



# The Rochester Engineering Society Newsletter

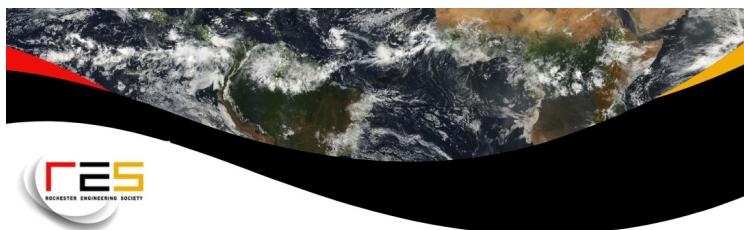
Promoting and Celebrating Engineering

in Rochester

Serving the Rochester Community for over 125 years!



## RES UPCOMING EVENTS



**Corporate Members of the Rochester Engineering Society**

ENTERPRISE LEVEL



### THE ROCHESTER ENGINEERING SOCIETY'S CONTINUING EDUCATION SERIES



THURSDAY  
February 27, 2025



TICKET PRICES  
RES MEMBERS: \$30  
NON-RES MEMBERS: \$45

#### CHEMISTRY AND PHYSICS OF CLIMATE CHANGE: ENERGY BUDGET AND GREENHOUSE GASES

START AT  
1:00PM

1 PDH OFFERED



NATHAN EDDINGSAAS  
Ph.D.,  
Associate Professor, Rochester Institute of Technology (RIT)

#### THE SCIENCE OF GLOBAL WARMING: WHAT DO WE KNOW ABOUT CLIMATE CHANGE

1 PDH OFFERED

START AT  
2:30PM

RICHARD GUDGEL  
Retired,  
NOAA Climate Scientist

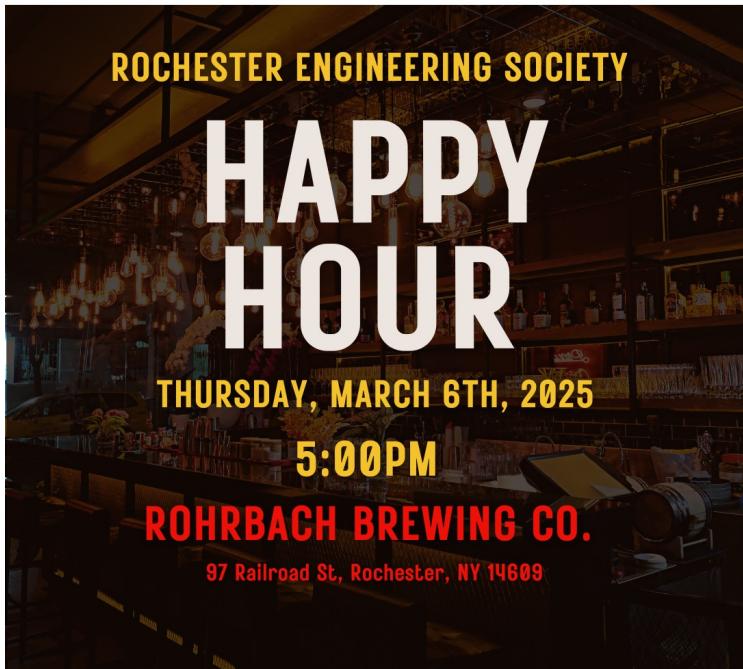


**L3HARRIS**



**ENGINEERING**

RES Continuing Education Series: 'Chemistry & Physics of Climate Change: Energy Budget & Greenhouse Gasses' and 'The Science of Global Warming: What do we Know about Climate



## RES Monthly Happy Hour

March 6, 2025 | 5:00PM

## RES ANNOUNCEMENTS



## Corporate Members of the Rochester Engineering Society

### CHAMPION LEVEL

- Greater Rochester Chamber of Commerce
- IBC Engineers, Innovators and Partners
- LaBella Associates
- MRB Group, Engineering, Architecture and Surveying
- Orolia
- Pathfinder Engineers & Architects LLP
- Popli Design Group
- Ravi Engineering & Land Surveying, PC

## Corporate Members of the Rochester Engineering Society

### SUSTAINING LEVEL

- BME Associates
- CDE Engineering and Environment, PLLC
- CHA Consulting, Inc
- Clark Patterson Lee
- C&S Companies
- Day Engineering, PC
- Electrostatic Answers
- Erdman Anthony & Associates
- Fisher Associates
- Greenman-Pederson, Inc.
- Haley & Aldrich
- Hunt Engineers, Architects and Land Surveyors, P.C.
- Lu Engineers
- Optimization Technology
- Passero Associates
- Patriot Design & Consulting
- RIT/KGCOE
- SWBR
- University of Rochester Hajim School of Engineering and Applied Sciences

# The Rochester Engineering Society's 2025 Scholarship Winners

## *Congratulations!*

Joseph W. Campbell Memorial

**Alex Shuron**

Rochester Institute of  
Technology,  
Mechanical Engineering

Susan L. Costa Memorial

Scholarship

**Nyasha Gwaza**

University of Rochester,  
Electrical & Computer Engineering

David Fergusson Memorial

**Darren Chen**

University of Rochester,  
Mechanical Engineering

Keith W. Amish Memorial

Scholarship

**Hailey Epstein**

University of Rochester,  
Mechanical Engineering

IEEE

**William Knoff**

University of Rochester,  
Electrical and Computer  
Engineering

IEEE

**Kyle (Newt) Perlman**

University of Rochester,  
Electrical and Computer  
Engineering

DHURJATY Family Scholarship

**Isabella Doty**

University of Rochester,  
Mechanical Engineering

Adam W. Lawas Scholarship

**Mary Cotter**

University of Virginia,  
Mechanical Engineering



## The Rochester Engineering Society's 2025 Scholarship Winners

[View List of Winners](#)



### RES Tutoring Program

RES has been seeking out tutoring programs for anyone interested in helping our community. The link below is for the "Help me Read" program, a program that operates at RCSD School 17. If you are interested in tutoring through this program or have additional questions about it, please contact

Dennis Roote at (585)330-6986 or e-mail [Dennis.roote@cde-pllc.com](mailto:Dennis.roote@cde-pllc.com). As more programs are explored, they will be posted on the RES website.

[Learn More Here](#)

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## RES AFFILIATE NEWS

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### Tour of Lakelands Concrete Products

**February 28, 2025**

7520 E. Main Street  
Lima, NY 14485

- Time: 10:30am–1:00pm
- Fabrication Shop Tour & Presentation
  - Lunch & PDH Credits Included
  - Members & Non-members: \$20

**REGISTER HERE:**

<https://www.abcdwny.com/events-1/tour-of-lakelands-concrete-products>

### Spring Seminar

**April 4, 2025**

**Batavia Downs Gaming and Hotel**

ABCD Tour of Lakelands Concrete Products

February 28, 2025 | 10:30AM - 1:00PM



### ASHRAE's February News

[View February News](#)

 **IEEE**  
**IEEE's March  
Newsletter**

[View March News](#)



**Terra Rochester's  
March News**

[View March News](#)



**RPE March  
News**

[View March News](#)

**INDUSTRY NEWS**

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APRIL 10, 2025

## REGISTRATION FOR THE ENGINEERING SYMPOSIUM IN ROCHESTER 2025 IS OPEN!

RIT Inn and Convention Center | 8:00AM - 5:00PM

UP TO 6 PDH CREDITS

MULTIPLE TRACKS OF SIX CREDITS OFFERED IN COORDINATION WITH IEEE, ASPE, ASHRAE, ASCE, NYSATE, RES, MONROE CHAPTER OF NSPE-NY

EARLY REGISTRATION: \$150

REGISTRATION AFTER MARCH 10TH: \$175

\*LIMITED TO 350 REGISTRANTS\*

THERE WILL BE A LIMITED BREAKFAST, BEVERAGE SERVICE, AND LUNCH PROVIDED. THE ON-SITE BAR AND RESTAURANT IS AVAILABLE AFTER 5 PM FOR NETWORKING AS A SEPARATE ACTIVITY.

## Registration for Engineering Symposium in Rochester 2025 is now open!

April 10, 2025 | 8:00AM - 5:00PM

Register



Join us for a day of skiing or snowboarding with lunch and Après ski. Connect with professionals from Construction, Architecture, and Engineering fields.

Never hit the slopes before? Join us for a learn to ski experience with Shared Ski Adventures volunteer coordinator or enjoy an afternoon in the lodge with great company.

12pm Check In / Open Ski & Lunch / Après Ski 4-6pm

\$100/Adult

Includes lunch, all day skiing & Après Ski with entertainment and refreshments

\$75/Adult

Hunt Hollow Members or Après Ski only

Proceeds benefit the more than 55,000 children and adults with special needs served by Al Sigl Member Agencies each year.

JOIN US!



Sponsorship opportunities available. Bring a group and receive valuable recognition.

Questions? Contact Hailey at 585.442.4102 x8929 or hcole@alsigl.org



## Hunt Hollow Ski Club; A Lift for Abilities 2025 Ski Benefit

February 28, 2025 | 12:00PM - 6:00PM

Register

## JOB POSTINGS



- **Bridge Project Manager - Colliers**  
Engineering & Design

Would you like to post an ad in the RES job postings newsletter & website? [To submit a job posting for our newsletter, email RES@frontiernet.net.](mailto:RES@frontiernet.net)

*New York State Pay Transparency Law requires all job, promotion, or transfer opportunities advertised by an employer to include a salary, hourly rate, or range of pay. For any job descriptions sent to the Rochester Engineering Society for posting, please include the pay ranges for the positions. We reserve the right to not post the job until that information is included.*

[\*More Information.\*](#)

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## RIT NEWS



### [\*\*Researchers discover solutions to build stronger bridges\*\*](#)

Aging infrastructure is a major issue in the U.S. with nearly 50 percent of bridges considered in poor condition—nearly 12 percent are over 80 years old; 42 percent are over 50. Many have high volumes of traffic.

### [\*\*Growing collaboration advances semiconductor industry\*\*](#)

RIT is working to improve competitiveness in computer chip design, development, and manufacturing as part of an international partnership.

### [\*\*Research collaboration between RIT and Cornell produces new technique to enhance sensors and photonic devices\*\*](#)

Researchers have discovered new ways to bend

light to improve optical applications such as sensors, displays, and next-generation photonic devices.

## Faculty member helps redesign 'Doomsday Clock'

An RIT faculty member helped redesign an infamous clock that made international headlines this week—and the body of the clock was printed in RIT's SHED.

## PROFESSIONAL SERVICES





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[J.welch@wellsfargo.com](mailto:J.welch@wellsfargo.com)

# Looking to Advertise with RES?

## The Rochester Engineering Society's Advertising Opportunities (as of January 2025)

- Quarterly Rochester Engineer Magazine Feature: **4 per year** (January, April, July, October)
- Newsletters (email): **20 per year**; 1 each magazine month (Jan, Apr, July, Oct), 2 in each non-magazine month (Feb, Mar, May, June, Aug, Sep, Dec)
- RES Social Media (LinkedIn, Facebook): **52 per year**



Description	Proposed Rate Effective January 1, 2025	Frequency	Format
<b>Job Postings</b>	\$25 per post (In the magazine OR newsletter)	Up to advertiser	Either a link to the website that is featuring the job posting, or a PDF of the job posting with contact information (Job posting <b>MUST</b> include salary range)
<b>Special Postings</b>	\$75 per post (Magazine, newsletter, social media)	Up to advertiser	To be defined as needed depending on the platform (Magazine, newsletter, social media) can be for a special event or a large ad, etc.)
<b>Business Card</b>	\$300 for the year	Featured in our newsletter once per month & featured quarterly in our Magazine (16 times per year)	Discount included in Corporate Membership 10% Sustaining 15% Champion 25% Enterprise

Which advertising opportunity is right for you?

*Contact [res@frontiernet.net](mailto:res@frontiernet.net) to learn more about advertising & RES.*



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