



Illuminating

ENGINEERING SOCIETY

Edmonton Section

ANNUAL MEETING

June 2nd 2021

Agenda

- Review Annual Goals & 5 Year Plan
- Review and Acceptance of 2020 AGM minutes
- A Year in Review - 2020/2021
- Financial Report
- Election of 2021/2022 Board of Directors and Managers
- Northern Lighting Awards 2021 Presentation
- Closing remarks from 2021/2022 IES Section 79 President
- Adjourned

Pillars of The IES 2021

The Edmonton 5 year plan



Edmonton and Area Edition

AGM 2019/2020 Minutes



<https://drive.google.com/drive/folders/1tZdBy1XDzKpPPs5Qj1c8EyEy2X76z0qG?usp=sharing>



AGM 2019/2020 Minutes

2020-06-17 AGM

Wednesday, June 17, 2020 12:00 PM



Attendees:

<input checked="" type="checkbox"/> Ryan Sonnenberg	President	<input type="checkbox"/> Steve Eriksen	Board Manager
<input checked="" type="checkbox"/> Chris Barr	Vice President	<input checked="" type="checkbox"/> Trina Larsen	Board Manager
<input checked="" type="checkbox"/> Brent McCabe	Past President	<input type="checkbox"/> Ian McGuinness	Board Manager
<input checked="" type="checkbox"/> Sunil Nakai	Secretary	<input type="checkbox"/> Randy Phung	Board Manager
<input checked="" type="checkbox"/> Katy Evans	Treasurer	<input type="checkbox"/> Darven Smetaniuk	Board Manager
<input checked="" type="checkbox"/> Ben Rajewski	Education	<input type="checkbox"/> Colin Wright	Board Manager
<input checked="" type="checkbox"/> Ryan Benvenuto	Education (Co-Chair)	<input checked="" type="checkbox"/> Josh Bornaia	Board Manager
<input type="checkbox"/> Todd Shearer	Membership	<input type="checkbox"/> Lance Warner	Board Manager
<input type="checkbox"/> Megan Finlay	Program	<input checked="" type="checkbox"/> Adam Behiels	Guest
<input checked="" type="checkbox"/> Léna Stenhouse	Program (Co-Chair)	<input checked="" type="checkbox"/> Matt ?? (EPCOR)	Guest
<input type="checkbox"/> Derek Ginnell	Illumination Awards	<input checked="" type="checkbox"/> Tanya Steeves	Guest
<input type="checkbox"/> Colin Fair	Webmaster		

Opening:

These minutes reflect the Annual General Meeting (AGM) of the Illuminating Engineering Society of North America IES West District No.6 Edmonton Region. AGM was commenced/called to order at 12:05 pm 2020-06-17; meeting was held online via ZOOM. AGM was chaired by Ryan Sonnenberg (President); additional remarks also from Chris Barr (Vice President); and additional content from Josh Bornaia.

Approval of Agenda

No Agenda was sent out ahead of time, however the 2018 AGM Minutes were distributed to form the 'AGM 2019 Information Package'. The Agenda that was presented at the beginning of the 2019 AGM has been attached to the end of these minutes.

Approval of Minutes

Acceptance of the meeting minutes from the 2018-05-23 AGM (motioned: Brent M.; seconded: Sunil N.; accepted: All).

Open Issues

Item	Discussion/Resolution	Action By
------	-----------------------	-----------

1. Welcoming Remarks and Introductions

2. Review of Proposed Agenda

3.1 Revisions/Other	None.	INFO
---------------------	-------	------

3. Review of 5-year plan + 2018/2019 IES Events

3.1 "Pillars of the IES 2019"	Communication Membership Education Financial Responsibility	INFO
3.2 Agenda + Minutes	Motion to Approve Agenda - Chris B. Seconded - 7806804268 Accepted: All. Motion to Approve Minutes from previous AGM - Brent M. Seconded - Ben R. Accepted: All.	INFO
3.3 Thank you to Executive	Thanking of the current Board of Directors for their efforts in making the above events successful.	INFO
3.2 Year in Review	WELL Bldg. Standards NECBC 2017 Update Other	INFO
		INFO

4. Financial Update

4.1 Introduction of the IES finances.	Review of IES Financial 2019/2020 Report. Review of previous years' performance.	INFO
---------------------------------------	---	------

Key take-away: Sponsorship essentially replaced the Fol. revenue that would normally be expected.	
4.2 Accounts	INFO
Balance as of 2020-06-15: \$12,549.86	
Refer to (signed) Financial Report attached to these minutes.	
4.3 Questions/Other	INFO
Motion to accept the Financial Report from the 2020-06-17 AGM - Chris B. Seconded - Josh B. Accepted: All.	

5. IES Board (Election of 2019/2020 Officers)

5.1 Section Officer	Review of responsibilities/expectations. Review of benefits.	INFO
5.2 Nominations/Elections are as follows:		INFO
Name	Position	
Josh Bornaia	President (1st term)	
Megan Finlay	Vice President (1st term)	
Katy Evans	Treasurer (2nd term)	
Derek Ginnell	Awards Chair (3rd term)	
Colin Fair	Communications (5th term)	
Benjamin Rajewski	Communications Co-Chair (1st term)	
Ryan Benvenuto	Education Chair (2nd term)	
Todd Shearer	Membership / Nominating Chair (3rd term)	
Lena Steinhouse	Program Chair (2nd term)	
Sunil Nakai	Secretary (5th term)	
Name	Position	
Ryan Sonnenberg	Past-President (Officer)	
Brent McCabe	Previous President (Officer)	
Conrad Andre lunas	Previous President (Officer)	
Trina Larsen	Previous President (Officer)	
Chris Barr	Previous VP (Officer)	
Colin Wright	Board Member/Director (Officer)	
Adam Behiels	Member-at-Large (Officer)	

6. Questions/Close-out

6.1 Moving forward	Virtual meetings? 5-year review over Summer Break? --> Josh to follow up on this.	JOSH B.
--------------------	---	---------

7. President-Elect Comments

7.1 General Comments	Encouraging more participation! Looking forward to more events and working with the Team! Awards: Keeping submissions open for now; will likely have the vote/ceremony at next in-person event!	JOSH B.
----------------------	---	---------

Closing:

Meeting adjourned at 12:33pm.

Refer to pages that follow for Agenda and Financial Report.



Thanks to Our 2020/2021 Board of Directors

Leadership

President

– Josh Bornia

Vice President

– Megan Barclay

Secretary

– Sunil Nakai

Treasurer

– Katy Evans

Past President

– Ryan Sonnenberg



Thanks to Our 2020/2021 Board of Directors

Committee Chairs and Co-Chairs

Awards

- Derek Ginnell

Communications

- Colin Fair, Benjamin Rajewski

Education

- Ryan Benvenuto

Nominating & Membership

- Todd Shearer

Program/Events

- Léna Stenhouse, Tanya Steeves, Al Haberman



Year in Review

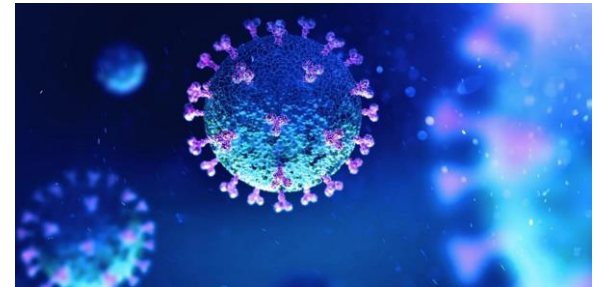
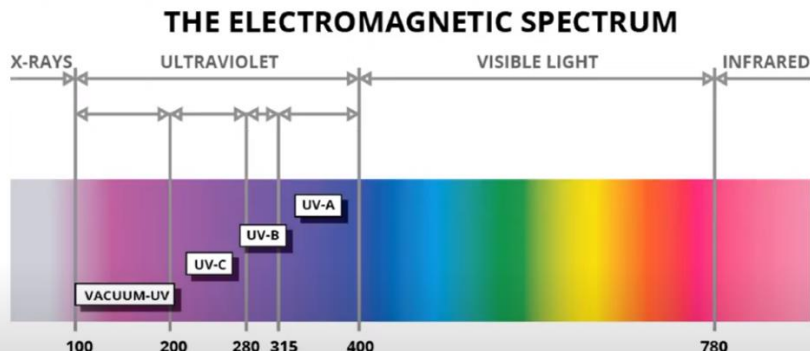


U of A Botanic Garden Outdoor Lighting Tour



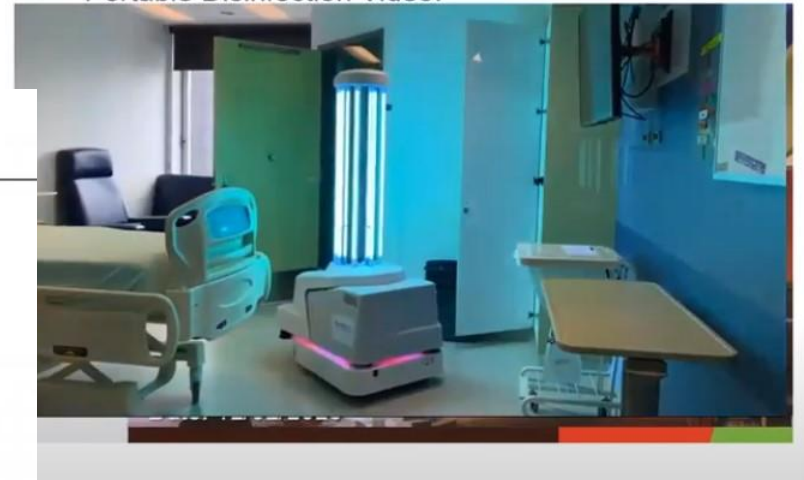
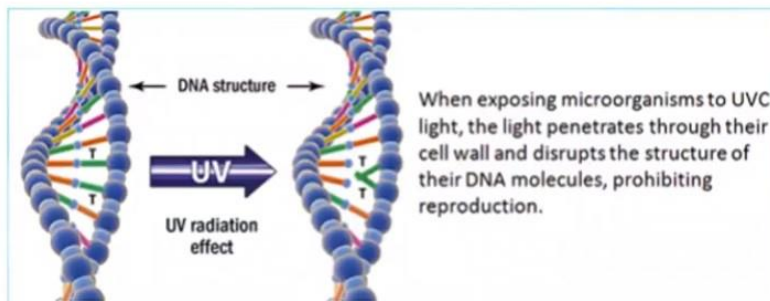
Virtual Discussion on GUV Lighting

What Is UV Lighting?

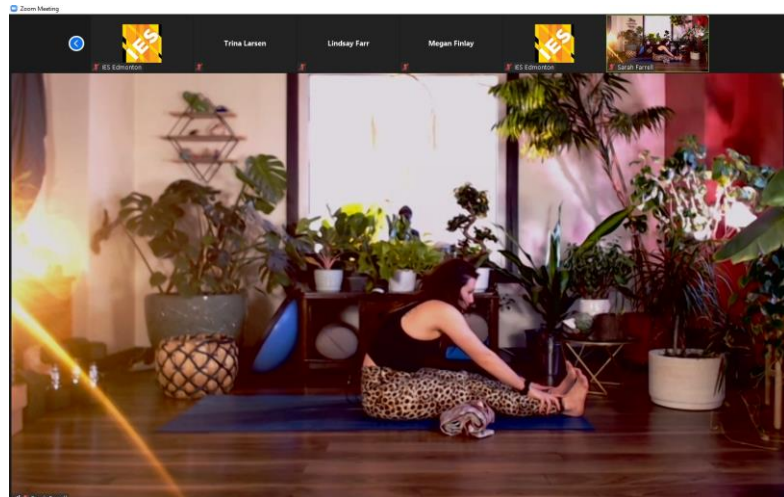
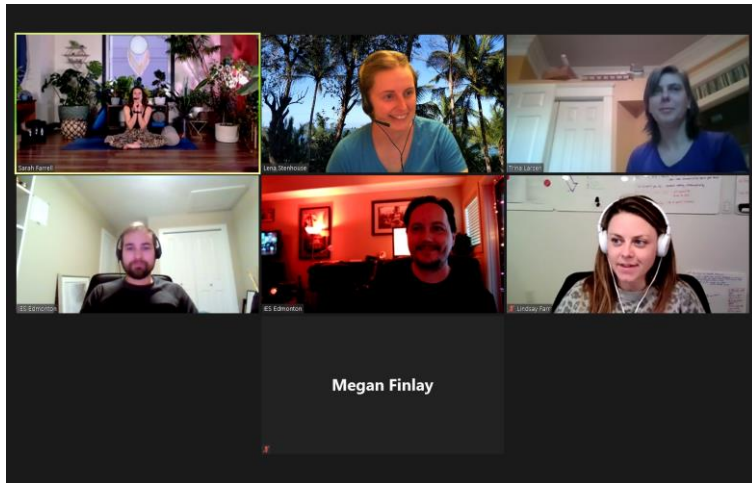


Portable Disinfection Video!

How Does UV-C Lighting Disinfect?



Online Yoga Session & Lighting for Wellness Discussion



The WELL Building Standard – A Deep Dive Into Light



VISUAL BALANCE

Intent: Create lighting environments that enhance visual comfort.

1. MANAGE BRIGHTNESS

Circadian Lighting Design

This feature provides users with appropriate exposure to light to maintain circadian health.

Issue

- Humans circadian rhythms evolved around a day/night cycle.
- Being indoors all day does not provide enough exposure to natural daylight.
- Disruption of circadian rhythms has been linked to obesity, diabetes, and sleep disorders.

Solution

- Lighting design strategies should consider impact on user's circadian rhythm.



LIGHT: THE IMPACT

Providing indoor access to daylight can positively influence the productivity and mood of individuals. ^{1,2}



Daylight Simulation

1. Complete a daylight simulation

SDA: Spatial Daylight Autonomy

Computer software such as Revit, Velux, and IESVE allow designers to complete daylight analysis calculations.



1. LeGates TA, Fernandez DC, Natta S. Light as a central modulator of circadian rhythms, sleep and affect. Nat Rev Neurosci. 2014;15(7):443-454. doi:10.1038/nrn3762

2. Pharo, William J, Brennan, JJ, Day, D-J. Experiment: DMR. Daytime exposure to bright light, as compared to dim light.

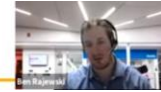
Reuse, Refresh, Renew: Commercial and Institutional Lighting Upgrades

Lighting Upgrade – Retrofit or Redesign?

What's the difference?



The Lighting Upgrade Process



Application: Historical Lighting Upgrades



Alexander Hamilton U.S. Custom House

Historical Façade Lighting Upgrade

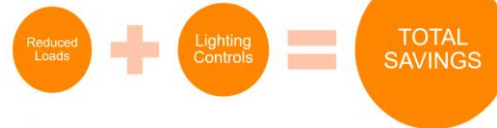
Before:

- HID flood lighting
- Historical details lost in shadow



After:

- Retrofit with low wattage LED and ceramic metal halide
- Aesthetics greatly improved
- Electricity use cut by 43%



Section 79

Fundamentals of Lighting

- Thank you to all of the Volunteers and Instructors!
- 6 attendees from the Edmonton Section membership
- In total 43 students participated from 7 sections.




PowerPoint Slide Show - IES-FOL-15-MOD-2-PPT_July-2016.ppt - Compatibility Mode - PowerPoint

Brief History of Light Sources: 1880s to present

1880	Thomas Edison patents a carbon filament vacuum incandescent lamp.
1900	The first gas discharge sources, Neon®, is invented.
1930s	Mercury Vapor (MV), Low Pressure Sodium (LPS), and the first fluorescents are developed.
1950	High Pressure Sodium (HPS), Metal Halide (MH), & color- corrected MV lamps introduced.
1960s	Color-improved HPS and MH, High CRI fluorescent lamps. Electronic fluorescent ballasts developed.
1970s	CFL, T-10 & T-8 fluorescent lamps introduced. LED & Electroluminescent exit signs. Energy-efficient magnetic fluorescent ballasts.
1980s	fluorescent lamps, electronic HID ballasts introduced. High output blue LED developed.
1990s	Large scale market acceptance of CFLs; proliferation of "white" LEDs and colored LEDs for general illumination and signage. US Department of Energy launches L Prize Competition.
2000	LED products installed in U.S. CFL lamp costs drop and many new shapes available. Nobel Prize awarded to Isamu Akasaki, Hiroshi Amano; OLEDs under development.
2010	

© Illuminating Engineering Society of North America

IES FOL Mod 2 - 6



IES Introduction to Lighting

- New for 2021
- Optional precursor to FOL
- Great for students and newcomers to lighting industry
- \$50 off with Promo Code **IES679**



INTRODUCTION TO LIGHTING
7 MODULES. QUICK PACE. ON-DEMAND.

A Model of Human Vision
Talking About Light and Lighting
Lighting Power Allowance
Direction
Seeing in Color

NO CEUs
MEMBERS: **\$150** NON-MEMBERS: **\$200**
LEARN MORE AT: elearning.ies.org



IES Lighting Library

- In Fall 2020 the IES unveiled the Lighting Library
- Places all IES publications in one convenient location
- Outdates all previous versions of the IES RPs



<https://www.ies.org/lighting-library/>



Year in Review – Charitable Donations

Event	Charity	\$
Virtual Discussion on GUV Lighting	 <p>EDMONTON'S FOODBANK</p>	600
The WELL Building Standard - A Deep Dive Into Light	 <p>ACEE Alberta Council for Environmental Education ADVANCING ENVIRONMENTAL EDUCATION IN ALBERTA</p>	550
Reuse, Refresh, Renew: Commercial and Institutional Lighting Upgrades	 <p>Mental Health Foundation</p>	400



AGM 2020/2021 Financial Report



IES ANNUAL SECTION FINANCIAL REPORT

SECTION NAME Illuminating Engineering Society Edmonton NUMBER 79 IRS
E.I. Number: 6

Address (Section Treasurer or President): Katy Evans
Period July 1, 2020 to June 30, 2021

Please complete this report within three (3) months after the closing of the Society's fiscal year, June 30th. It must be received by the NY office prior to September 30th annually. This is an annual report and covers the period July 1 to June 30. Please mail a copy to your District Chair and send the original to the Membership Department, IES, 120 Wall Street, 17th floor, New York, NY 10005-4001 or email to Rama Rejman at rrejman@ies.org

THE FOLLOWING REPORT IS REQUIRED TO BE PREPARED BY EACH SECTION AND NECESSARY FOR FILING AN ANNUAL FORM 990 WITH IRS IN ORDER TO MAINTAIN A TAX-EXEMPT STATUS OF 503C(3)

This Financial Report might be subject to an audit. Records supporting all receipts and disbursements must be maintained. Section funds will not be forwarded until this report is received. Records must be maintained for seven (7) years.

	Column A	Column B
1. Balance brought forward from previous report, July 1, _____ include all cash, investments, etc. at cost.		12255.54
2. INCOME: (if income exceeds \$1,000, please indicate breakdown below, use reverse side if necessary)		
3. Business meetings	\$	
4. Educational functions / programs	\$4,291	
5. Shows and conferences	\$	
6. Interest and dividends income	\$	
7. Realized gain (loss) on sale of investments of \$ _____ cost basis	\$	
8. Contributions and sponsorship income *	\$	
9. Other	\$	
10. Local dues payment through IES (if applicable - \$10 local assessment)	\$390.72	
11. Subtotal—total all income, enter in columns A and B	<u>\$ 4,682.09</u>	\$ 4,682.09
12. TOTAL—(Add items 1 and 11) enter in column B		<u>\$ 16,937.63</u>

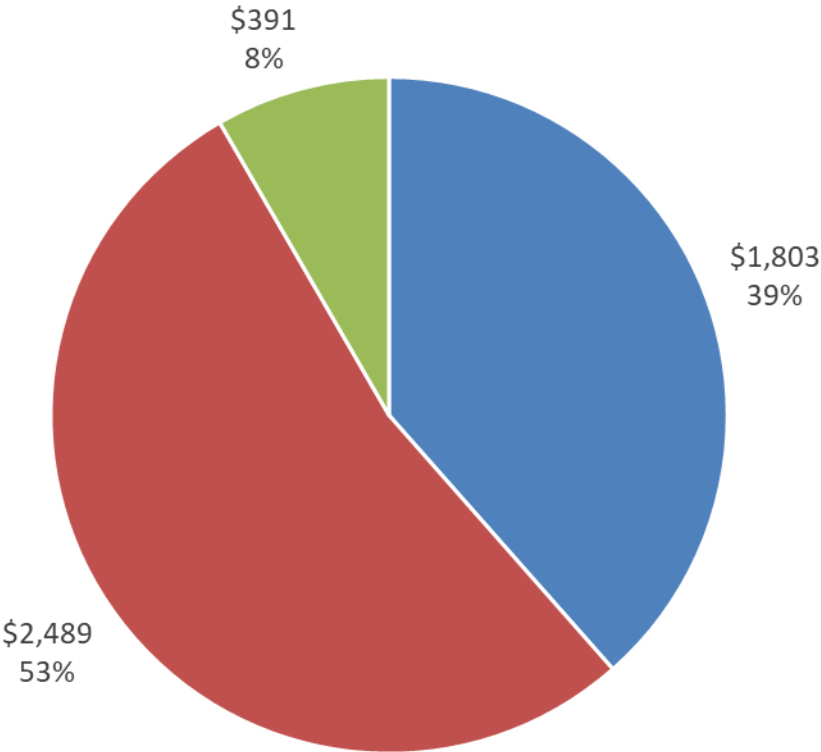


AGM 2020/2021 Financial Report

* For individual contributions and sponsorship of \$5,000 and above, please provide a list indicating payer name, address, EIN, amount paid and the purpose of payment		
13. EXPENSES: (if expenses exceed \$1,000 please indicate breakdown, use reverse side (if necessary))		
14. Grants **	\$	
15. Compensation of current officers, directors (also refer to additional required information, item #5)	\$	
16. For sections having employees:		
a) Salaries and wages	\$	
b) Pension contributions	\$	
c) Other employee benefits (i.e. health insurance, life insurance, paid transit etc.)	\$	
d) Payroll taxes	\$	
17. Fees:		
a) Management	\$	
b) Legal	\$	
c) Accounting	\$19.50	
d) Investment management fees	\$	
e) Other professional fees	\$	
18. Advertising and promotion	\$726.95	
19. Office expenses (i.e. stationary supplies, postage, literature, office maintenance, etc.)	\$	
20. Information technology	235.65	
21. Occupancy (i.e. rent, utility bills)	\$	
22. Travel	\$	
23. Conferences, conventions and meetings	\$	
24. Educational programs expenses	430.08	
25. Insurance expense	\$	
26. Other expenses	1550	
27. Subtotal—(Add items 13-26) enter in columns A and B	<u>\$ 2,962.18</u>	<u>\$ 2,962.18</u>
28. Balance for year ending June 30, 2021 _____		
Subtract item 27 from 12, enter in column B.		
Note: Using reverse side—indicate a complete breakdown of line 28		
Line 28 should reflect all cash, investments, etc., on hand, at cost as of June 30th.	<u>\$ 1,719.91</u>	<u>\$ 13,975.45</u>



Financials - Revenue



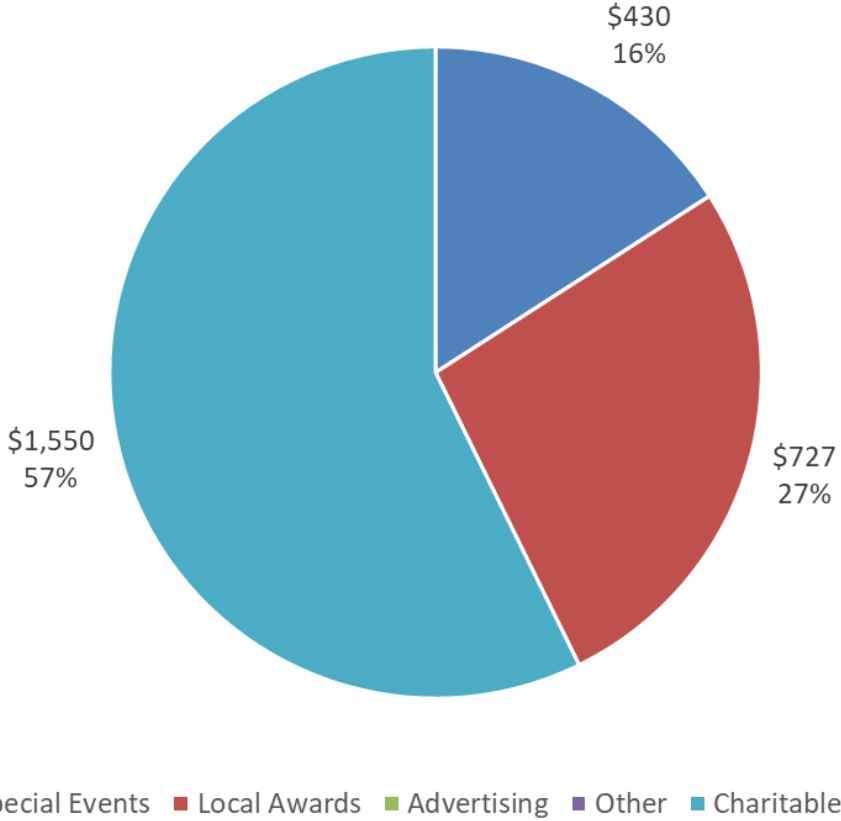
■ IES Special Events ■ Education ■ Membership Rebate

Total Annual Revenue: \$4,682.09

- Unaudited -



Financials - Expenses

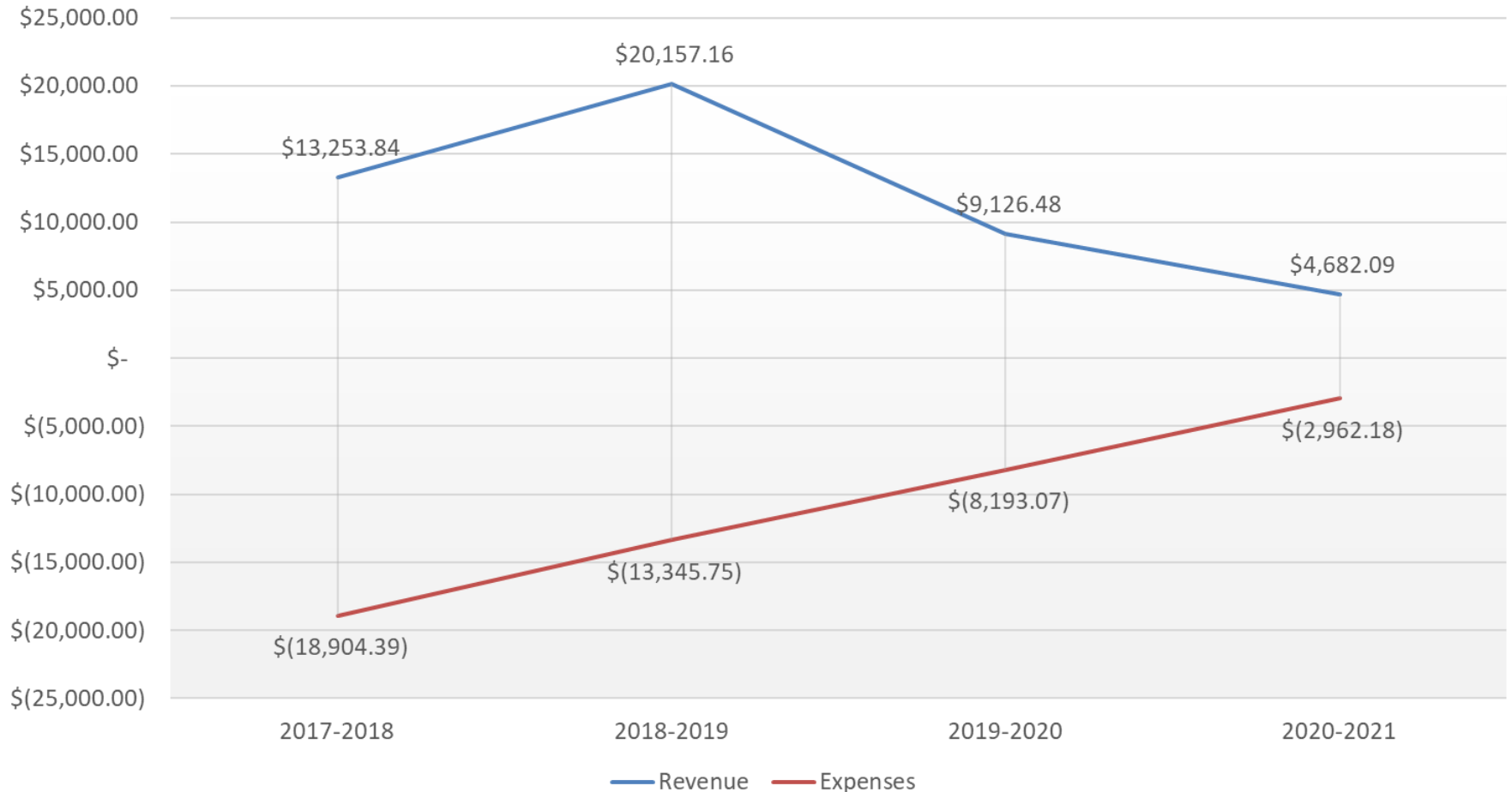


Total Annual Expenses: \$2962.18

- Unaudited -



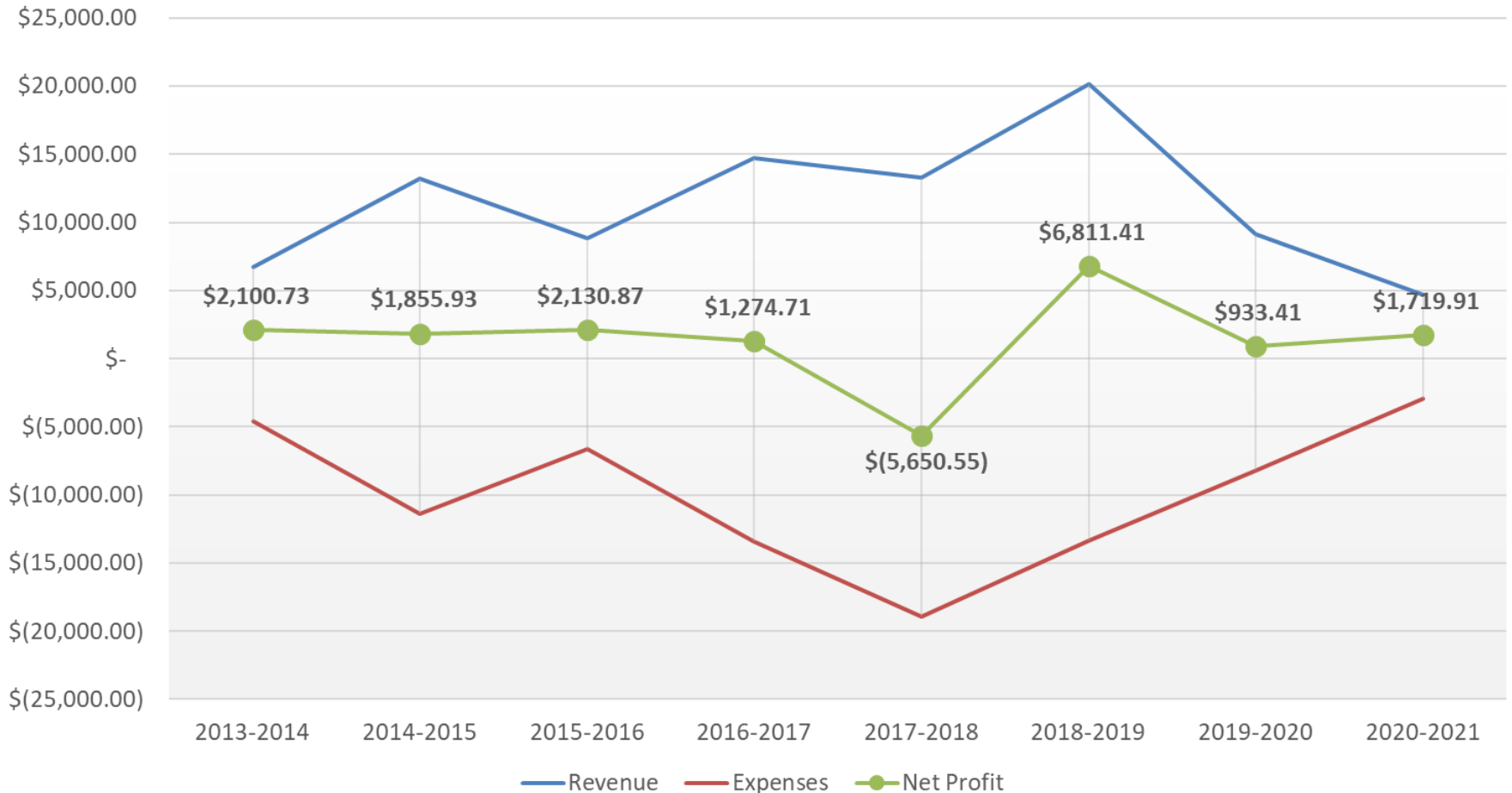
Financials – Yearly Analysis



- Unaudited -



Financials – Yearly Analysis



- Unaudited -



Election of 2021/2022 Officers

President

Vice President

Secretary

Treasurer

Awards

Communications

Education

Membership and Nominating

Emerging Professionals

Program

Officers



Benefits of Becoming a Section Officer

Leadership Skills

- Build delegation and command presence abilities.
- Develop strategies to increase membership involvement.

Communication Abilities

- Increase your persuasion skills by learning to market your section programs to both existing members and potential members.
- Networking with fellow colleagues in the industry.
- Broaden your public speaking skills.

Project Management

- Design programs for your section that appeal to member interests.
- Enhance your research skills, find out what your membership's interests are
- Implement the development of compelling programs.
- Qualify program presenters that will engage your membership audience.

Financial Skills

- Create budgeting for programs and events.



President

Nominations:

Josh Bornia 2nd term



Vice President

Nominations:

Megan Barclay 2nd term



Secretary

Nominations:

Sunil Nakai 6th term



Treasurer

Nominations:

Adam Behiels



Awards

Nominations:

Derek Ginnell 4th Term



Communications

Nominations:

Colin Fair 6th Term

Ben Rajewski, Co Chair – 2nd Term



Education

Nominations:

Ryan Benvenuto 3rd term



Membership and Nominating

Nominations:

Todd Shearer 4th Term



Program

Nominations:

Lena Stenhouse 3rd term

Tanya Steeves, Co-Chair 1

Al Haberman, Co-Chair 2



Board Managers

Nominations:

Trina Larsen

Adam Behiels

Brent McCabe

Conrad Andrelunas

Colin Wright

Norm Henze

Ryan Sonnenberg



Northern Lighting Awards



Exterior



Wally Footz Baseball Field



Wally Footz Baseball Field

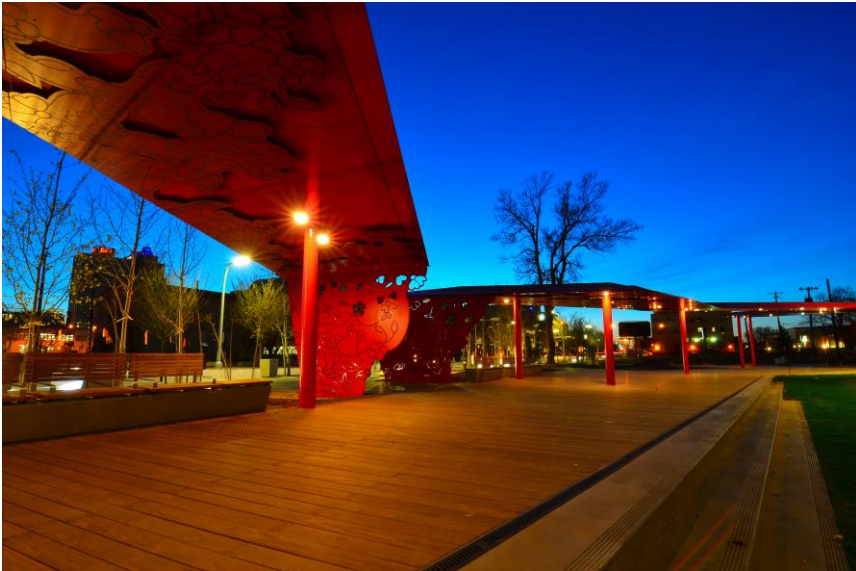


Kinistinâw Park Phase 1

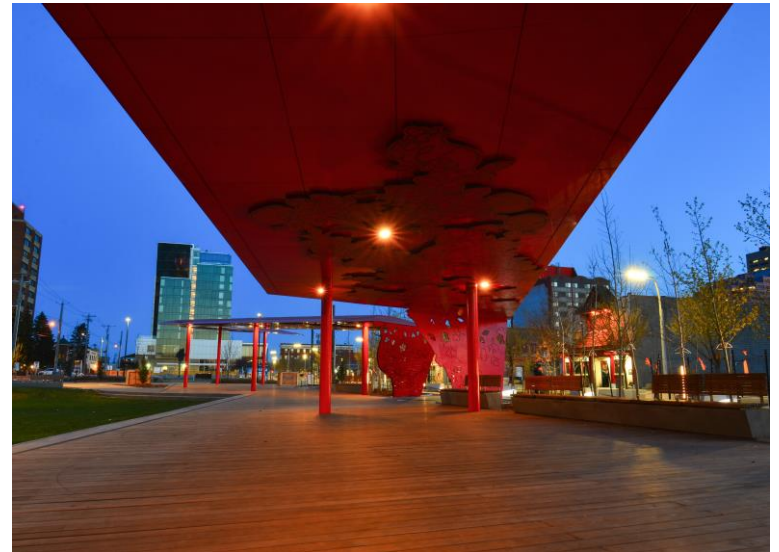


Section 79

Kinistinâw Park Phase 1



Kinistinâw Park Phase 1



Interior



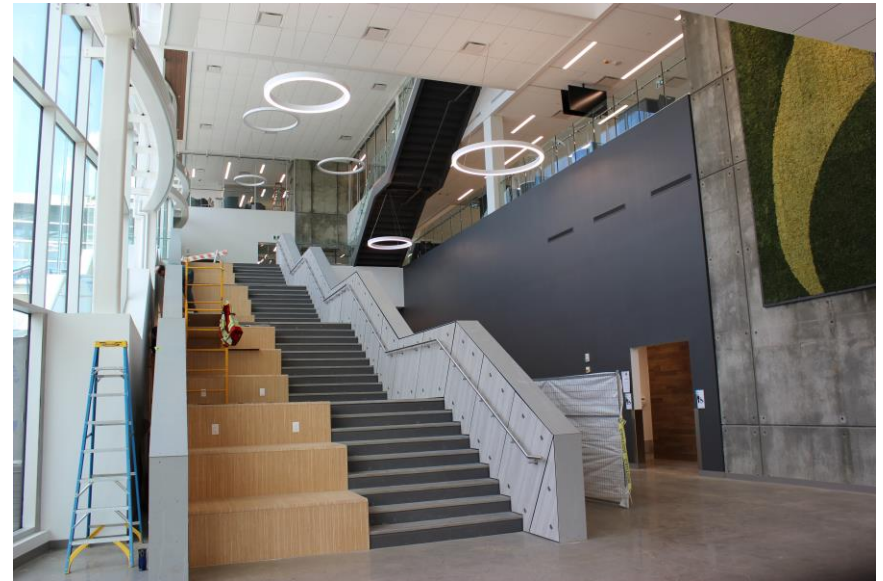
MacEwan University - SAMU



MacEwan University - SAMU



MacEwan University - SAMU



Section 79

Women's Diagnostic Imaging Clinic



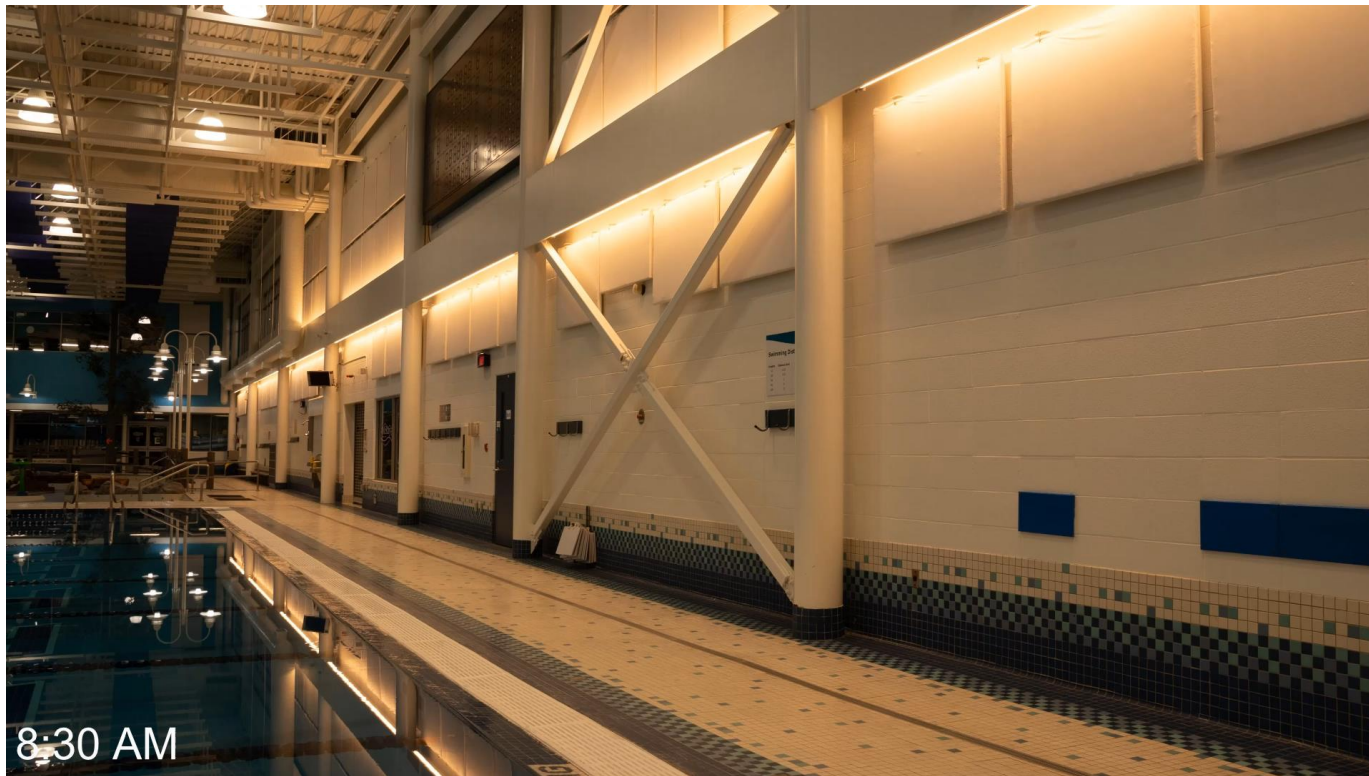
Women's Diagnostic Imaging Clinic



Women's Diagnostic Imaging Clinic



Millennium Place Dynamic Lighting



Section 79

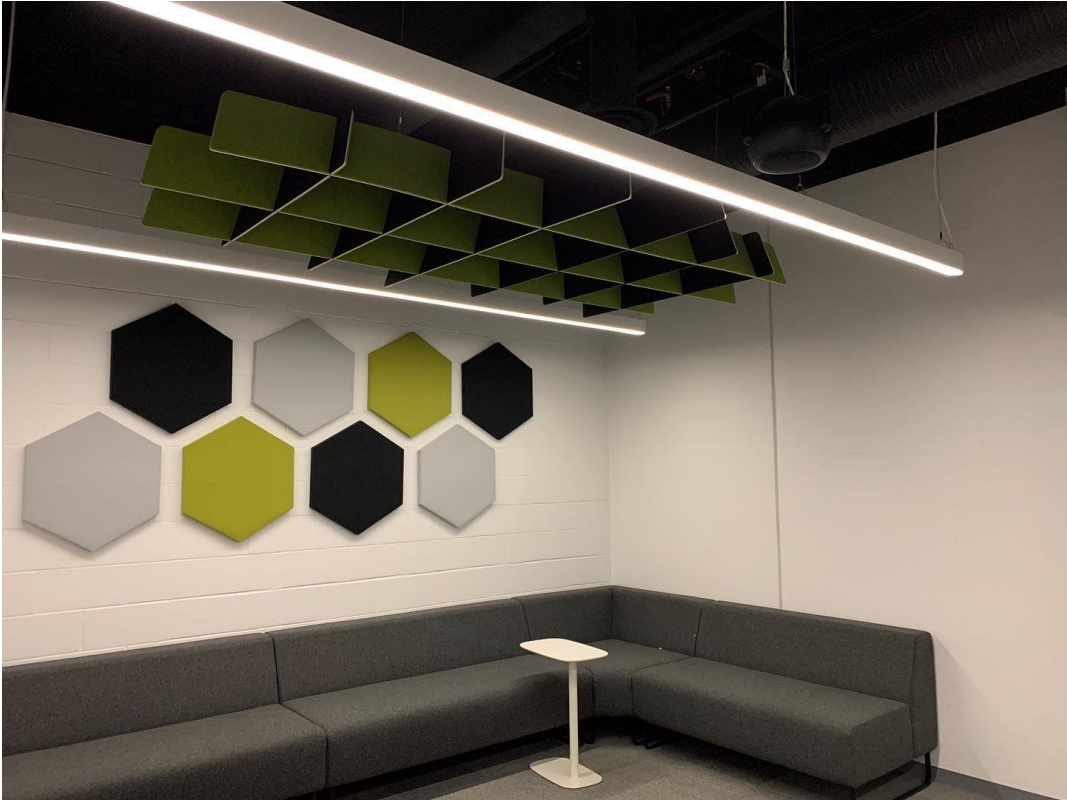
Millennium Place Dynamic Lighting



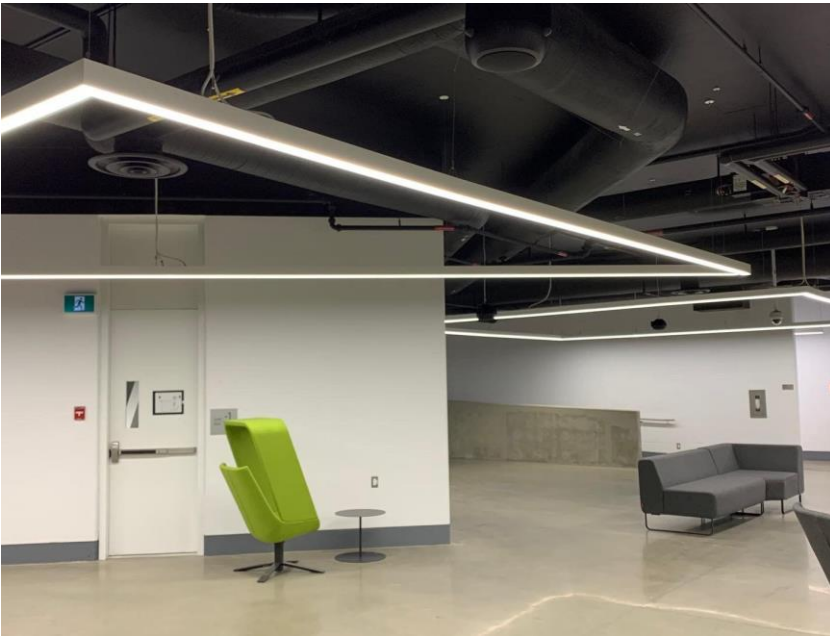
Millennium Place Dynamic Lighting



Northeast Transit Garage



Northeast Transit Garage



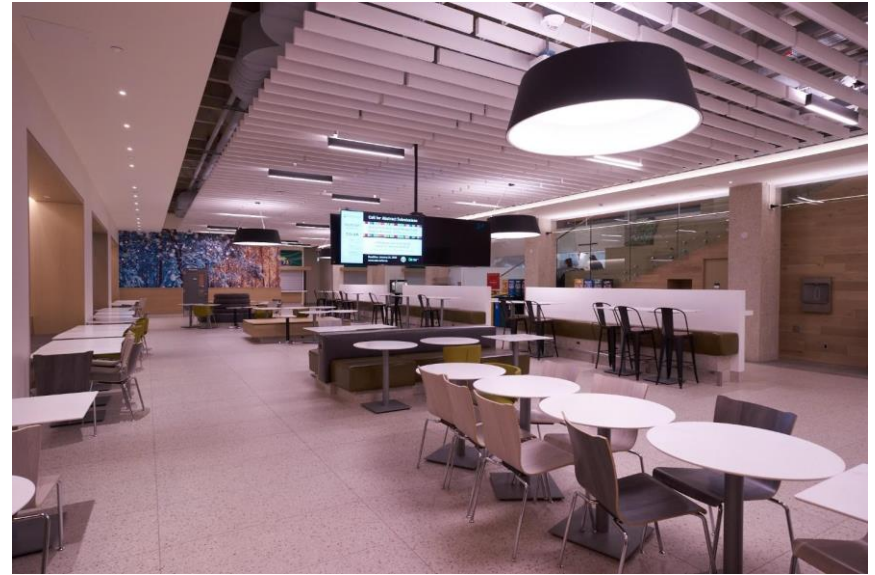
Northeast Transit Garage



CAB Basement



CAB Basement



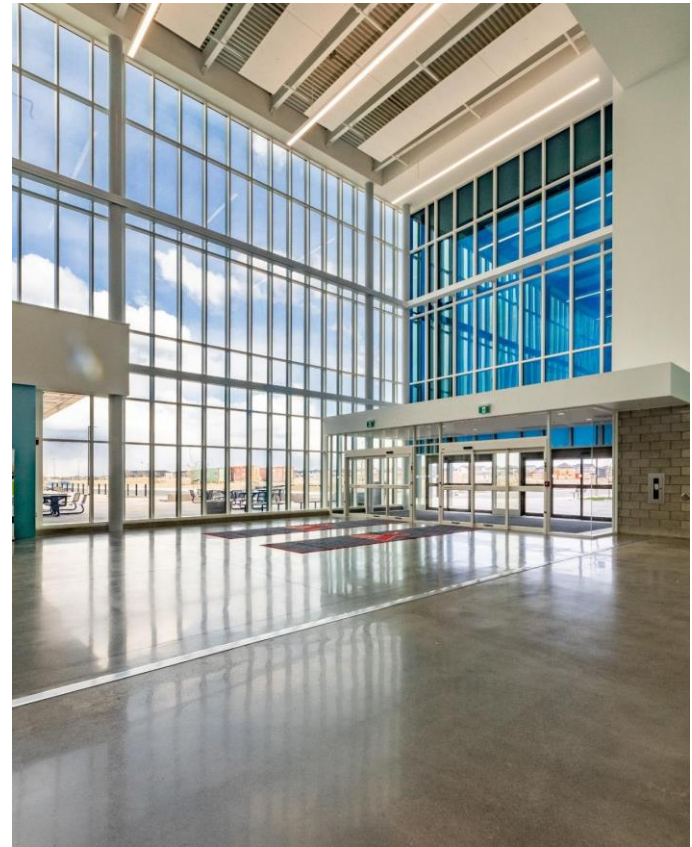
CAB Basement



Cor Van Raay YMCA



Cor Van Raay YMCA



Cor Van Raay YMCA



EPKK School



EPKK School



EPKK School



EPKK School

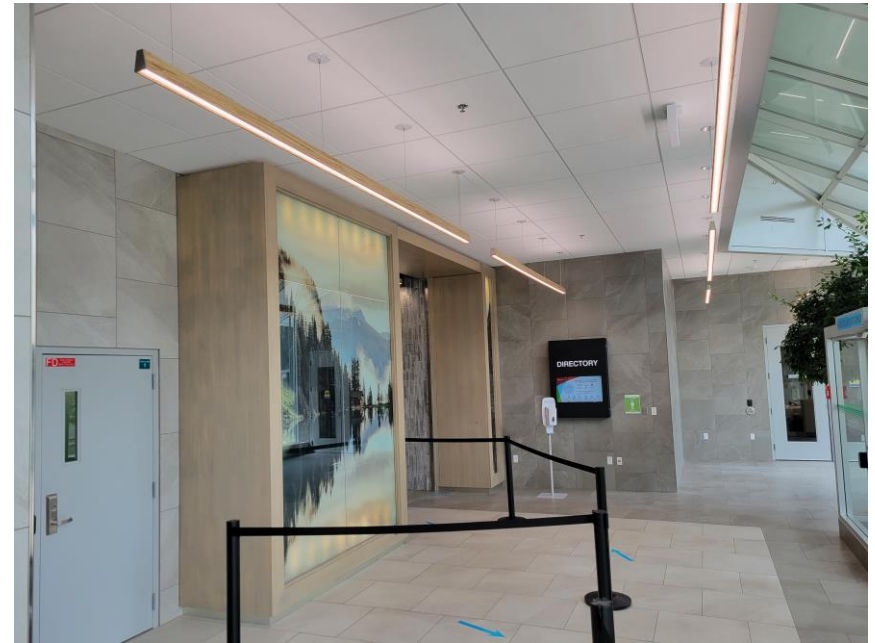


Office Tower Renovation

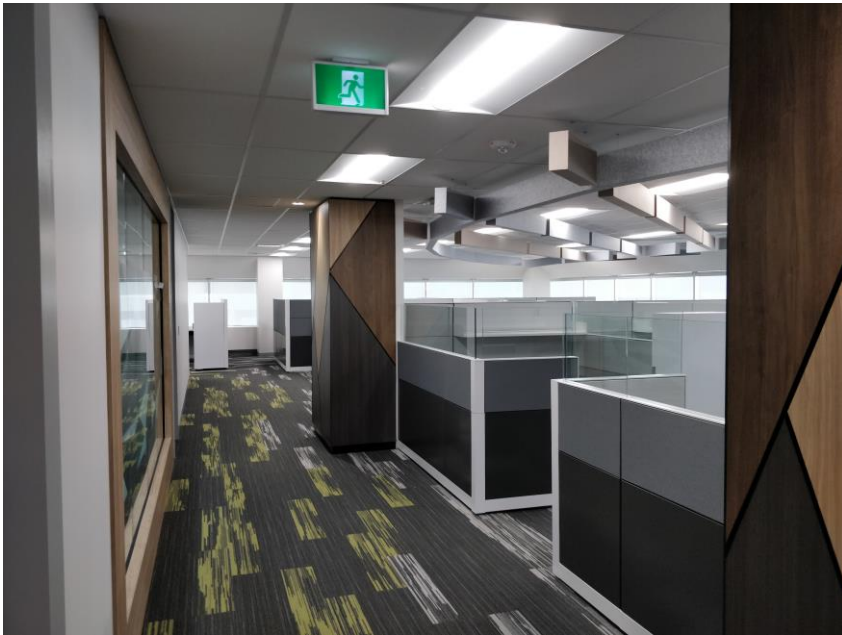


Section 79

Office Tower Renovation



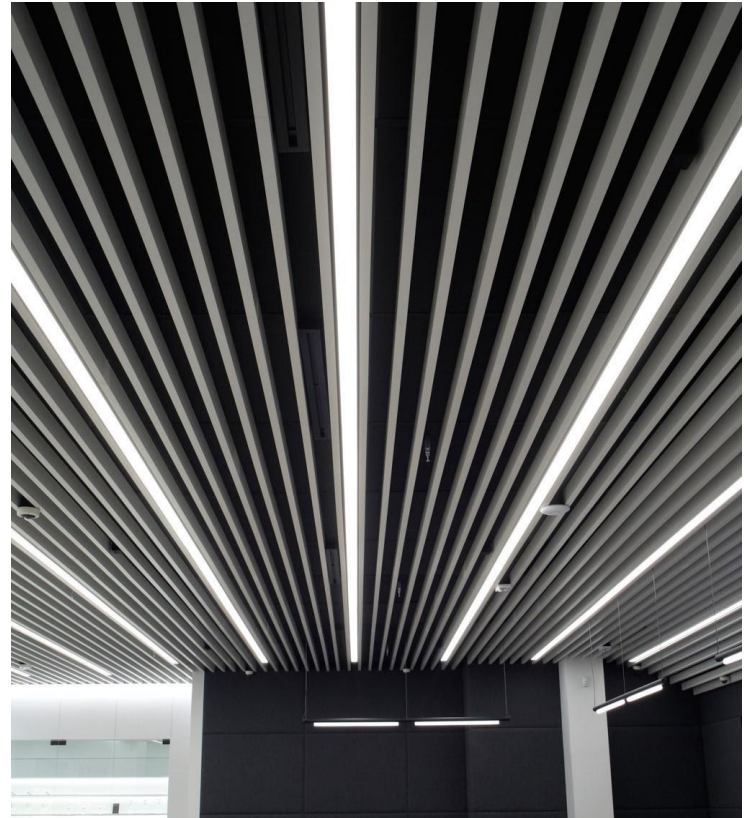
Office Tower Renovation



Specialty Retail Store



Specialty Retail Store



Specialty Retail Store



Northern Lighting Awards



Closing Remarks

Questions?

info@iesedmonton.org

www.iesedmonton.org

