



Chicago Engineers' Foundation

of the Union League Club of Chicago

Empowering Chicago's Future Engineers

Sponsorship Opportunities





Mission

To encourage and empower young people to become the next generation of engineers through scholarship opportunities, outreach to educational institutions, and promoting interest in engineering as a career.

History & Programs

The Chicago Engineers' Foundation (CEF) evolved from the Chicago Engineers' Club, an organization established in 1903. In 1969, CEF began a student focus, with a scholarship program that has grown for more than 50 years. CEF programming also includes K-12 outreach to inspire young minds, the merit-based scholarship awards to support students through their college studies, and career development activities to equip college students with the tools to achieve their engineering career goals.





Scholarship Awards

Annually, Chicago Engineers' Foundation (CEF) presents \$100,000 in merit-based scholarship awards to high school and college students from neighborhoods across Chicago. These students are young women and men who excel academically, and have demonstrated aptitude and enthusiasm in pursuing an engineering career. More than 40% are the first in their family to attend college, and they are accepted to engineering programs nationwide, from Chicago area universities to Ivy League institutions. Students attending public, private, charter, or parochial high schools in Chicago are encouraged to apply for the Chicago Engineers Foundation award program.

The CEF award program is renewable over four years of undergraduate engineering studies for award recipients who maintain satisfactory grade point averages, and complete annual applications. The awards increase with each year that a student qualifies for a renewed award.

Awards are presented each June, directly to each recipient. Awards can be used for tuition, course materials, technology needs, living expenses, or any other college-related needs.

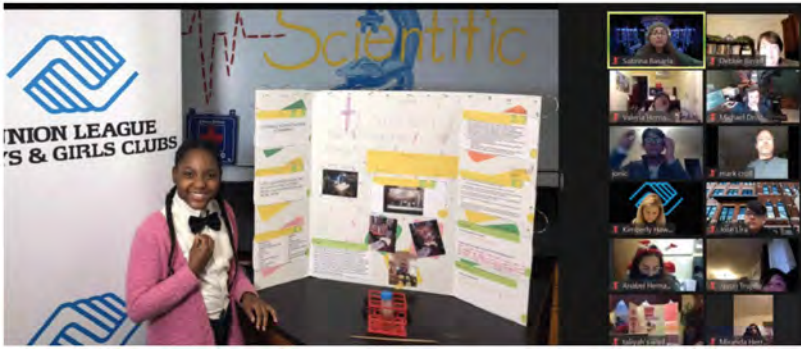
Graduating High School/Freshman Award Amount – **\$1,200**

Rising College Sophomore Award Amount – **\$1,600**

Rising College Junior Award Amount – **\$1,600**

Rising College Senior Award Amount – **\$1,600**

A Total of \$6,000 Over Four Years



K-12 Outreach

The Chicago Engineers' Foundation K-12 Outreach Program brings engineering concepts and career information to classrooms and organizations throughout Chicago.

Engineering professionals volunteer their time to visit, virtually or in-person, with students to talk about their career and school experiences as well as the engineering sector. In addition to facilitating career discussions, engineers participate in STEM events, science and career fairs, and other student-focused events. Annually, CEF volunteers participate in 50 outreach events, impacting more than 1,500 students.



Career Development

The career development program provides engineering college students (award recipients and others) with tools including virtual networking and in-person workshops, resume and interview skills sessions, personalized resume evaluations, mentoring opportunities, peer/professional networking, corporate tours, and individualized internship position searches. Virtual activities are offered to all award recipients, award program alumni, and any college students majoring in engineering. In-person workshops and networking events are available to award recipients during summer and winter school breaks.



Sponsorship Opportunities

The leadership of the Chicago Engineers' Foundation welcomes individuals, corporations, associations, and foundations to sponsor the organization's growing student-focused programs. Sponsorship ensures these programs continue to thrive and engage Chicago's next generation of engineers. All sponsors have the opportunity to receive name and logo recognition for their contributions. A variety of options are available.

Incentive Awards:

Incentive Award Sponsors partner with Chicago Engineers' Foundation to fully support merit-based awards for high school and college students. Sponsors may opt to support multiple awards per year or specific award recipients throughout their undergraduate matriculation. Each award sponsor has the option to name their award(s) and help select their award recipients.

Student Outreach and Career Development:

Sponsoring the K-12 outreach activities or career development initiatives offers younger students access to engineering concepts and hands-on activities facilitated by engineering professionals. Supporting the career development program offers college students access to mentoring, career tools, and workshops to help undergraduate students build their professional presence as they work towards achieving their engineering career goals. Sponsors may elect to volunteer for these programs and work directly with students.

Events:

Annually CEF hosts a National Engineers Week Luncheon, a Spring fundraising event, an Incentive Award Celebration, and other virtual or in-person programs geared towards professionals and students. Sponsorships are available for all events and include a variety of options for sponsor promotion and participation.



I believe that working in transportation will allow me to help others and make urban communities run better. I want to make our city's transportation system safer, more efficient, and more accessible for everyone.
— Casey, Sophomore

With an engineering degree, I can become a leader and aid the manufacturing industry as it continues to grow sustainably and looks for ways to innovate.
— Kamila, Freshman

By the time I graduate, I'll have the tools to improve any company I work for and make an impact on the world around me.
— Henry, Senior

My engineering degree will ultimately help me achieve my goal of representing more women of color in the engineering community.
— Zaryaab, Freshman

With my computer engineering degree, I look forward to joining the future of engineering and developing designs that reflect my value for diversity and ethics.
— Sanya, Sophomore

As a Hispanic woman interested in computer science, I am looking forward to exploring opportunities to increase the diversity in this field, and to become a role model for other young women interested in STEM.
— Alyssa, Freshman



My father's health challenges inspired me to contribute to the medical field as a materials science engineer. I want to pursue a career that makes a difference and carries out my passion of helping others.
— Kellie, Senior

I want to improve people's quality of life and help people across the world by making innovations more accessible to those in need and underrepresented minorities.
— Sophia, Freshman

The dream of stepping foot on another planet is common and I want to one day make this dream a reality and inspire future generations who also aspire to explore the cosmos.
— Nauman, Freshman

I want to use my engineering skills to go into technical consulting and be a person that can bridge the gap between the engineering sector and other professional fields.
— Zach, Junior

When I get into the workforce, I will be able to see the results of my work in the community, and I look forward to making an impact, which is the main reason I look forward to becoming an engineer.
— Collin, Senior

It is important that within my engineering career, I serve as a mentor, operate with a voice that is rooted in knowledge, actively advocate for marginalized communities, and address historical healthcare inequities.
— Lauren, Junior

CEF Scholars: In Their Own Words



Jackson Menendez

Freshman, Illinois Institute of Technology

When I was growing up, I became fascinated with skyscrapers and construction. I spent hours building LEGOS, Lincoln Logs, and Tinker Toys. Folding origami was something I also have a lot of skill with, I enjoy intricate lines and figuring out complex designs. In addition, I remember visiting the hotel my dad worked at downtown, noticing how the floor plans were set up: where guests sat, and how employees worked throughout the beautiful building.

I enjoy all the large structures and tall skyscrapers that made the city's skyline famous. I always thought the river running between our large buildings was spectacular too. In amazement, I would cross all the bridges downtown and peer down the Chicago River. I have so many questions and am always curious about how things work. All these experiences and observations impacted my aspirations to pursue a career in civil engineering.

As a high school senior, I enjoyed and excelled in engineering classes and higher-level math classes. I have worked hard to get myself prepared to be successful in college. In addition to my classes, I was an officer in the National Honors Society, a member of the Local School Council, a Peer Mentor, and an Eagle Scout.

My career objectives are to work hard in college and graduate with a degree in civil engineering. I would like to get experience and learn from others already in the field of engineering. I want to explore all aspects of civil engineering and gain a strong understanding of bridge building and roadways. One of my interests is repairing infrastructure that is badly needing attention here in America. I would like to be part of a team of engineers that plans and designs the structures of my generation, leaving my thumbprint on my community and nationally. I also want to mentor young people from an urban background like me and encourage them to stay in school and take a chance on many opportunities, as I have throughout my life. My message to the next generation of engineering professionals is to be involved and not let opportunities pass you by.



Zaryaab Khan

Sophomore, Columbia University

As I embarked on my journey as a first-year computer science student at Columbia University, I primarily focused on my classes. With Introduction to Java, I had the opportunity to work with many different engineering students to collaborate and help amplify my skills. Thanks to my work in this class, I was accepted into one of the most competitive clubs on campus, *The Columbia Spectator*, our student-run newspaper.

I work in the engineering department at the Spectator, on website development and app creation. This work enables me to use my learned skills to develop a real-life solution to provide news to the entire university community. With the *Spectator*, I also created the Black History Month website, which was read by thousands of students and highlighted on the university's main webpage.

In addition, I've participated in two hackathons this academic year. The first was the Civic Tech for Good hackathon. At this event, my team and I won the first place Education Award for developing a solution to the rising gender gap in the tech industry. At the Data Science Hackathon, I collaborated with PhD students to create a website to display crime rates in New York and learned how to analyze this data. Both hackathons

showed me the powers of leadership and participation. While it was a joy to take first place, it was collaboration and community that helped us win.

Finally, during my first year in college, I was also able to join clubs that let me combine my interest in social justice with computer science. I am a board member for the Columbia Political Union. We host events for marginalized communities at Columbia and create forums for their voices. I help them with website development and marketing by using the skills I am learning in my classes. In the first year of my education, I have paired my interests in computer science and social justice to eagerly help my community while working towards my engineering career.

Being a CEF Scholar enabled me to get all the supplies needed for the year. It also gave me the opportunity to connect with individuals who share a passion for engineering. With my award, I purchased Physics and Chemistry online textbooks and coding software. I was also able to stay interconnected with the CEF community through email and LinkedIn communications. As someone who values community, Chicago Engineers' Foundation is a supportive and uplifting group that wants to see students succeed to the fullest.

CEF Scholars: In Their Own Words



Katelyn Schumacher

Junior, Vanderbilt University

I am eternally grateful for the Chicago Engineers' Foundation. This award has provided me with financial support that allows me to attend Vanderbilt University without having to pursue any work-study options or outside jobs that would take away from my studies.

In addition to the financial support, CEF provides students with a network in the engineering sector. Coming into college, I had quite the awakening of how difficult my course load would be. Participating in CEF activities and talking with industry professionals gave me a great deal of advice. I even had the chance to meet with a professor to discuss new study tactics. In addition, I have received an incredible amount of guidance on internships and other career-related topics that give me the ability to become the best engineer I can be.

Ultimately, all of my doubts in pursuing my career aspirations were eliminated by everyone who has supported me within CEF and I am now confident that I will be able to not only attain my degree, but also excel in engineering. I intend to work in

medicine following my graduation with a degree in biomedical engineering. Chicago is a perfect example of where the intersections of engineering and medicine could greatly benefit people, given the socioeconomic barriers people face across the city that inhibit their ability to receive high-quality medical care. I would love to develop cost-effective medical devices that can be distributed to people in low-income communities to help monitor and treat health conditions.

Thanks to the Chicago Engineers' Foundation, I have a network of professionals and peers offering advice, mentoring opportunities, and the chance to learn and grow as a college student and a future biomedical engineer.



Cristian Ortiz

Senior, University of Illinois at Urbana-Champaign

I deeply appreciate the Chicago Engineers' Foundation and the support provided to me as an award recipient. From financial assistance to career guidance, it has been invaluable to me as I pursue my dreams. I shatter any limiting beliefs that were imposed upon me growing up.

Thanks in part to the support I've received from CEF and other organizations, I was able to secure a work permit this last November that attests to my ability to contribute positively to society. Additionally, my new U-Visa status allowed me to obtain a social security number, which paved the way for me to attain citizenship. And I am thrilled to share that I had my first internship this summer, as a software developer with McDonald's engineering department!

In addition to my awards, CEF's networking events, the LinkedIn student group, and one-on-one guidance, have helped me find different opportunities and keep up with other Scholars and events. If it weren't for the continuous support from the Chicago Engineers' Foundation, I'm uncertain whether my family would have had the assurance that my education would be taken care of without any financial strain.

We are extremely grateful to the organization for everything, which has enabled me to demonstrate my abilities and pursue my academic potential.

Through your support, I have been able to continue my software development studies, even as an undocumented minority in my field. As a Rising Senior, I am now one year closer to inspiring future generations of Hispanics and minorities in STEM and demonstrating that they too can achieve their aspirations. This is why I wish to express my heartfelt gratitude to the Chicago Engineers' Foundation for all the support that has allowed me to pursue my professional and academic growth without worries.

Aside from working on my technical and professional skills throughout college, I managed to channel my coursework into side projects. I worked to create a website for my stepdad's carpentry business. In addition, I am a participant in various organizations on campus, including the Society of Hispanic Professional Engineers, iCause, and the Ecuadorean Student Association. I also received some additional merit scholarships that have all helped me feel a sense of certainty, that despite being a minority in engineering and CS, I belong here and will soon become a mentor and inspiration to many others.

Thank you to everyone within the Chicago Engineers' Foundation. I am a proud future engineer, a member of the CEF community, and I aspire to stay involved and contribute by mentoring and supporting other future engineers.

2023 Incentive Award Recipients

FRESHMAN CLASS

Devin Abraham
Rice University

Haron Abuelhija
*Illinois Institute
of Technology*

Robert Bobowski
Yale University

Mandy Bu
Northwestern University

Colleen Burke
Vanderbilt University

Kayla Cabello
University of Michigan - Ann Arbor

Melanie Cabrera
Northwestern University

Jenny Chen
Northwestern University

Summer Cobb
University of Pennsylvania

Rami Dano
*University of IL
at Urbana-Champaign*

Ilona Edstrom
Purdue University

Madeline French
Purdue University

Mia Fritsch-Anderson
*Illinois Institute
of Technology*

Cindy Ho
Vanderbilt University

Jackson Menendez
*Illinois Institute
of Technology*

Sebastian Pacheco
Northwestern University

Kate Roarty
University of Michigan

Evan Robinson
Stanford University

Filipp Salagaev
*University of IL
at Urbana-Champaign*

Madeline Sullivan
*University of IL
at Urbana-Champaign*

Gabriela Weffer
University of Illinois at Chicago

Evan Yeager
*University of California
- Berkeley*

Sam Zajczenko
*University of IL
at Urbana-Champaign*

Edward Zhou
Capitol Technology University

SOPHOMORE CLASS

Vivian Chen
Northwestern University

Marcus Cosentino
Northwestern University

Kamila Dominikowski
Northwestern University

Ian Falk
Purdue University

Alyssa Flores
*University of IL
at Urbana-Champaign*

Katharine Gillespie
Purdue University

Maya Gonzalez
Miami University

Shuroq Hussein
*University of Illinois
at Chicago*

Liam Jackson
Marquette University

Zaryaab Khan
Columbia University

Camila Marden
*University of IL
at Urbana-Champaign*

Sophia Rosenthal
*University of IL
at Urbana-Champaign*

Kyle Sabo
University of Illinois at Chicago

Charles Schultz
Iowa State University

Josiah Shimandle
*Massachusetts
Institute of Technology*

Nauman Siddiqui
University of Michigan - Ann Arbor

Adrian (Sam) Vargas
*University of IL
at Urbana-Champaign*

Alexander Xie
*University of IL
at Urbana-Champaign*

JUNIOR CLASS
Isaac Blender
*University of California,
Los Angeles*

Casey Brannigan
Purdue University

Daniel Diaz
*Illinois Institute
of Technology*

Ethan Dooley
*University of
Wisconsin at Madison*

Alexander Grey
*Indiana University
- Purdue University*

Ricky Ho
*University of Michigan
- Ann Arbor*

Jaylynn Kim
*University of IL
at Urbana-Champaign*

Luke Lattyak
Northwestern University

Kaleia Maxey
Purdue University

2023 Incentive Award Recipients

Andre Nandi
University of Michigan

Bailey Nicholoff
University of Rochester

Julio Ramirez
Columbia University

Daniel Rodriguez
University of IL
at Urbana-Champaign

Kiernan Schumacher
University of Chicago

Katelyn Schumacher
Vanderbilt University

Sanya Sharma
University of IL
at Urbana-Champaign

Nathan Stalder
University of IL
at Urbana-Champaign

Nal Xaviera
Princeton University

SENIOR CLASS
Samuel Cooper
University of Wisconsin
at Madison

Maximelio Finch
University of Iowa

Dua'a Hussein
University of Illinois
at Chicago

Connor McNamara
University of IL
at Urbana-Champaign

Cristian Ortiz
University of IL
at Urbana-Champaign

Peter Pao-Huang
University of IL
at Urbana-Champaign

Elias Rivera-Vazquez
Northwestern University

Luria Tapia
Case Western Reserve University

Lauren Weaver
University of Michigan

Molly Wehrenberg
University of California
- Los Angeles

Jackson Zhang
Massachusetts
Institute of Technology

Award Recipients by University



Capitol Technology University | Case Western Reserve University | Columbia University | Georgia Institute of Technology
Illinois Institute of Technology | Iowa State University | Marquette University | Massachusetts Institute of Technology | Miami University
Northwestern University | Princeton University | Purdue University | Rice University | University of California, Berkeley
University of California, Los Angeles | University of Chicago | University of Illinois at Chicago | University of Illinois at Urbana-Champaign
University of Indiana | University of Iowa | University of Michigan | University of Pennsylvania | University of Rochester
University of Southern California | University of Wisconsin at Madison | Vanderbilt University | Villanova University | Yale University

Thank You

On behalf of Chicago's future engineers, the leadership of the Chicago Engineers' Foundation extends its gratitude to the individuals, corporations, and organizations who contributed to our efforts this year.

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Value Management Resources

Incentive Award Sponsors

Individual Gifts of \$1000 & Beyond

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In memory of Michael A. Radomski

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Mr. Stephen Schlegel
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Mr. and Mrs. George Thomas
Ms. P. Kay Whitlock

Sustaining Donors

Gifts of \$150 - \$999

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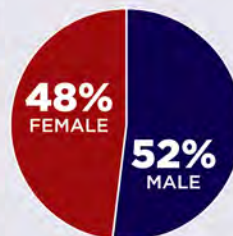
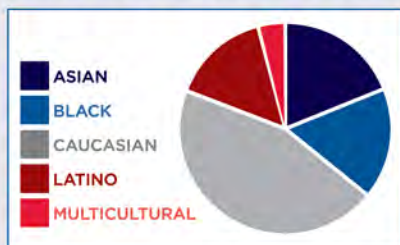
Friends of CEF

More than 1,200 ULCC members and individuals made gifts to CEF throughout the calendar year. These donations, totaling more than \$50,000 annually, are vital to CEF's mission and we are grateful for each contribution. Our apologies we cannot recognize each of these friends individually due to space limitations.

Our apologies for any omissions or inaccuracies. Please email any modifications to info@chicagoengineersfoundation.org & corrections will be made in future publications.

Community Impact: By the Numbers

About Our Scholars



MORE THAN 43%
ARE THE FIRST GENERATION IN THEIR FAMILY TO ATTEND COLLEGE

AVERAGE COMMUNITY SERVICE HOURS
220!

3.7
AVERAGE GPA



95%
RETENTION RATE
AMONG RETURNING COLLEGE STUDENTS

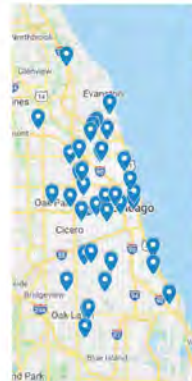
100 HOURS
OF CAREER DEVELOPMENT ACTIVITIES

NEARLY 1,300
VOLUNTEER HOURS IN 2023



100+
ACTIVE VOLUNTEERS

SCHOOLS AND ORGANIZATIONS SERVED 2022-2023



100 Black Men of Chicago
Alcott College Prep
Amundsen HS
Calculated Genius
Chicago Academy HS
Chicago Bulls College Prep
Chicago Assoc. of Student Engineers
Chicago HS for Agricultural Sciences
Chicago Scholars
Christ the King
Coinsequence
DePaul College Prep
DeVry Academy

Fifth Grade Girls STEM Day
Foreman College and Career Academy
Girl Scouts of Chicago/NW Indiana
Gwendolyn Brooks College Prep
Henry Elementary
ITW David Speer Academy
John Hancock College Prep HS
Jones College Prep
Kenwood Academy HS
Lane Tech College Prep

Latin School of Chicago
Lincoln Park HS
Lindblom Math & Science Academy
Loyola Academy
Marist High School
Mason Elementary
Mather High School
Muchin College Prep
Museum of Science & Industry-Chicago
Northside College Prep
North Grand HS
Pritzker College Prep
Resurrection College Prep

Rotary One Chicago
Sarah E. Goode Stem Academy
Schurz High School
Senn High School
South Shore International College Prep
St. Ignatius College Prep
St. Laurence HS
St. Patrick HS
St. Rita of Cascia HS
Taft High School
Thomas Kelly College Prep
Union League
Boys & Girls Clubs

Vex Robotics
Von Steuben Metropolitan Science Center
Walter Payton College Prep
Western Society of Engineers
Westinghouse College Prep
Whitney M. Young High School



STATEMENT OF FINANCIAL POSITION AS OF JUNE 30, 2023

ASSETS

CURRENT ASSETS

Accounts	\$87,991
Total Accounts Receivable	\$16,567

TOTAL CURRENT ASSETS

\$104,567

OTHER ASSETS

NT Investments	\$346,640
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TOTAL ASSETS

\$451,207

LIABILITIES & EQUITIES

CURRENT LIABILITIES

Total Accounts Payable	\$2,418
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TOTAL LIABILITIES

\$2,418

NET ASSETS

Unrestricted Net Assets	\$372,985
Net Assets with Donor Restrictions	\$37,272
Net Revenue	\$38,532

TOTAL NET ASSETS

\$448,789

TOTAL LIABILITIES & NET ASSETS

\$451,207



CHICAGO ENGINEERS' FOUNDATION

65 West Jackson Boulevard | Chicago, Illinois 60604

ChicagoEngineersFoundation.org

