judge positions	4	3	2	2	1	
Featured sponsor benefit	Awards ceremony	Opening ceremony	Competition	Social event		
Networking event attendance	Yes	Yes	Yes	Yes		
Promotion booth on campus	Yes	Yes				
Invites to welcome and award ceremony	6	5	3	2	1	

# WEEKEND SCHEDULING

FRIDAY

SATURDAY

SUNDAY

MORNING



- Breakfast
- Competition time

- Breakfast
- Closing remarks

NOON

- Hotel Check-In/Settle in

- Lunch
- Competition presentations
- Sponsor presentations

- Hotel check-out

EVENING

- Opening address/Dinner
- Intro to competition
- Competition time

- Dinner/Award Gala
- Social



# CONTACT US

## Thank you for your time in reviewing our sponsorship invitation!

If you would like to find out more about OEC, or further inquire regarding sponsorship opportunities, please reach out on one of these platforms!



Stephanie Gilmour  
*VP of Sponsorship*



[OECVPSponsorship@essco.ca](mailto:OECVPSponsorship@essco.ca)



[www.oec-cio.ca](http://www.oec-cio.ca)



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Competition 2024](#)

