

# ONTARIO ENGINEERING COMPETITION

*SPONSORSHIP INVITATION*



**WESTERN UNIVERSITY**

*JANUARY 20th-22nd 2023*

# SPONSOR PACKAGE

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## ABOUT OEC

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Western University is thrilled and honored to have been selected to host the 44th annual Ontario Engineering Competition (OEC). This 3-day competition challenges 300+ of the province's brightest student minds from all disciplines and years to test their skill sets in 9 unique engineering competitions.

OEC is a fantastic opportunity to showcase the talents of emerging engineering students from across the province. Industry representatives are encouraged to attend all aspects of the competition, including banquets, observing the build process, and participating in the sponsor marketplace. This provides ample opportunity for competitors to network with industry professionals from a variety of engineering-related fields; offering your organization a chance to attract these accomplished and aspiring engineers.

In order for student teams to qualify and advance to the OEC, each team must win their respective university's qualifier competition. The top team from each participating university will move on to demonstrate their design skills, communication abilities, and creativity at the OEC.

OEC's winning teams will then move on to represent Ontario at the Canadian Engineering Competition (CEC) in March 2023 hosted by the University of Waterloo.

**44<sup>TH</sup>**  
*Annual OEC*

**16**  
*Universities*

**300**  
*Competitors*

**9**  
*Competitions*

# A WORD FROM OUR DEAN

Dear Potential Sponsor,

We are very excited to be hosting the 44th Ontario Engineering Competition (OEC) in January of 2023 at Western University.

OEC is a perfect example of how we empower our students with opportunities to develop their effective communication, teamwork and leadership skills. Our organizing committee is hard at work planning the best possible experience for competitors, some of Ontario's best and brightest engineering students. OEC provides a platform for them to demonstrate their excellence in one of nine (9) categories such as innovative design, programming, communication, bio-engineering and debate.

At Western Engineering, we offer a welcoming and supportive environment for all students.

Our faculty is confident that the Western Engineering team has the required experience, leadership, resources, and expertise to host the 2023 Ontario Engineering Competition successfully. By sponsoring OEC 2023, you will gain access to a new generation of exceptional innovators, creators, designers, and future leaders. The partnership will position your organization at the forefront of innovation in Ontario, enabling you to contribute significantly to the future career prospects of graduates from Western University and all of the participating schools. Without sponsors like you, these incredible engineering competitions that showcase bright minds across the province wouldn't be possible.

Thank you for taking the time to consider this opportunity, and we hope to see you at OEC 2023!

Sincerely



Kenneth S. Coley PhD, PEng, FCIM, FCAE  
Professor and Dean  
Faculty of Engineering, Western University



# NOTE FROM THE CHAIRS

On behalf of the entire organizing committee, we would like to thank you for taking the time to consider sponsoring the 2023 Ontario Engineering Competition (WEC), hosted at Western University from January 20-22nd, 2023.

This annual province-wide event brings together the highest-ranked students from 16 different universities across Ontario, each of whom has qualified to compete through their respective school's engineering competition. This competition allows them to take what they learned in the classroom and apply it to industry-level competition categories.

OEC is an irreplaceable opportunity for students and companies to gain experience and network. With your support, we can spearhead a truly remarkable experience for both students and professionals.



**Courtney Lacroix**

Our committee is composed of dedicated, hardworking students who are diligently working towards new and creative ways to improve the competition experience. Our goal is to build our students' network more than ever before to ensure students get a rewarding experience at OEC.

This package outlines a general overview of this year's competition and the various sponsorship levels we are offering this year, however, feel free to reach out to us, and we can provide custom sponsorship benefits that appeal to you.

We hope that you consider helping us acknowledge our young talent and invest in the future of engineering. Events like this are not possible without the generous support and knowledge that our sponsors deliver!

Thank you again for your consideration.

*Courtney Lacroix*

*Harrison Angellotti*

*Courtney Lacroix & Harrison Angellotti - Co-Chairs  
Ontario Engineering Competition 2023*



**Harrison Angellotti**

# THE OEC 2023 TEAM



Kevin Gonzalez  
VP Sponsorship



Izzy Alfred  
VP Competitions



Kyra Gilson  
VP Sponsorship



Austin Zhang  
VP Competitions



Benjamin  
Schneeweiss  
VP Finance



Amelia Jiang  
VP Competitions



William Brewer  
VP Publications



Omar Sayyed  
VP Technical



Shirley Zhong  
VP Logistics



Cindy Huang  
VP Publications



Chole Yu  
VP Logistics

# THIS YEAR'S THEME

## **NEW BEGINNINGS**

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### ***Theme: New Beginnings***

Every year, a new theme is picked for OEC that reflects what is occurring in the world during that time.

This year, the theme is "New Beginnings."

Engineering students across the world are currently faced with the transition from 2 years+ of online learning, which is why our theme will focus on encouraging students to put themselves out there and better themselves post-pandemic and start new beginnings for themselves.

Life is a journey full of twists and turns, and we can never be fully prepared for what lies ahead. That's why new beginnings are great. You can wipe away all the negativity from the past and focus on what's positive and hopeful ahead of you.

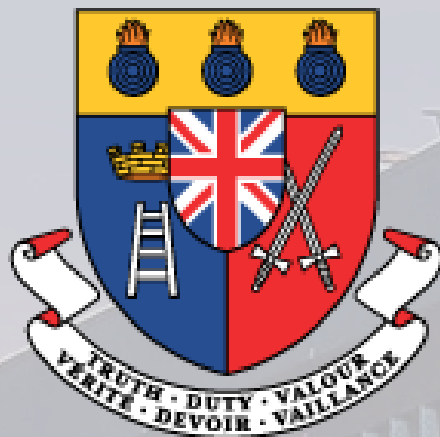
*"No matter how hard the past is, you can always begin again"*

### ***New Category: Bio-Engineering***

Another reason we are celebrating new beginnings at OEC this year is that for the first time in 5+ years, a brand new category is being added to the competition, Bio-Engineering.

With OEC 2023 being the first in-person OEC since the beginning of the pandemic, we believe that it's the perfect time for a brand new category.

# ATTENDING SCHOOLS





## THE CATEGORIES 1/2

### **Consulting**

Competitors will develop and present an in-depth analytical solution to a multi-dimensional engineering challenge. Teams must demonstrate a thorough understanding of the diverse social, environmental, technological and economic impacts of their solutions to satisfy a client's needs.

### **Innovative Design**

Competitors will combine their creativity and knowledge to develop a new product or service that will fulfill a need or improve on an existing solution. Competitors will then present their final product to the judges.

### **Senior Design**

Students combine multidisciplinary knowledge to design a technical solution to an advanced engineering problem. Participants must design and present a functional solution under resource constraints and adhering to competition requirements.

### **Programming**

Teams are tasked with coding the best possible software solution to a complex computational challenge. Competitors will aim to minimize execution time, maximize correctness or achieve the best overall performance.

### **Re-Engineering**

Re-Engineering is the act of improving an existing design or concept of engineering whether it is by adding new functionalities or by improving upon its original purpose. Re-Engineering is based on using engineering design principles with a set of provided constraints to improve the overall performance.

## THE CATEGORIES 2/2

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### **Communication**

Students must present on a topic that encompasses the social, economic and environment impact. Students must describe an engineering topic in terms that the general public can understand.

### **Junior Design**

First and second year students are given a real- world problem and must develop a solution. Under a limited amount of time and materials, competitors are tasked with creating a practical design solution to the relevant issue and presenting it to the judges.

### **Debate**

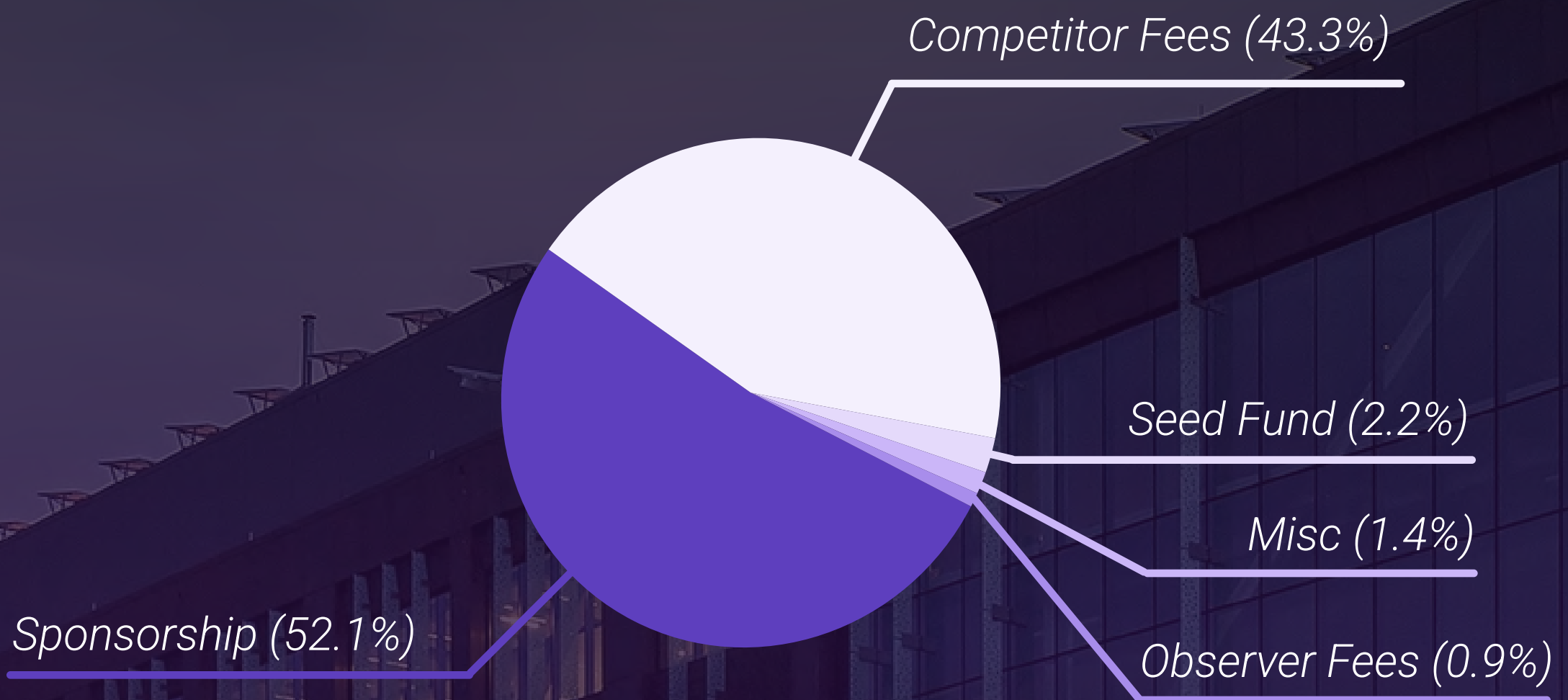
Akin to real-world scenarios, students develop and present nuanced arguments in favour of or against an impromptu resolution. In this topic, teams go head to head in a battle of logic and rhetoric in multiple rounds of debate.

### **Bio-Engineering**

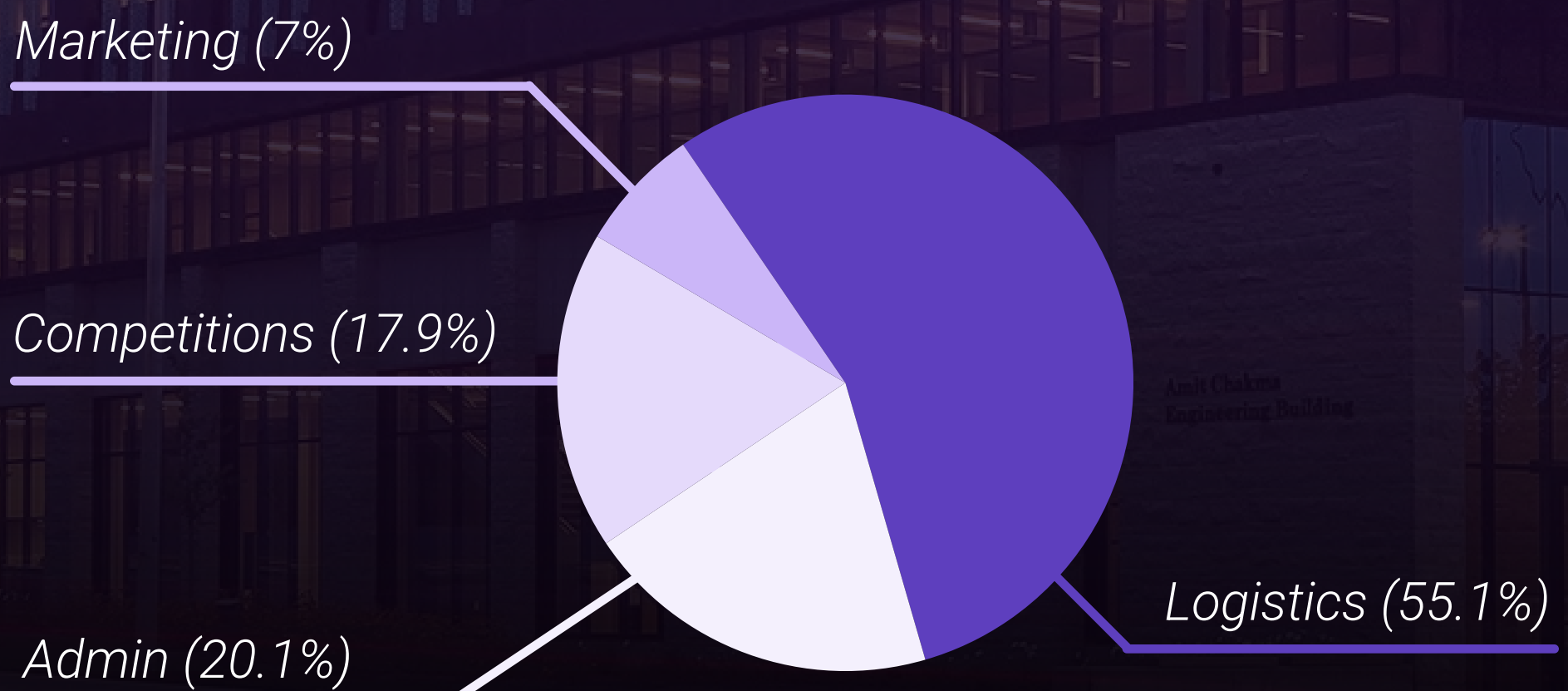
Students will be provided a narrative with one or numerous complications that must be resolved utilizing core engineering principles to develop a solution to this biomedical engineering problem.

# OUR BUDGET BREAKDOWN

## REVENUE BREAKDOWN



## EXPENSES BREAKDOWN

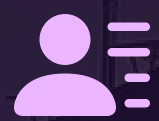


## WHY SPONSOR US?



### **NETWORKING**

The OEC provides an opportune environment to engage with engineering student competitors, other industry professionals, and academia representatives attending the competition. Having unrestricted access to competition builds and the Sponsor Marketplace is the ideal opportunity to connect with these future leaders.



### **TALENT**

Before advancing to the OEC, each team must win their respective school's engineering competition. This signifies that each school will be sending its most ingenious and innovative students to compete on their behalf; an outstanding opportunity for organizations to connect and potentially recruit future employees.



### **PARTICIPATION**

Partaking in all aspects of the competition is highly encouraged. Participation offers sponsors the chance to provide beneficial and constructive feedback to competitors as corporate representatives or category judges, and successful industry professionals.



### **OUTREACH & EXPOSURE**

The OEC is one of the largest provincial engineering competitions in Canada. Your company will be featured and represented comprehensively through various media including print, social media, and the official OEC website. Sponsoring this competition is a phenomenal investment in the continued success of aspiring engineering students in Canada.

# OUR SPONSOR TIERS

	PRESENTING SPONSOR	OPENING GALA SPONSOR	SUSTAINING MAJOR PATRON	MAJOR PATRON	PATRON	CONTRIBUTOR	PROVIDER	DONOR
Number of Potential Sponsors Remaining	1	1	8	12	∞	∞	∞	∞
Qualifying Value	\$20,000	\$15,000	\$7,500	\$5,000	\$3,500	\$1,500	Product/Service	\$500
Advertisement Space in Delegate Handbook	Full Page	1/2 Page	1/2 Page	1/4 Page	1/4 Page	Logo	Logo	Logo
Logo Size on Competitor T-Shirt	XL	L	L	M	M	S	S	S
Website and Social Media Mentions	Featured	Prominent	Prominent	Frequent	Less Frequent	Less Frequent	Less Frequent	Less Frequent
Access to Student Resume Bank	Early Access	YES	YES	YES	YES			
Networking Event Attendance	YES	YES	YES	YES	YES			
Dedicated Networking Presentation / Event	YES	YES	YES					
Number of Judge Positions Earned	4	3	3	2				
Featured Sponsor Benefit	Awards Banquet	Opening Ceremony	Competition	Social Event				
Exclusive Perks	Closing Ceremony Keynote	Opening Ceremony Address	Award Presenter					

# WEEKEND SCHEDULE

## FRIDAY

12PM - 4PM

*Check-in and Registration*

4PM - 5PM

*Opening Ceremony*

5PM - 6PM

*Competition Briefing*

6PM - 2AM

*Competitions*

## SATURDAY

7:30AM - 9AM

*Breakfast*

9AM - 6PM

*Competition Judging and Sponsorship Events*

6PM - 8PM

*Awards Ceremony and Closing Remarks*

8PM - 1AM

*Social Event*

## SUNDAY

8AM - 12PM

*Breakfast and Check-out*

CONTACT US TODAY

# Thank You!

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**Kevin Gonzalez**  
(416) 624-8152



**Kyra Gilson**  
(647) 720-8448

Thank you for your time in reviewing our sponsorship invitation!

If you would like to find out more about the OEC, or further inquire regarding sponsorship opportunities, please reach out to:

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

WEBSITE: [OEC-CIO.CA](http://OEC-CIO.CA)

FACEBOOK: [@oec2023](https://www.facebook.com/oec2023)

LINKEDIN: [Ontario Engineering Competition 2023](https://www.linkedin.com/company/ontario-engineering-competition-2023)

INSTAGRAM: [@oec2023](https://www.instagram.com/oec2023)