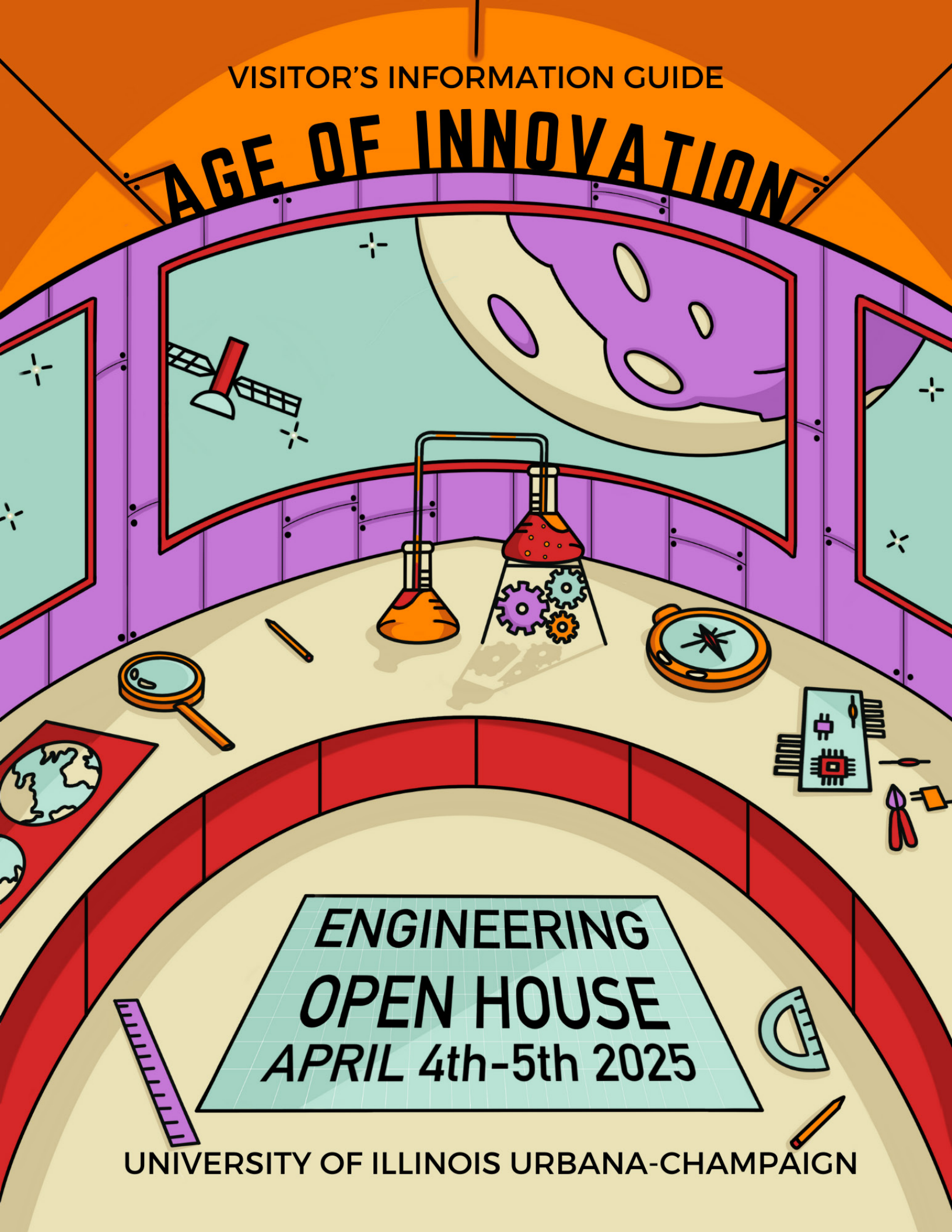
VISITOR'S INFORMATION GUIDE

AGE OF INNOVATION



ENGINEERING OPEN HOUSE

APRIL 4th-5th 2025

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

TABLE OF CONTENTS

For More Information

Visitor's Booth
Have any Questions? Need another visitor's guide? Exhibit suggestions? Find our volunteers to answer your questions in the Campus Instructional Facility (CIF), on Graziano Plaza, outside Sidney Lu Mechanical Engineering Building or outside Electrical and Computer Engineering Building (ECEB).

Food
Look out for our students' favorite food trucks on Springfield Avenue, including:
- Juanito's Tacos
- Chicago Grill
- Pastamania
- Kona Ice
- Travelin' Tom's Coffee Truck
- Lemonade Factory
- La Paloma
- Burrito King
- Fernando's Food Truck

Shirt Colors
Have a question? Check here to see who to ask!
Volunteers - Yellow
Exhibitors - Light Pink
Committee Members - White
Sponsors - Latte
Judges - Navy
HSDC - Bright Blue
MSDC - Lavender
Start-Up Showcase - Burgundy
Visitors - Aloe

In Case of an Emergency

Severe Weather
Please check our website in case of severe weather to see where exhibits will be held.
https://eohillinois.org

Missing Child
In the case of a lost/missing child: Notify the visitor's booth nearest to you that you have custody of a lost child. A volunteer will bring the lost child to the visitor's booth in CIF, notify 911, and meet the reporting person and the lost child there. This is where a parent/guardian can meet the child.

Medical Concerns
In case of injury, immediately notify any nearby volunteer and go to the EMS tent on Graziano Plaza, in between Engineering Hall and Everitt Laboratory.

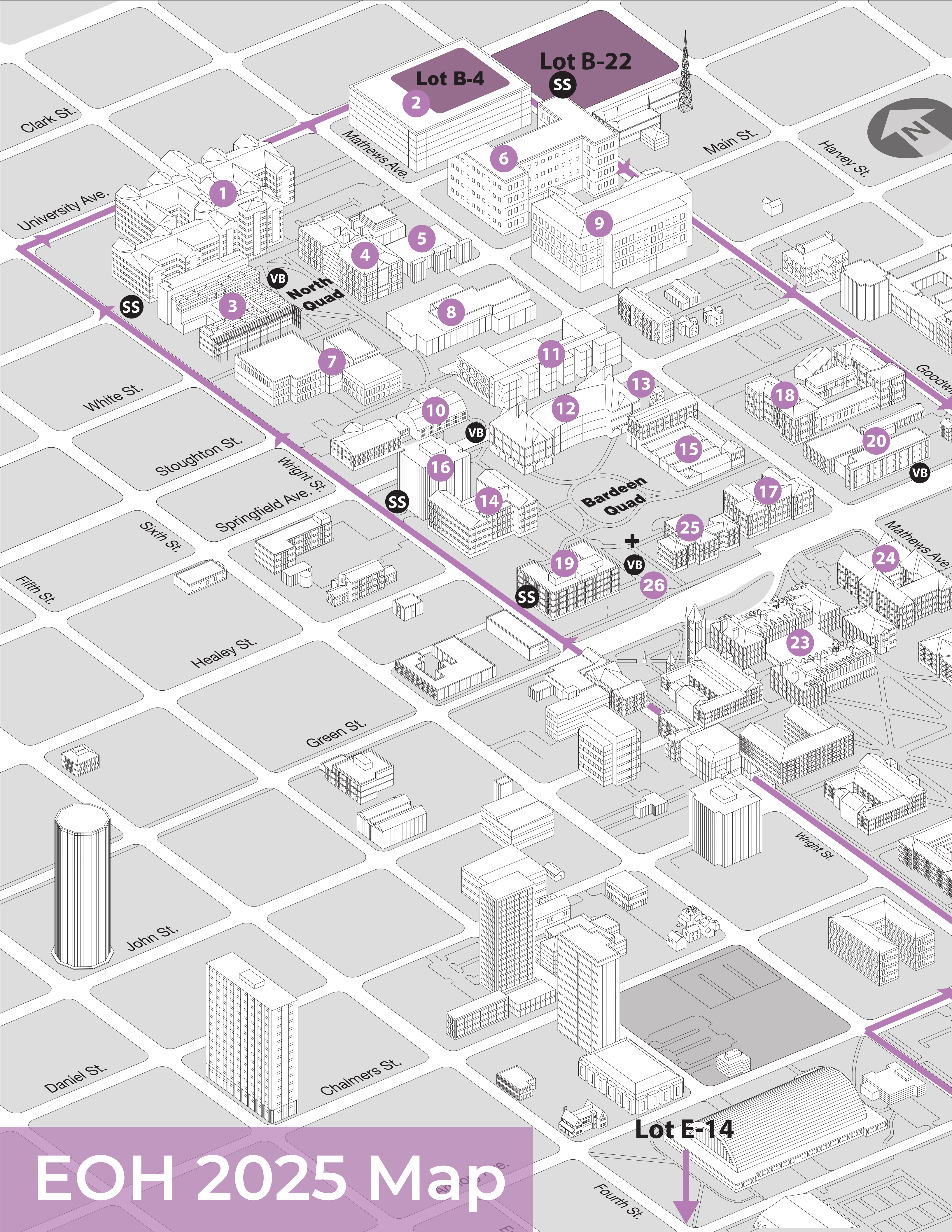
Local Hospitals
Carle Foundation Hospital
Presence Covenant Medical Center

Lost and Found
Missing items can be brought to our lost and found at the Visitor's Booth in CIF between 9 am and 5 pm on Friday and Saturday or at the Engineering Council Office (Engineering Hall 103C) any other time.

Other Emergencies
Approach any EOH volunteer in the Visitor's Booth in the Campus Instructional Facility.

All minors must be accompanied by a parent or guardian!

EOH 2025 Map



Lot B-4
Lot B-22
Lot E-14
SS
VB
North Quad
Bardeen Quad
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
23
24
25
26
Clark St.
University Ave.
Mathews Ave.
Main St.
Harvey St.
White St.
Stoughton St.
Wright St.
Springfield Ave.
Sixth St.
Fifth St.
Healey St.
Green St.
John St.
Daniel St.
Chalmers St.
Fourth St.


1. Beckman Institute
2. Coordinated Science Laboratory (CSL) Studio
3. Electrical and Computer Engineering Building (ECEB)
4. Coordinated Science Laboratory (CSL)
5. Hydrosystems Laboratory
6. National Center for Supercomputing Applications (NCSA)
7. Nick Holonyak Jr. Micro & Nanotechnology Laboratory
8. Newmark Civil Engineering Laboratory
9. Siebel Center for Computer Science
10. Kenney Gym Annex
11. Digital Computer Laboratory (DCL)
12. Grainger Engineering Library
13. Grainger Loading Dock
14. Talbot Laboratory
15. Mechanical Engineering Laboratory (MEL)
16. Campus Instructional Facility (CIF)
17. Materials Science and Engineering Building (MSEB)
18. Transportation Building
19. Everitt Laboratory
20. Sidney Lu Mechanical Engineering Building (LuMEB)
21. Loomis Laboratory
22. Materials Research Laboratory (MRL)
23. Illini Union
24. Natural History Building
25. Engineering Hall
26. Graziano Plaza
27. Observatory
VB Visitor's Booth
SS Shuttle Stop
Emergency Medical Services
Parking Lot
Springfield Ave.
Green St.
Oregon St.
Gregory St.
Gregory Dr.
Lorado Taft Dr.
22
21
27
SS

PARKING AND SHUTTLE INFORMATION

Parking

On Friday, visitors can park in these lots:

Lot E-14: Near State Farm Center. Can be used for all-day parking on Friday April 5th. The shuttle will pick people up from E-14 and send them to the Bardeen Quad/ other exhibits.

Lot B-4: North campus, can also be used for all day parking April 5th. There is no shuttle stop here, so attendees will have to walk to Bardeen Quad (closest stop would be B-22).

On Saturday, visitors can park in:

B1- Springfield Avenue between Mathews and Goodwin, B17- Harvey Street between Clark and Main, C09- Chalmers and Sixth, D09- Illinois and Lincoln, E14- First Street and Kirby, F23- Lincoln Avenue and Florida, F28- Peabody and Dorner Drive, B4- University and Mathews, F29- Gregory and Dorner Drive.

Pick-up and Drop-off

B-22 will be used for bus parking, buses will only be able to pick up/drop off there. Visitors must take the shuttle or walk to B-22 and leave from there at the end of their day if being picked up by a bus.

Street Closures

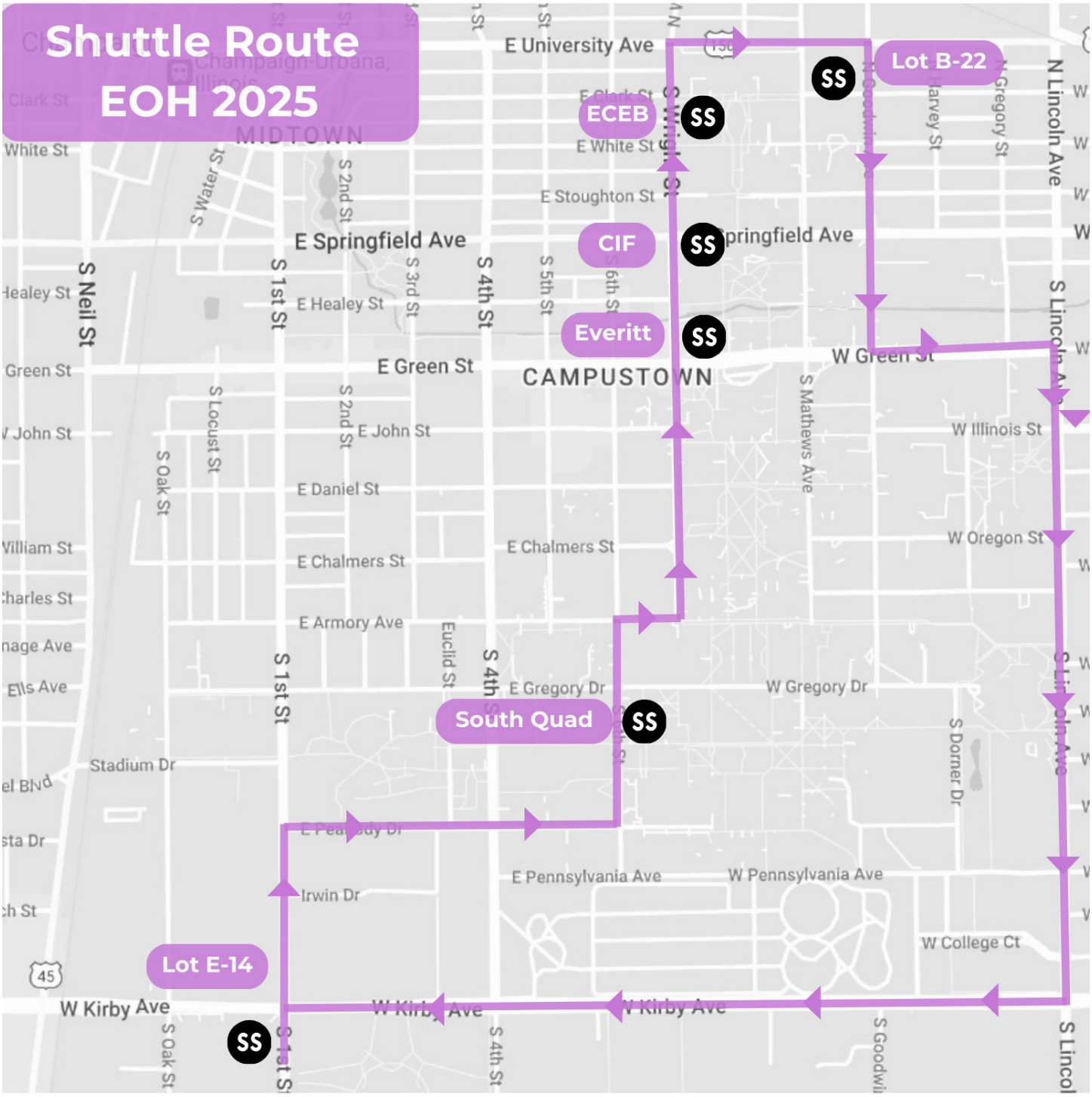
W. Springfield Ave (Wright to Mathews) and S. Mathews St (Green to Springfield) will be closed. Only sponsors, committee members, F&S vehicles, emergency vehicles, and field trip buses will be allowed in. The road will be closed from 7 am to 6 pm.

Shuttle Information

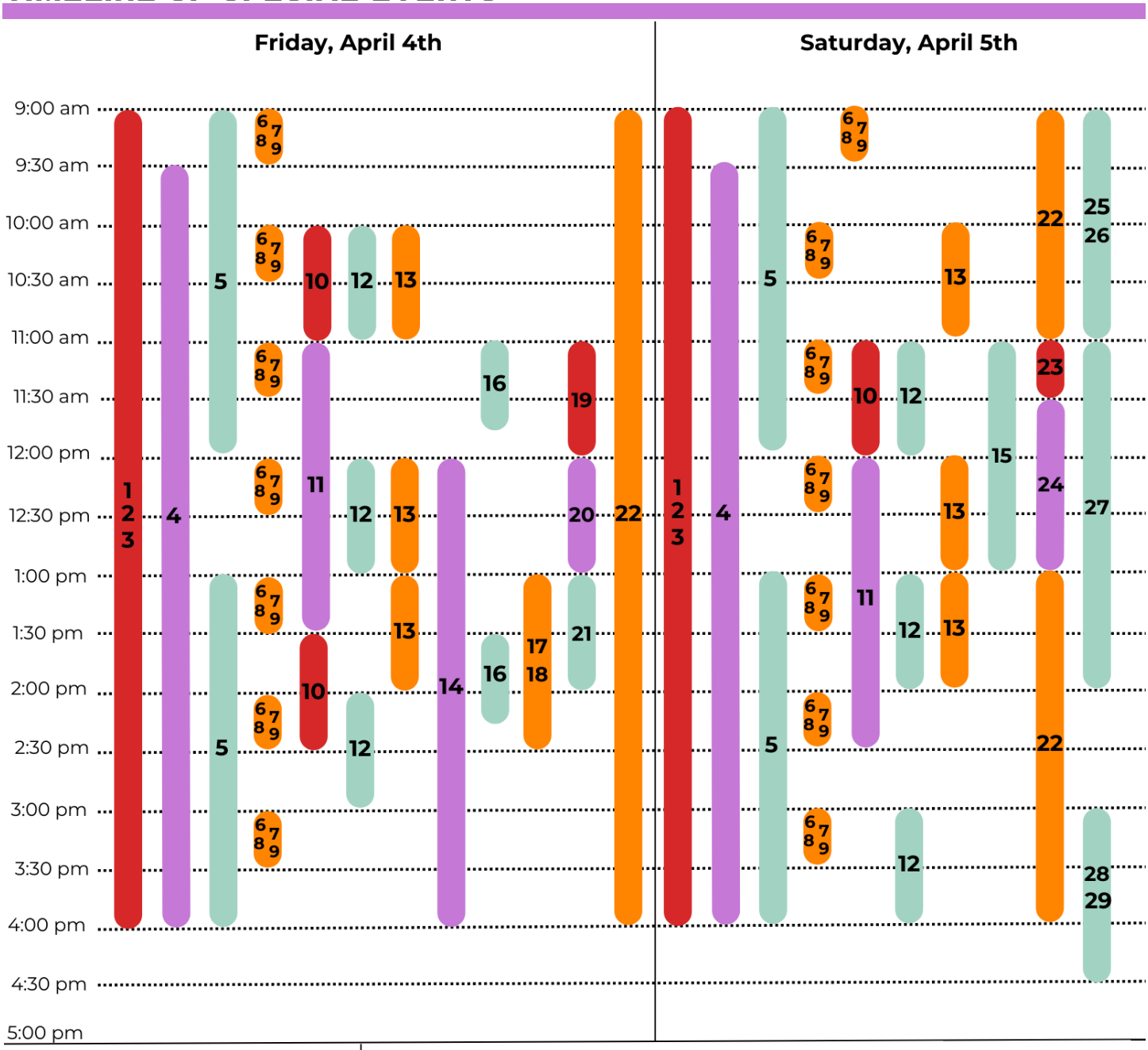
The shuttle will run from 8:00 am to 5:30 pm Friday and Saturday. Shuttle stops will be:

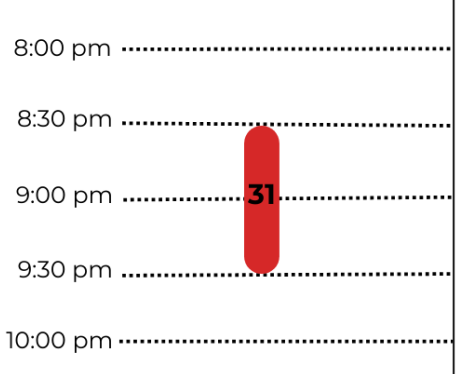
- Lot E-14,
- S 6th St (close to South Quad)
- Everitt Laboratory
- Campus Instructional Facility (CIF)
- Electrical and Computer Engineering (ECEB)
- Lot B-22

and then will return to E-14 and repeat.


Shuttle Route
EOH 2025
Lot B-22
ECEB
CIF
Everitt
South Quad
Lot E-14
SS
E University Ave
E White St
E Stoughton St
E Springfield Ave
E Healey St
E Green St
CAMPUSTOWN
E John St
E Daniel St
E Chalmers St
E Armory Ave
E Gregory Dr
W Gregory Dr
W Illinois St
W Oregon St
W Green St
E Pennsylvania Ave
W Pennsylvania Ave
W College Ct
W Kirby Ave
Irwin Dr
Stadium Dr
S Neil St
S 1st St
S 2nd St
S 3rd St
S 4th St
S 5th St
S 6th St
S Locust St
S Oak St
S Mathews Ave
S Dorner Dr
N Lincoln Ave
S Lincoln Ave
Euclid St
MIDTOWN
CAMPUSTOWN

TIMELINE OF SPECIAL EVENTS





1. Build-a-Blinkie
2. Car Teams Demo
3. LabEscape (by appointment only)
4. Interactive Lego Design
5. Robobrawl
6. Horizon Blaze
7. Keeping Our Rivers Green
8. Murder Mystery with Tau Beta Pi
9. NovoPrint
10. I'm Admitted! Grainger Engineering Welcome: Student Panel
11. I'm Admitted! Grainger Engineering Welcome: College Resource Fair
12. Physics Van
13. ESTAR Tour
14. Illini Service Dogs: Pet a Pup!
15. Alumni Coffee Chats
16. Chai Town
17. Professor Panel
18. Expanding the Nuclear Workforce
19. CAD Workshop
20. Python Workshop
21. Web Design Workshop
22. Startup Showcase: Startups Available in CIF 1038
23. Startup Showcase: Keynote Speaker
24. Startup Showcase: Pitch Competition
25. IoT (Internet of Things) Lab Tour
26. The Wireless Lab Tour
27. Mom's Weekend Design Competition
28. Alumni Panel
29. Keynote Speaker
31. Tesla Coil Concert

Keynote Speaker
CIF Monumental Steps Saturday 3-4:30 pm
Dr. Anna Oldani is passionate about creating opportunities for students to develop, technology to advance, and communities to grow. Come to her keynote speech to learn more about her journey through academia here at the University of Illinois and her career path!

Tesla Coil
Bardeen Quad Friday 8:30-9:30 pm
Just as dark falls, visit the Bardeen Quad to see an electrifying display of light and sound.

Alumni Coffee Chats
CIF 2036 Saturday 11 am-1 pm
Students can get to know alumni in a more personal setting! This is a great opportunity to ask alums about their time at the U of I, the industries they work in, and how students can plan their lives after college.

Alumni Panel
CIF 2036 Saturday 3-4:30 pm
Come learn about different careers and projects from UIUC alumni!

Build-a-Blinkie
CIF 0035 Friday and Saturday 9 am-4 pm
Build-a-Blinkie is an organization dedicated to the teaching of STEM. We are teaching people to solder one blinkie at a time. Come check out this interactive activity and take home your own soldered blinkie!

Car Teams Demo
Grainger Loading Dock, Mathews Avenue Friday and Saturday 9 am-4 pm
This EOH showcase track is for vehicles built and designed by engineering student teams for collegiate competitions. This is a great opportunity for action pictures and for the public to talk to team members.

Chai Town
Graziano Plaza Friday 11-11:45 am, 1:30-2:15 pm
Come listen to UIUC's famous South Asian acapella group!

ESTAR Tour
ESTAR Booth outside CIF Friday and Saturday 10-11 am, 12-1 pm, 1-2 pm
Come learn more about the Grainger College of Engineering with a tour from ESTAR!

Expanding the Nuclear Workforce
CIF 4025 Friday 1–2:30 pm
Featuring experts in nuclear energy and workforce development, this event aims to engage and inspire students, faculty, and visitors to explore opportunities in the nuclear industry, a critical field for clean energy advancement. Come listen to a discussion between our amazing panelists and pose your own questions!

Face Painting
Graziano Plaza Friday 10 am-3 pm, Saturday 10 am-1 pm
Make your imagination reality just like our exhibitors by visiting our face painting booth!

Horizon Blaze
Boneyard Creek Friday and Saturday 9 am, 10 am, 11 am, 12 pm, 1 pm, 2 pm, 3 pm (30 minutes long)
Watch two rockets race between the bridges every hour! We designed and built 2 model rockets, and will race them between the bridges while teaching about the processes used to build rockets and the motors that power them.

I'm Admitted! Grainger Engineering Welcome
Student Panel: CIF 3018 Friday, CIF 4025 Saturday Friday 10-11 am, 2-3 pm, Saturday 11 am-12 pm
College Resource Fair: CIF Monumental Steps Friday 11 am-2 pm, Saturday 12-2 pm
Congratulations admitted new first-year and transfer engineering students! Start your Engineering Open House visit at the Campus Instructional Facility (CIF) Monumental Steps to receive a limited-edition gift while supplies last. Then join us for a Student Panel to meet a Dean and connect with current students. Stop by the College Resource Fair to learn about future opportunities and take a fun, commemorative photo!

Interactive Lego Design
CIF 2039 Friday and Saturday 9:30 am-4 pm
The Lego Design Lab is a place designed for students of all ages to engage in interactive lego building and coding. There will be 3 stations: Robot Maze, Machine Building, and Spider Obstacles.

Illini Service Dogs Outreach: Pet a Pup!
Loomis 147 Friday 12-4 pm
Come learn about Illini Service Dogs and their organization's mission while interacting with their dogs!

SPECIAL EVENTS CONT

IoT (Internet of Things) Lab Tour
iSENS Lab, Siebel School of Computing and Data Science Room 1109 Saturday 9-11 am
Lab Tour of IoT lab.

Keeping Our Rivers Green
Boneyard Creek, Bardeen Quad Friday and Saturday: 9 am, 10 am, 11 am, 12 pm, 1 pm, 2 pm, 3 pm
To keep our rivers green, we will be dyeing them green! We will inject a small amount of dye in our Boneyard Creek to learn how pollutants travel in rivers. With this knowledge we can avoid the risks that pollution brings to our rivers.

LabEscape
DCL 1262 Scan the QR code on the right to view times and sign up!
The situation is dire as a deadly asteroid hurtles towards Earth and a complete extinction event. Only a cool head, quick wits and quantum technology can save us-- the fate and security of the entire world are in your hands. You'll have to search the lab, solve mind-blowing puzzles to reveal clues, and hopefully find a way to complete your mission!
Reservations required: labescape.org/EOH2025

Mom's Weekend Design Competition
Loomis 136 Saturday 11 am-2 pm
Stop by with your mom or friends and compete in our design competition! Spend as long as you would like and show off your engineering intuition.

Murder Mystery with Tau Beta Pi
Sidney Lu MEB Rm 1043 Friday and Saturday at 9 am, 10 am, 11 am, 12 pm, 1 pm, 2 pm, 3 pm, 30 minutes each
Be a detective and help us find the murderer! Discover how engineering skills can help solve this mystery.

NovoPrint: Multi-Extruder Robotic Printing Arm
Sidney Lu MEB Atrium (Rm 1100) Friday and Saturday, shows at 9 am, 10 am, 11 am, 12 pm, 1 pm, 2 pm, 3 pm
An exhilarating, futuristic spectacle that combines robotics and 3D printing to produce real-life CAD models!

Physics Van
Loomis Laboratory 141 Shows on Friday 10 am, 12 pm, 2 pm, Saturday 11 am, 1 pm, 3 pm (1 hour long)
A live show for all ages, turning bananas into hammers, creating explosions, and more! Come to our shows at 11 am and 1 pm on Saturday for a special edition in honor of our anniversary!

Professor Panel
CIF 2018 Friday and Saturday, 1-2:30 pm
The professor panel is an opportunity for current and prospective students to ask professors about their fields, how to get involved with research, and pursuing academia/graduate school.

Robobrawl
Between Lot B1 and Transportation Building Friday and Saturday, 9 am-12 pm, 1-4 pm
Robobrawl returns for its tenth anniversary! The Robobrawl competition consists of 30lb and 1lb combat robots from different universities and hobbyist teams fighting one-on-one matches. Let's rumble, robots!

Startup Showcase
Keynote Speaker: CIF Monumental Steps Saturday 11 am-11:30 pm
Pitch Competition: CIF Monumental Steps Saturday 11:30 am-1 pm
The Startup Showcase is dedicated to celebrating student entrepreneurs! Come see what our inventive Illinois students have been working on at their booths (available in TEC Office, CIF 1038, 9 am-4 pm excluding keynote speaker and pitch competition) and experience demos, giveaways, and much more!

The Wireless Lab Tour
iSENS Lab, Siebel School of Computing and Data Science Room 3109 Saturday 9-11 am
Visitors will be given the opportunity to try VR demos the lab has created and learn about radar and the kind of experiments that happen in the lab.

Workshops in Python, CAD, and Web Design
CAD: Engineering Hall 406B1 & 110A Friday 11 am-12 pm
Python: Engineering Hall 406B1 & 110A Friday 12-1 pm
Web Design: Engineering Hall 406B1 & 110A Friday 1-2 pm
Join us for a workshops in Python, CAD, and Web Design at the Engineering Hall computer lab.

DIRECTOR'S NOTE

Welcome to the 103rd Engineering Open House (EOH) at the University of Illinois Urbana-Champaign! We are so excited to welcome university students, faculty, community members, and field trips to campus. EOH is the nation's largest student-run STEM (Science, Technology, Engineering, and Math) fair, where participants have the opportunity to showcase independent engineering projects and innovations unseen by the scientific community.

The theme of this year's event is **The Age of Innovation**. It is our hope that EOH visitors will foster new curiosity in STEM and learn more about how students at the Grainger College of Engineering are at the forefront of innovation and scientific excellence.
EOH 2025 features over 200 exhibits, including 10 student startups, and 14 special events such as rocket launches, student-engineered cars, and escape rooms. Each exhibit at EOH has been many months in the making, and the majority of projects are entirely student-led. EOH features work from every engineering discipline, celebrating not only current technologies but ushering in a new **Age of Innovation**.

This year, EOH has the special opportunity to be a part of the festivities of Mom's Weekend. We would like to give all Grainger Engineering Moms a warm welcome, and invite you to explore the unique features of EOH that have been organized in celebration.

EOH would not be possible without exhibitors, volunteers, corporate sponsors, judges, alumni, faculty, staff, and Grainger administration. We thank you for your dedication, hard work, creativity, and resilience in the face of challenges. Our largest thank you goes to the EOH Central Committee, composed of 29 directors all responsible for a unique aspect of EOH. EOH is an entirely student-led event, and planning has been in full force for almost an entire calendar year. We rely on the Central Committee to plan EOH on top of being full-time students — an immense responsibility that we would like to express our deepest gratitude for.

We thank every single person for being a part of EOH and celebrating what it means to be a Grainger Engineer. We hope that you explore engineering and appreciate the new **Age of Innovation** that is happening right here at the University of Illinois.

Alicia Kim & Alyssa Huang
Co-Directors, Engineering Open House 2025

EXHIBITS INDEX

EXHIBITS INDEX CONT

American Institute of Aeronautics and Astronautics
AIAA
Planes
Future-Oriented
Kid-Friendly
AIAA is an Aerospace professional organization that sponsors 4 exciting projects: drones, electric planes, jet engine experiments, and a simulated Mars mission!

Astronaut Tasks
Illinois Space Society
Outer-Space
Research
Physics
Come try how it feels to use astronaut gloves! Feel the difference between simple daily tasks on Earth and those same tasks being done in a spacesuit. Learn why developing technology for astronauts is so important and why many new materials are developed in space.

The Beast
American Society of Mechanical Engineers Special Projects
Mechanics
Construction
Physics
Experience the mechanics of motion! Come see a large, man-powered walking linkage machine and learn about the fascinating engineering behind linkages and dynamic movement.

Bike-pump-fed Rocket Engine Injection System
Liquid Rocketry at Illinois
Outer-Space
Mechanics
Physics
Join us as we explore some of the fundamental concepts that enable humans to reach space and win exciting prizes

Biodiesel for the Future
Illinois Biodiesel Initiative
Bio-Fuel
Sustainable
Chemistry
Biodiesel for a renewable future!

The Chemistry of Slime
Alpha Chi Sigma
Chemistry
Kid-Friendly
Art & Design
You already know that slime is super fun to play with. But what makes it act the way it does? And how can there be so many different types? Experiment with the makeup of all sorts of slime (or even try making your own) and learn a little bit about chemistry along the way!

Ctrl-Z Robotics
Champaign-Urbana Community/ FIRST Robotics
Robotics
Programming
Kid-Friendly
Come visit Ctrl-Z FIRST Robotics Competition Team! Winners of the 2023 World Championship, we are a community team of high school students in Champaign County that builds robots that compete with teams from around the world.

Fountain Wars
American Society of Agricultural and Biological Engineers
Agriculture
Environment
Water

Freedom Machine: Adaptive Gravel E-Trike
American Society of Mechanical Engineers (American Society of Mechanical Engineers)
Design Team
Mechanics
Future-Oriented
Our adjustable trike takes the idea of a normal trike and makes it custom to anyone on the market looking to take a stroll in nature. Having an adjustable seat bucket, back plate, and foot plate accommodates anyone, especially our clients who have limited mobility below the waist. Our motorized hitch simplifies loading and unloading an e-trike, making the process effortless and fully independent. This practical solution empowers individuals with mobility challenges to explore and enjoy greater freedom. Come see our product live in action through a fun obstacle course!

Healing Wounds with Adhesive Hydrogels
Wang Lab
Healing wounds with gelatin.
Biology
Chemistry
Health & Medicine

Horizon Blaze
Illinois Space Society
Watch two rockets race between the bridges every hour! We designed and built 2 model rockets, and will race them between the bridges while teaching about the processes used to build rockets and the motors that power them.
Robotics
Mechanics
Future-Oriented

HuLC Smash
Illinois Space Society
Frozen flowers?! Come see flowers frozen in liquid nitrogen while learning about the uses of liquid nitrogen in cryogenic technology today. We will demonstrate how we are using cryogenic technology to compete in a competition to develop new systems for NASA and how that can be a really interesting field for students interested in both space and chemistry.
Food
Future-Oriented
Chemistry

Illinois Robotics in Space Outreach
Illinois Robotics in Space
A fun and interactive activity to learn about lunar construction and robotics!
Robotics
Outer-Space
Construction

Keeping Our Rivers Green
International Water Resources Association
To keep our rivers green, we will be dyeing them green! We will inject a small amount of dye in our Boneyard Creek to learn how pollutants travel in rivers. With this knowledge we can avoid the risks that pollution brings to our rivers.
Environment
Water
Chemistry

Pasta Rocket
Illinois Space Society
Burning a pasta noodle?! Come watch us demonstrate a hybrid engine as we burn a mixture of yeast and peroxide in a typical pasta noodle. We will show our testing methods and teach about why hybrid engines are used in modern rocketry.
Chemistry
Combustable
Physics

Scaled Down X-Ray Machine
Biomedical Engineering Society (BMES)
Homemade X-Ray Machine!
Health & Medicine
Electronics
Biology

The Science of Cotton Candy
Material Advantage
You've seen it at fairs, carnivals, and more, but what exactly is cotton candy, and how is it made? Stop by our booth to watch cotton candy being spun, learn how it's similar to fiber glass, and even take some cotton candy home for yourself!
Food
Chemistry
Kid-Friendly

Self Regulating Python Enclosure
Individual
A vivarium that is always the perfect conditions for a snake. Watch as our enclosure automatically takes care of an 8 foot reticulated python!
Biology
Electronics
Kid-Friendly

Stomp Rockets!! ft.Women in Aerospace
Women in Aerospace
Blast off with Women in Aerospace! Join us at the Women in Aerospace booth and launch your imagination sky-high! Design and build your very own paper rocket, then feel the thrill as you stomp on the foot pump and send it soaring into the air. Discover the science behind flight and celebrate the amazing contributions of women in aerospace engineering and exploration.
Outer-Space
Design Team
Mechanics

Triangle Arcade Machine
TRIANGLE
Come play retro arcade games with your friends and family!
Kid-Friendly
Art & Design
Electronics

BARDEEN QUAD CONT

UIUC Precious Plastic
Maker Network
Turning plastic waste into 3D printing filament

Sustainable
Mechanics
Environment

COORDINATED SCIENCE LABORATORY (CSL) STUDIO

Center for Autonomy Robotics Showcase
Coordinated Science Laboratory (CSL Studio)
Center for Autonomy Showcase: Our research focuses on designing innovative robots and drones that can function autonomously and interact with humans in a safe and reliable ways. Come and see the things they can do.

Robotics
Future-Oriented
Research

DIGITAL COMPUTER LABORATORY (DCL)

“Drone” Hunt: Obstacle Avoidance
Acxis Lab
Have you ever wished to knock a drone out of the sky? Say no more, and step on down to “Drone” Hunt: Obstacle Avoidance!! We encourage you to try and knock down our drone, designed and built to avoid moving obstacles and projectiles. In this game, you get three tries to throw a stuffed animal from 10-15 feet away and hit our drone! With use of robotic perception, trajectory generation techniques, and quick drone control, we developed a fun arcade game where YOU can try to defeat our drone, and if you win, you may walk home with your own stuffed animal!

Robotics
Smart Technology
Programming

LabEscape
LabEscape
The situation is dire as a deadly asteroid hurtles towards earth and a complete extinction event. Only a cool head, quick wits and quantum technology can save us -- the fate and security of the entire world are in your hands. You’ll have to search the lab, solve mind-blowing puzzles to reveal clues, and hopefully find a way to complete your mission! Reservations required: labescape.org/EOH2025 (QR code in Special Events section)

Kid-Friendly
Programming
Research

Pilot Your Drone: Air Traffic Adventureland
Transportation and Development Institute (T&DI)
Take control of your drone, navigate dynamic airways, and discover the secrets of air traffic flow optimization in this thrilling, hands-on board game adventure. Can you pilot your way to success without a crash?

Smart Technology
Future-Oriented
Planes

3D Printed FPV Drone
American Society of Mechanical Engineers
Designed and hand-built by students, this 3D-printed FPV drone carries payloads and navigates courses.

Design Team
Planes
Future-Oriented

ELECTRICAL AND COMPUTER ENGINEERING BUILDING (ECEB) EXHIBITS

Atalanta: The Space Argonaut
Women in Electrical and Computer Engineering
Exploring the Unknown, Six Steps at a Time

Robotics
Outer-Space
Programming

DIY Musical Instruments
Society for Engineering Mechanics
Explore two innovative instruments that let you create music through motion and technology! Move your hand to generate unique melodies with an ultrasonic sensor, or scan barcodes to unlock a symphony of sounds. Engage, play, and experience music in a whole new way!

Electronics
Music
Programming

ECESAC
ECESAC
ECESAC presents an exciting booth featuring a racetrack and a booth for questions!

Electronics
Kid-Friendly
Good for older students

Ghost Electric Motorcycles
Ghost Electric Motorcycles
Riding into the future, powered by innovation. Discover the cutting-edge of electric vehicles with Ghost Electric Motorcycles, a student-led organization from the University of Illinois. Learn about our journey of engineering and sustainable design as we build a high-performance electric motorcycle, competing at AHRMA race events. Explore how we're redefining the thrill of riding, one electric revolution at a time!

Cars
Sustainable
Mechanics

Gotham City Pinball
Lego Masters at UIUC
Gotham City Pinball: Build Beyond Limits. Challenge your perception of LEGO with Gotham City Pinball, an extraordinary Batman-themed pinball machine made entirely with LEGO Technic. This exhibit combines technical mastery with creative flair, showcasing flippers, a plunger, ramps, and motorized obstacles in a functional design. Alongside the machine, discover how LEGO Technic drives real-world innovations such as life-sized cars and prosthetics, proving its practicality and versatility. With engaging visuals and a breakdown of each mechanism, Gotham City Pinball invites you to explore the endless possibilities of engineering and creativity.

Kid-Friendly
Mechanics
Art & Design

Illini RoboMaster
Illini RoboMaster
Robots in Action: Precision, Power, and the Future of Engineering!

Robotics
Mechanics
Electronics

Illini Solar Car (Static)
Illini Solar Car
Illini Solar Car presents our second and third generation solar-electric vehicles. Both of these cars have driven thousands of miles across the United States on solar power alone.

Sustainable
Cars
Design Team

Illini VEX Robotics
Illini VEX Robotics
Experience a thrilling showdown of cutting-edge tech at our 12 ft by 12 ft indoor robot challenge field! Visitors can grab a controller and guide real robots through ramps, cones, and other obstacles in a timed or scored adventure. Explore the engineering behind these machines and dive into our organization's broader educational mission. With interactive demos and exciting competition, this exhibit promises to spark curiosity and inspire the next generation of STEM enthusiasts.

Robotics
Kid-Friendly
Mechanics

Illini VEX Robotics R&D
Illini VEX Robotics
Illini Vex Robotics' R&D team has been designing and developing omni-wheel driven robots in cooperation with Prismier Manufacturing which can move in any direction, controlled remotely or autonomously!

Robotics
Design Team
Electronics

Illini VEX Robotics Software R&D
Illini VEX Robotics
Smart Sampling for Smarter AI: Efficiently Mastering Atari with Multi-Task Training
Programming
Research
Robotics

Information Trust Institute (ITI)
Information Trust Institute (ITI)
Securing the Future: Cyber Defense for Critical Infrastructures.
Kid-Friendly
Programming
Electronics

InSPIRE (Institute of Scientific Progress, Innovation, Research and Edu-training)
INSPIRE
Discover the power of the sun with our dual-axis solar tracker and solar-powered drone—innovative solutions for a sustainable future!
Electronics
Sustainable
Robotics

ISSA - Semiconductor Processing Game
ISSA
Learn about Integrated Circuit fabrication by playing this game as a scientist in the UIUC NanoFab Lab!
Electronics
Programming
Physics

Marionette
Individual
Try to beat our self-driving remote-control cars around a mini race track and learn how we made them!
Robotics
Electronics
Cars

Physics Outreach and Instruction through New Technologies (POINT) VR
Illinois Center for Advanced Studies of the Universe
Step into Albert Einstein's shoes and discover general relativity through our immersive virtual reality exhibit, created by UIUC physicists. Explore how gravity shapes space and time in a visually stunning and interactive experience. *Using virtual reality headsets leads to a 1/4000 risk of seizures due to flashing lights. Users will be warned before use that they should not participate if they have any history of epilepsy or seizures. There is also a risk of walking into objects that the user cannot see, but this risk will be mitigated by having safe, designated play zones that are free of objects and trained volunteers available to assist participants in the headsets.*
Physics
Outer-Space
Smart Technology

Power and Energy Group
ECE Power and Energy Group
Come and learn about topics related to power and energy through fun and interactive exhibits including a levitating frying pan and an electromagnetic ring cannon.
Electronics
Physics
Sustainable

SIGRobotics
Association for Computing and Machinery (ACM @ UIUC)
SIGRobotics is a project and research focused robotics club here at UIUC. In just the last year, we've built a miniature humanoid, several 3D printed robotic arms, and a mobile manipulator (think roomba with an arm on it). Come see what the future looks like!
Robotics
Future-Oriented
Programming

Smart Bird Feeder
Professor Kindratenko
Tailored Treats for Every Tweet - as birds land at our feeder, our weight sensor and video livestream feeds data to machine learning algorithms, seamlessly identifying the birds as they come and releasing the appropriate food for each bird.
Smart Technology
Environment
Programming

Society of Hispanic Professional Engineers (SHPE)
Society of Hispanics Professional Engineers (SHPE)
Robotic Hand: Bridging Communication-Type a letter, spark a conversation—watch our robotic hand bring language to life! AI Lotería Machine: Challenge the Mind-Are you lucky enough to beat the machine?
Robotics
Smart Technology
Electronics

Adaptive Walker for Parkinson's Patients
Illini MediMech
Try our adaptive walker featuring an innovative button-activated brake, designed to help Parkinson's patients regain control and confidence.

Health & Medicine
Design Team
Smart Technology

Bionic Arm
Tau Beta Pi
The future of motion.

Robot
ics
Prosthetics
Electronics

Breathable Wrist Brace for Carpal Tunnel Syndrome
Biomedical Engineering Society
Brace yourself for an accessible future! A comfortable and stylish medical device with sensing functionality.

Design Team
Health & Medicine
Kid-Friendly

Build a Mars Habitat
Illinois Space Society
Build a home on humanity's next frontier! Come to our exhibit to learn about the science behind life on Mars, hear what NASA's next plans are, and build your own future house on the red planet. Exercise your creative side and build a physical model that can be your future place of living when we reach Mars!

Outer-Space
Mechanics
Physics

Care for the Air
AAAR@UIUC
We will show air pollution research in an accessible way. Visitors could see the mini smog in a jar, air quality sensor, and way to "catch" them.

Environment
Kid-Friendly
Sustainable

Chemical Engineering: Flames and Flows
Chemical and Biomolecular Engineering Graduate Student Advisory Council
Come to see how Chemical Engineering intersects with flames and flows.

Chemistry
Molecular Scale
Kid-Friendly

Chemistry Through Time
Reaching & Educating America's Chemists of Tomorrow (REACT)
Dive into the wonders of chemistry through time with REACT! With the opportunity to make ancient pigment art, reveal secret messages with invisible ink, or mold biodegradable plastic, each station will spark your curiosity with hands-on experiments that show how chemistry has shaped the past, present, and future. Join us on this journey through time and science!

Chemistry
Kid-Friendly
Future-Oriented

Continuous ECG Monitoring Systems
I-MADE
Investigating how to make ECG monitoring more cost effective to detect heart attacks and chronic disease progression.

Health & Medicine
Electronics
Smart Technology

Design Your Cure
Association of the Liberal Arts and Sciences
Deisgn Your Cure is an engaging and educational activity that allows participants to experience how AI is revolutionizing drug development. The exhibit begins with an introduction to a specific "disease" and its biological cause, such as an overactive enzyme. Participants view an animated 3D representation of the target protein, the molecule that the drug needs to interact with, learn about its structure and function. and are tasked with designing a drug to block this enzyme and stop the disease. Participants will test their creation by submitting it to the AI system.

Biology
Chemistry
Data Science

Designing for Accessibility with MedLaunch UIUC
MedLaunch UIUC
Explore the exciting projects we have been working on all year long to make our community a more accessible place! While you're at it, experience the human-centered design process for yourself and understand its importance in engineering solutions!

Health & Medicine
Design Team
Art & Design

Ergonomic Syringe Administration Project
Biomedical Engineering Society
Assistive Device Aiding in Self-Administration of Medications for Disabled Individuals

Health & Medicine
Design Team
Robotics

FormFit: Wearable Motion Sensor for Sports Injury Prevention
Biomedical Engineering Society
Discover how wearable technology is revolutionizing injury prevention! Try on our motion sensor prototype, see real-time feedback on a monitor, and learn how it tracks movements to identify risks and promote safe, healthy activity. Visit our booth for an interactive look at how engineering is keeping people moving safely!

Health & Medicine
Electronics
Smart Technology

Hands-On Healthcare: Creating Personalized Fluidic Devices with 3D Printing
Leggett Lab at Illinois
Discover the future of healthcare at our interactive booth, where students can create their own microfluidic devices for personalized medicine using 3D-printed components

Health & Medicine
Biology
Mechanics

Hydrogels in Healthcare
Biomedical Engineering Society
Hydrogels are a material of interest in healthcare for many reasons, one of which is that they can regulate many important factors in the healing of chronic wounds. Swing by our exhibit to see our take on this field of research, build your own hydrogel, and test how hydrogels can absorb up to 800 times their weight in water!

Health & Medicine
Chemistry
Sustainable

Intragastric Balloon Therapy
I-MADE
Obesity affects millions globally, yet affordable, effective solutions remain scarce. Our innovative approach uses cost-effective intragastric balloons to reduce treatment costs from $1500 to just $10. Leveraging their sterility, elasticity, and biocompatibility, we introduce a novel sealing mechanism to ensure safety and efficacy. This breakthrough makes minimally invasive weight-loss therapy accessible to underserved populations, paving the way for a healthier, more equitable future.

Health & Medicine
Biology
Smart Technology

Jump Simulation Urbana (closed 12-1 Friday and Saturday)
Carle Illinois College of Medicine
Jump Simulation Urbana is the state of art medical simulation program for Carle Illinois College of Medicine . Within this center simulation training is revolutionizing medical education. Enhancing technical skills in a low-risk environment with virtual reality, manikins, and more, it's as close to reality as possible without affecting a human's health and safety while a student learns.

Health & Medicine
Future-Oriented
Good for older students

Mighty Mouse
Robotics
Programming
Electronics

The Mighty Mouse is here to solve any and every puzzle! Watch our wheeled robot navigate to the center of a randomized 16x16 maze.

Motion Controlled Fruit-Ninja
Kid-Friendly
Smart Technology
Programming

Association of Computing Machinery (ACM) Special Interest Group for Human-Computer Interaction (SIGCHI)
Slice, Dice and Score!

Motor Testing Technology
Mechanics
Electronics
Physics

Illinois Space Society
Can you provide more power than a rocket motor? Testing a rocket motor requires a lot of detailed technology. Come try out that technology for yourself using our testing stand that can handle loads up to 400N of force!

Neuro Drive
Electronics
Data Science
Biology

KSEA
Control a car with your thoughts! Experience the future of human-machine interaction! Using a custom-designed EEG headset and machine learning, this exhibit lets you control an RC car using just your brainwaves. Witness how focus and relaxation can drive technology forward—literally. Dive into the fascinating world where neuroscience meets robotics!

Neurogame
Electronics
Programming
Biology

Biomedical Engineering Society
Jump into the Game with Your Mind! Control a game using just your eye blinks through cutting-edge brain-computer interface technology!

NeuroTechX@UIUC
NeuroTechX@UIUC
Mind Meets Machine: Watch as we turn brain and muscle signals into live control of remote devices. See raw EEG signals transformed through denoising and filtering, powering games like Flappy Bird. Experience the future of tech-driven by the human body—right before your eyes!

Research
Prosthetics
Smart Technology

Plastic Straw Tower Challenge
Engineering Outreach Society
Elevate Your Game: The Straw Tower Test!

Kid-Friendly
Construction
Art & Design

Robotic Shoulder Joint
Biomedical Engineering Society
Interact with our anatomy and watch how we move our shoulders everyday!

Biology
Electronics
Robotics

Sakura MedTech
Sakura Med
Our device is a self-insertable, reusable, tampon-shaped imaging tool with a disposable casing that eliminates the need for a speculum, significantly reducing patient discomfort and anxiety. The software allows for on-the-spot visualization and diagnostics using computer vision while maintaining the option for cell collection, helping physicians provide immediate results while improving patient retention and comfort.

Health & Medicine
Research
Future-Oriented

The Security Drone
AE483 class final project
Detect, Deter, Defend. Our innovative program uses a camera to identify intruders entering a home, apartment, or building. Upon detection, a drone takes flight and emits a loud beep to deter the intruder and alert residents or nearby individuals.

Programming
Mechanics
Future-Oriented

EVERITT LABORATORY CONT

THUNDERSCI
Centennial High School Community of Science-Oriented Students
K-12 Students / Teachers / Parents or who are seeking for some fun introductory STEM activities

Biology
DNA
Electronics

Urinalysis
I-MADE
Home-based Testing System for Geriatric Patients

Health & Medicine
Biology
Electronics

Women's Reproductive Health Hormone Sensor
Biomedical Engineering Society
Invisible Signals, Visible Impact: Unveiling Hormones with Technology! The hormone sensor is a convenient device which combines the technology of glucometers and pregnancy tests to provide an easy at-home test for women's reproductive hormones. It is non-invasive, easy to use, and provides important insights into the hormone cycles, becoming especially useful for monitoring conditions like perimenopause, PCOS/PCOD, and pregnancy. It also allows doctors to analyze these trends and treat/diagnose the women accordingly.

Health & Medicine
Biology
Electronics

GRAINGER LOADING DOCK

Illini Electric Motorsports
Illini Electric Motorsports
Illini Electric Motorsports is a student team at the University of Illinois at Urbana-Champaign that designs, fabricates, and races, an all electric formula-style race car.

Cars
Environment
Sustainable

Illini Pullers (Quarter Scale Tractor Pull Team)
Illini Pullers
We've all heard of memes, but what about MEMS? Micro-Electromechanical Systems (MEMS) are abundant in everyday life so come by to learn how they work and where they're found!

Design Team
Agriculture
Cars

Illini Solar Car (Dynamic)
Illini Solar Car
Illini Solar Car presents our second and third generation solar-electric vehicles. Both of these cars have driven thousands of miles across the United States on solar power alone.

Sustainable
Cars
Design Team

Off-Road Illini (Baja)
Baja SAE
A powerhouse team of engineers from diverse disciplines, pushing the limits of design and innovation to dominate off-road races across the US every year!

Cars
Design Team
Mechanics

HOLONYAK MICRO & NANOTECHNOLOGY LABORATORY (HMNTL)

Bionanotechnology Lab
HMNTL
Step into the fascinating world of science and discover the secrets of DNA and viruses—unravel the mysteries of life and explore the tiny agents that shape our world in ways you never imagined!

Biology
DNA
Kid-Friendly

Exploration into the Microscale
Illinois Microtech
Ever wonder how micromachines shape our everyday world? Join us for an up-close look at how these tiny marvels are made and tested, revealing the magic behind microengineering. Experience for yourself how small innovations can have a huge impact!

Mechanics
Electronics
Research

Holonyak Micro Nano Technology Lab
HMNTL
Electronics
Research
Smart Technology

The Holonyak Micro and Nano Technology Laboratory exhibit demonstrates how the power of the sun can be used to make patterns on special paper. Similar techniques are used to make patterns on harder materials using UV light and photosensitive chemicals called photoresist. These patterned materials form the building blocks of everyday electronics including LEDs, solar cells, computers, and cell phones. Because these devices are at the micro or even the nanometer scale, they must be made in special environments called cleanrooms that control temperature, humidity, light, room pressure, and particles. Special clothing is also required to work in cleanrooms including hoods, suits, boots, and gloves that protect these delicate structures from the particles we generate just by moving. We will have demonstrations of sun/UV light patterning on paper, posters showing microfabrication processing, and students working in the ECE 444 cleanroom laboratory located on the second floor of HMNTL.

Learn about Light with iOptics
iOptics
Physics
Good for older students
Kid-Friendly

Discover amazing properties of light and matter, from polarization and diffraction to fluorescence and chirality with a variety of demos assembled by iOptics!

HYDROSYSTEMS LABORATORY

Fluidized Sand
International Water Resources Association
Water
Geology

We can walk on sand, but we can't walk on water. Sand is a solid then, right? Engineers think that way, since they put our buildings on top of it. However, in some weird cases, sand can behave like a fluid, bringing destruction to all kinds of things engineers build.

Hazards of Modern Spillways
International Water Resources Association
Water
Construction
Environment

Spillways are an essential part of dams. During big storm events, they move enormous amounts of water over dams in a controlled way. But these structures, created to keep us safe, can sometimes become dangerous. Do you know why?

Hydrology Sandbox
International Water Resources Association
Water
Weather

The exhibit will take place in the Ven Te Chow Hydrosystems Lab. The setup consists of a sandbox and a system of water spraying. This exhibit uses water. Caution tape will separate the areas of safe circulation. Tripping and slipping hazards will be minimized.

Little Big River
International Water Resources Association
Water
Environment
Good for older students

Real rivers are mobile and wavy. Our unique meandering flume will allow you to explore the hydrodynamics of big rivers. We will find out why rivers meander and the impact of river bends on human activities, from how we navigate through them to how sedimentation and erosion affect our infrastructure.

Protecting Our Coasts from Waves
Civil and Environmental Engineering - Hydrosystem Lab
Water
Environment
Research

At beaches around the world, waves and sand are at constant battle. Sand stops the advance of waves, but waves take grains of sand back from the beach. In this exhibit, we see how eco-engineering can help us solve problems that come when we get ourselves mixed in this war.

HYDROSYSTEMS LABORATORY CONT

Sediment Flume
International Water Resources Association
The bed and banks of rivers are not fixed. Erosion and sedimentation processes are constantly changing their shape. They have impacts on natural processes and manmade structures. This small-scale model shows how these processes happen and allows us to see how structures interact with them.

Environment
Water
Sustainable

The Shape of Our Rivers and Coast
International Water Resources Association
We know the shape of the land tells water where it should go. But water also moves land around. This interaction forms the Earth's everchanging landscape. Our stream table shows how waves and rivers move through land and how they also can change the land.

Water
Environment
Physics

LOOMIS LABORATORY OF PHYSICS

Hybrid Quantum Architectures and Networks
HQAN/UW-Madison
The NSF QLCI Hybrid Quantum Architectures and Networks will tackle the challenge of scaling quantum processors by pursuing an alternative paradigm: distributed quantum processing and networks composed of a hybrid architecture.

Physics
Research
Future-Oriented

Illini Service Dogs Outreach - Pet a Pup
Illini Service Dogs
Come learn about Illini Service Dogs and their organization's mission while interacting with their dogs!

IQUIST
MRL
Visit the Future of Quantum Information Today.

Research
Physics
Future-Oriented

Physics Playground
Society for Women in Physics
Come see fun physics demonstrations! We will provide short explanations of the physics concepts behind each demonstration.

Physics
Kid-Friendly
Water

Physics Van
Physics Van
Come see Physics Van for their 30 year anniversary shows! We do cool things with liquid nitrogen, lasers, leaf blowers and more Come to our shows at 11 am and 1 pm on Saturday for a special edition in honor of our anniversary!

Physics
Kid-Friendly
Mechanics

Public Quantum Network
Lorenz Group
See the Future of the Internet Using Quantum Information

Physics
Future-Oriented
Research

Quantum Levitation and Wave Lab
Illinois Quantum Information Science and Technology Center (IQUIST)
Quantum Physics is all around us- you just have to know where to look! Come explore hands on activities on quantum levitation, superconductivity, and waves brough to you by the Illinois Quantum Information Science and Technology Center.

Physics
Chemistry
Future-Oriented

Society of Physics Students
Society of Physics Students
Witness the laws of physics in action! The Society of Physics Students is presenting many demonstrations designed to show you the power and wonder of physics!

Physics
Mechanics
Research

Exploring Conductivity with Color-Changing Paint — Electronics, Chemistry, Mechanics
MSE 183
Choose a material and test its conductivity! Will the paint change color?

Gecko Adhesives — Smart Technology, Sustainable, Future-Oriented
Material Advantage
Learn how biomimicry inspires strong, reusable adhesives that balance strength and versatility for practical applications!

Hot Ice — Chemistry, Molecular Scale, Kid-Friendly
MSE 183
Salt, sugar, and everything nice, crystals are everywhere, even HOT ice!

Levitating Superconductor — Future-Oriented, Cars, Physics
MSE 183
Trains of the future are here. Our exhibit is a superconductor “train”, powered by the piezoelectric properties of quartz, levitating over a magnetic track.

Molten Metallics — Chemistry, Electronics, Kid-Friendly
Material Advantage
Come see the fascinating properties of gallium and based alloys!

Oobleck! — Kid-Friendly, Chemistry, Physics
Keramos Honors Fraternity
Have you ever heard of liquid that turns solid when you punch it? Ever wondered why ketchup and honey flow faster when you squeeze them? Explore the world of Non-Newtonian fluids with Oobleck!

Polymers in Action: Make a Keychain — Art & Design, Chemistry, Kid-Friendly
Keramos Honors Fraternity
Come create your own custom keychains with Shrinky Dinks while discovering the fascinating science behind plastics. Learn how we can take the same plastic and manipulate it to have different properties.

Pykrete: Ice with the Strength of Steel — Environment, Sustainable, Construction
MSE 183
Learn how adding various aggregates to a material can drastically change and improve its mechanical and physical properties, turning weak and brittle ice into a formidable building material!

Shrinky Dinks Polymer Magic! — Mechanics, Kid-Friendly, Chemistry
MSE 183
Have you ever wondered why shrinky dink plastic gets smaller while most things expand when heat is added? Or have you ever wondered how things such as “flex” tape and self-healing tape work? Come to our exhibit where you get to see hands on how both things work! You also have the ability to design a shrinky drink and tape home and Illini keychain!

The Strongest Glass You’ve Ever Seen — Molecular Scale, Kid-Friendly, Mechanics
MSE 183
Strongest Glass You’ve Ever Seen!

Water You Afraid Of? — Kid-Friendly, Chemistry, Molecular Scale
Material Advantage
We’ve always learnt that water is shapeless, so how about we make shapes out of it today? Make your favorite 2-D shapes out of water and solve water droplet mazes while exploring and learning about an interesting property called hydrophobicity!

MECHANICAL ENGINEERING LABORATORY

Illinois Robotics in Space
Illinois Robotics in Space
Illinois Robotics in Space presents their drivable Lunar Rover! Navigate a lunar obstacle course and successfully complete tasks to beat the course.
Robotics
Outer-Space
Mechanics

Novel Mobile Robots Lab
Reserch lab in MechSE
See nimble robots walk, jump, and balance at the Novel Mobile Robots Lab (NMbL)!
Robotics
Research
Mechanics

The Department of Climate, Meteorology, and Atmospheric Science
The Department of Climate, Meteorology, and Atmospheric Science
Do you want to know how rainbows form? Do you want to make a cloud? Stop by the CliMAS Department exhibit for hands-on interactions with weather!
Weather
Environment
Kid-Friendly

NATIONAL CENTER FOR SUPERCOMPUTING APPLICATIONS (NCSA)

AI, Extreme Scale Computing and Scientific Visualization for Gravitational Wave Astrophysics (Friday only)
NCSA Gravity Group
Visit our exhibit and learn how students are developing world class artificial intelligence solutions to study the universe through the observation of gravitational waves produced by the collision of black holes. Play black hole ping pong and take a selfie where you see yourself embedded in a black hole. It will be an out of the world experience!!
Physics
Data Science
Kid-Friendly

Center for Digital Agriculture (Friday only)
Center for Digital Agriculture
Come explore how we are applying technology to agriculture to feed and support a growing global population.
Agriculture
Robotics
Programming

Cinematic Visualizations (Friday only)
NCSA Advanced Visualization Lab
Award-winning, cinematic-style visualizations of science data in our stereo theater.
Outer-Space
Molecular Scale
Weather

Genomics at NCSA (Friday only)
NCSA
Meet NCSA Genomics and learn about the future of computing!
Data Science
Programming
Research

Human Centered Design with Design for America (Friday only)
Design for America
Design for America (DFA) is a nationwide network of student-led studios focused on using Human-Centered Design (HCD) to address real-world social challenges. Come visit our exhibit to explore how following HCD principles allows for more interesting solutions to design problems! Using craft supplies, build a house that meets the needs of different animals!
Design Team
Art & Design
Kid-Friendly

Illinois Science Explorers (Friday only)
NCSA
Visit the Illinois Science Explorers table geared toward ages K-8 for an exciting, hands-on science experience! Play our Science Matching Game where you'll match scientific fields with their corresponding images—like pairing astronomy with a scientist using a telescope. It's a fun and interactive way to challenge your current science knowledge while learning about vastly different fields, ranging from sociology to microbiology. Stop by to try the game, learn more about what we do, and get inspired by the fascinating world of science!
Kid-Friendly

INTERACTIVE, INTERDISCIPLINARY SCIENCE

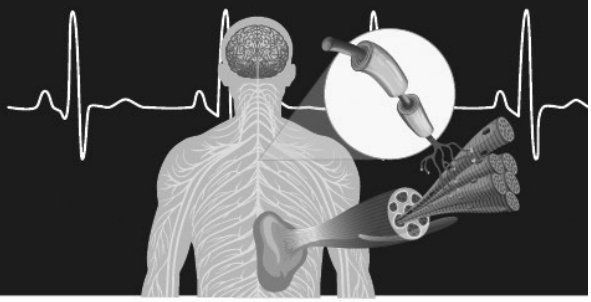
BECKMAN INSTITUTE

OPEN HOUSE

APRIL 5, 9 A.M. TO 4 P.M. &
APRIL 6, 9 A.M. TO 3 P.M.

UNLEASH THE POWER OF YOUR BRAIN

Levitate a ball with your brain, learn how your mind helps your muscles move, and watch your brain waves in action.

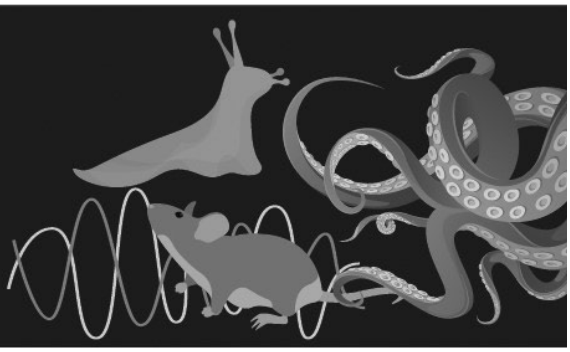


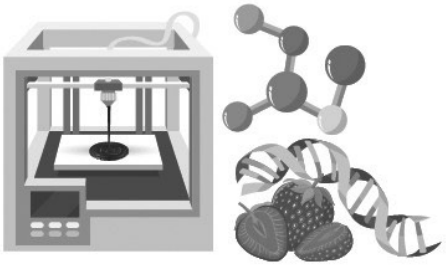
EXPERIENCE THE WORLD DIFFERENTLY

Look inside the body with medical imaging, enter the microscopic world of insects, and adventure through virtual reality.

TALK TO THE ANIMALS

Test your hearing against a rat's, learn about your brain from a slug, and cheer on the cyber-octopus as it tackles an obstacle course.





SEE SCIENCE EVERYWHERE

Extract DNA from a strawberry, build batteries with fruit, 3D-print with chocolate ink, and create a rainbow from the molecules around you.

Illinois Science Explorers (Friday only) — Kid-Friendly
NCSA
Stop by our table to explore a variety of K-8 activities developed by the Illinois Science Explorers! These quick, hands-on activities showcase exciting research and innovations from the National Center for Supercomputing Applications (NCSA). Try all three activities, each lasting just 5 minutes! These activities make complex computing concepts engaging and accessible for young learners.

IMMERSE: Center for Immersive Computing (Friday only) — Future-Oriented, Research, Smart Technology
Siebel School of Computing and Data Science
Immerse Yourself in the Future. Imagine What's Possible

Mobile Manipulation Delivery Robot (Friday only) — Robotics, Research, Programming
IMMERSE and UIUC CS Department
A robot that can move in any direction, pick up objects, and navigate through buildings like a human. Get hands-on with a real robot and try out our interactive simulation challenge!

National Center for Supercomputing Applications (NCSA) (Friday only) — Research, Programming, Kid-Friendly
NCSA
At NCSA, we aim to bring the brightest minds together to solve the grandest challenges and advance humanity. We do this by harnessing the transformative power of computing, software and data sciences, and fostering a united community dedicated to advancing human knowledge and addressing critical societal challenges through research.

NCSA Visualization Demonstration (Friday only) — Environment, Art & Design, Biology
NCSA Visualization Program Office
A wide variety of visualizations created at NCSA as part of important research in astronomy, earth science, biology, and many other fields

Students Pushing Innovation Internship Program (SPIN) (Friday only) — Research, Programming, Future-Oriented
NCSA
The National Center for Supercomputing Applications (NCSA) has a rich history of fostering innovation, with many of the best ideas coming from motivated, creative undergraduates. NCSA launched the Students Pushing INnovation (SPIN) internship program in 2012. Our program's mission is to provide University of Illinois undergraduates the opportunity to apply and develop skills that address real challenges aligned with their interests. SPIN interns work on cutting-edge research projects in areas such as AI, quantum computing, high-performance computing, data analysis and visualization, cybersecurity, and more topics that align with NCSA's mission. Want to know more about SPIN projects? Join us for in-person demos and meet the outstanding interns driving this program's success!

UIUC.chat (Friday only) — Smart Technology, Programming, Research
NCSA/CAII
Your Own Personal AI teaching assistant - plus many more applications.

Understanding Personalized Nutrition (Friday only) — Food, Health & Medicine, Kid-Friendly
NCSA SPIN
Let's do an activity to help understand the importance of a balanced diet and healthy eating, informed by novel research done here at U of I!

Visual Nutrition (Friday only) — Health & Medicine, Data Science, Programming
NCSA and PNI
Through integrating AI technologies, such as machine learning, data analytics, large language models, and computer vision personalized diet plans can now be tailored to individual nutritional needs, preferences, and health goals with unprecedented precision. This new app will allow a person to take a photo of a meal, and it will log nutrients into their personalized nutrition platform which will help design their own nutrition guidance plan.

NATURAL HISTORY BUILDING (NHB)

Frontiers of Geospatial Data Science
Dept of Geography & GIScience, Healthy Regions and Policies Lab
Let's explore the fusion of computer science and geography! Play GeoGuessr and VR games to use your spatial thinking skills. Explore pandemic stories and environmental health data, and make a paper globe to bring home!

Environment
Research
Data Science

NEWMARK CIVIL ENGINEERING LABORATORY

ASCE
ASCE
Answer engineering trivia for a treat!

Construction
Environment
Kid-Friendly

Engineers in Action Bridge Program
Engineers in Action Bridge Program
Welcome to our station!!! where your creativity and engineering skills come together to solve a timeless challenge: building a bridge to cross a river! Using a variety of miscellaneous materials provided, design and construct the bridge and test it with a little "earthquake!"

Kid-Friendly
Construction
Physics

Engineers Without Borders
Engineers Without Borders
Building Bridges, One Block at a Time: Teamwork for Global Impact! Learn how Engineers Without Borders overcomes physical and cultural boundaries to engineer a better world.

Construction
Kid-Friendly
Sustainable

Highway/Rail Crossing
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Come learn more about railroad crossings, find out how they work with a scaled down model of one!

Electronics
Kid-Friendly
Good for older students

Intermodal Game
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Who's better at delivering cargo long distances, trains or trucks? Come and play the Intermodal Game and see if you can deliver the most cargo in the shortest amount of time!

Sustainable
Kid-Friendly
Good for older students

Model Train Switching and Sorting
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Come see (and maybe operate) a functional model railroad and learn about the aspects that are involved in successfully operating a profitable railroad!

Electronics
Kid-Friendly
Good for older students

Power of Clean Water and Tree Rings
SESE
See how water, the most important resource for life, goes from dirty to clean and build a molecular model of water toxins.

Environment
Water
Chemistry

Railroad Signalling System
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Ever wondered how trains are able to stay apart from each other on the railroad? Come find out how a railroad signalling system works from an actual railroad!

Electronics
Smart Technology
Good for older students

NEWMARK CONT

Train & Track Dynamics Demo
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Come learn about the incredible engineering decisions behind the design of train wheels and tracks that ensure trains can stay on track even if there's a curve!

Mechanics
Kid-Friendly
Good for older students

Train Simulator
American Railway Engineering and Maintenance-of-Way Association Student Chapter at UIUC
Come drive a virtual train simulating real conditions with a controller based on real train controls!

Electronics
Kid-Friendly
Good for older students

WCEE Sustainable Energy Solutions
Women in Civil and Environmental Engineering
The Women in Civil and Environmental Engineering will be showcasing a Water Power Generator, designed to demonstrate how water can be used to produce clean, renewable energy. Learn about sustainable energy solutions, including hydropower, wind power, and more!

Sustainable
Water
Future-Oriented

NORTH QUAD

Bioelectricity: Visualizing Neural Signals
Biomedical Engineering Society
When you hear a loud crash or touch a hot stove, this sensation races to your brain at more than 250 mph. Our exhibit shows how this complicated electrical process works using a simple analogy -- water -- which flows through our interactive, supersized 6-foot long neuron! Intuitively understand how Multiple Sclerosis, Paralysis, and Botox actually work!

Health & Medicine
Good for older students
Electronics

ISSA - RF Project
Illinois Semiconductor Student Alliance
Speak to your friends at a distance using transistors!

Electronics
Smart Technology
Physics

OBSERVATORY

Spectacular Solar Observing
Astronomical Society at the University of Illinois
Experience the Sun like never before! Peer through our historic 129-year-old Dome Telescope to explore the wonders of our Universe. Dive into the science behind how the Sun powers all life on Earth and explore the fascinating chemical composition of our stars and galaxies. Don't miss this exciting opportunity to discover the wonders of our universe—all at the in the heart of campus at the U of I Observatory!

Outer-Space
Physics
Kid-Friendly

SIDNEY LU MECHANICAL ENGINEERING BUILDING (LUMEB)

App-Controlled Nerf Turret - NSBE
National Society of Black Engineers (NSBE)
Engineering precision meets Nerf Fun! - Step into the future of tech innovation with NSBE's EOH project: an app-controlled turret that combines engineering precision and Nerf fun. Watch live demonstrations as the turret targets and fires Nerf bullets with impressive accuracy—all controlled through a custom-built mobile app. Visit our booth in order to explore the technology behind this project, and learn how our NSBE technical team designed and programmed the system from scratch!

Robotics
Mechanics
Electronics

ArachnoBot
American Society of Mechanical Engineers
Nature's Mechanics in Motion! Take control of ArachnoBot, a spider-inspired robot showcasing the mechanics of multi-legged motion. Learn how nature's designs enhance stability and adaptability in robotics, with applications in search-and-rescue and space exploration. Explore the robot's code, design process, and interactive demos in this hands-on exhibit!

Robotics
Mechanics
Design Team

Automated Ball Sorting Robot
American Society of Mechanical Engineers
Rapid, efficient, and accurate organization! Watch a robot automatically sort 6 different types of materials. With inspiration from assembly lines, industry can be revolutionized!

Robotics
Kid-Friendly
Design Team

Autonomous Driving Demo
Illini EV Concept
AI-Powered Self-Driving Car Simulation! See how self-driving cars actually work with our autonomous simulation! Watch as a virtual vehicle navigates a simulated environment entirely on its own, reacting to various environmental elements. This simulation reflects how companies such as Tesla and Rivian develop their self-driving cars after they receive input from their sensors.

Robotics
Electronics
Programming

Carbon Capture & Sweet Chemistry
AIChE
Carbon Capture and Sweet Chemistry: Exploring Solutions for a Greener Future. Discover the fascinating world of carbon capture technology with our mini projects! Watch water flow in a distillation setup, see how CO2 can be stored in rock formations, and experience the real effects of this greenhouse gas. Plus, enjoy a fun twist—learn about the chemistry of sugar crystals while indulging in freshly made cotton candy!

Chemistry
Sustainable
Food

From Scrap to Spool: 3D PLA Recycler
American Society of Mechanical Engineers
Discover how discarded 3D prints are transformed into reusable filament through our innovative recycling system. Hands-on activities and live demos bring engineering and sustainability to life!

Sustainable
Environment
Kid-Friendly

Github Repository Classifier
Open Source At Illinois
Open Source at Illinois presents a project utilising LLM models to improve the user search experience through new upcoming technologies. This project showcases the ability to use GPT in order to refine the search results in order to provide you just the repository you are looking for.

Programming
Data Science
Research

Ground Shakers
Korean-American Scientists and Engineers Association
Discover the forces that bring buildings down! Explore seismic engineering with interactive simulations to calculate forces and pinpoint where collapses begin—see how innovative designs save lives!

Construction
Sustainable
Mechanics

Human Hamster Wheel
MechSE Makerworks Club
Step into our Human Hamster Wheel and Experience the Power of Motion!

Kid-Friendly
Mechanics
Physics

IATP
American Society of Mechanical Engineers
Come see devices designed to help people with disabilities do a variety of daily tasks. We will be hosting interactive demonstrations with the goal of showing how these devices can reduce some of the difficulties of disabled people.

Design Team
Mechanics
Kid-Friendly

Intelligent Mattress Topper
American Society of Mechanical Engineers, Illini MediMech, Carle College of Medicine
Revolutionizing Comfort and Care: The Intelligent Mattress Pad for Patients! This is an intelligent mattress pad for patients. The goal is to minimize pressure injuries in hospitals and reduce load on work staff. This pad automatically detects abnormalities and works to relieve patients from pain.

Smart Technology
Health & Medicine
Electronics

Laboratory for Advanced Space Systems at Illinois (LASSI)
LASSI/ ENG 491
UIUC's laboratory for Advanced Space Systems is training the next generation of engineers on the design, development, and testing of CubeSats.

Outer-Space
Electronics
Research

Murder Mystery
Tau Beta Pi
Be a detective and help us find the murderer! Discover how engineering skills can help solve this mystery.

Physics
Good for older students
Future-Oriented

NovoPrint: Multi-Extruder Robotic Printing Arm
An exhilarating, futuristic spectacle that combines robotics and 3D printing to produce real-life CAD models!

Research
Kid-Friendly
Programming

pAInt me a picture photo booth
Alpha Omega Epsilon
Combining two AI concepts to bring you a emotions-based photo booth!

Programming
Smart Technology
Kid-Friendly

Piezoelectric Materials & Sound, 2D & Moire Materials
UIUC I-MRSEC
Piezoelectric Materials & Sound: Discover materials that can convert mechanical motion into electricity! Learn how this fascinating behavior is used in industries like medicine and music, then generate and view signals you create with your own voice or an instrument! 2D & Moire Materials: Imagine a material just one atom thick! Believe it or not, you could create this yourself with just a pencil and tape. Come learn about the thinnest of material systems, how they are fabricated, and how they may be stacked to create devices with unique properties!

Molecular Scale
Electronics
Kid-Friendly

Prosthetic Robotic Arm
Discover how robotic prosthetics are reaching new heights in fine motor control. This innovative glove introduces dynamic programmability, allowing users to control prosthetics beyond basic mirror mode. With sensors on individual fingers, it interprets organic hand gestures, enabling seamless switching between multiple preset hand positions. Experience the future of intuitive, personalized movement!

Prosthetics
Robotics
Smart Technology

The Rheology Zoo
Ewoldt Research Group
We demonstrate simple and complex materials (water, honey, sand, therapy putty, polyethylene oxide solution) to show different rheological phenomena like how these materials under different conditions can behave like a solid or a liquid, and see these phenomena in daily life products such as toothpaste, hand sanitizer, moisturizing cream, ketchup, etc.

Research
Mechanics
Chemistry

Robotic Hand
Pi Tau Sigma
This is an interactive robot hand controlled by audiences.

Robotics
Prosthetics
Future-Oriented

Rube Goldberg Machine
Rube Goldberg Society
This chain reaction machine uses household items to complete a simple task in a complicated way. This year, our machine will complete the task: "feed a pet."

Design Team
Physics
Mechanics

SEM Drawmaton
Rube Goldberg Society
The SEM Drawmaton is a completely mechanical machine that can draw any picture. It uses a set of linkages and cams that store the information about the drawing. When the cams are turned, a drawing is produced.

Mechanics
Art & Design
Robotics

SEM Elliptical Pool Table
Society for Engineering Mechanics (SEM)
The SEM Elliptical Pool Table is a twist on the classic game, designed to guarantee successful shots like never before. With its unique elliptical shape, any ball placed at one focus point will always sink into a pocket at the other when struck with the right force.

Mechanics
Physics
Kid-Friendly

Sigma Phi Delta Engineers
Sigma Phi Delta Fraternity
Come and join the Sigma Phi Delta Engineers to earn a high score on a self made claw machine game and learn about the engineering principles necessary to create it!

Mechanics
Electronics
Robotics

The S'mores Machine
American Society of Mechanical Engineers
Watch as S'mores roll off our assembly line. Stop by our booth for a demonstration of manufacturing in action and you might even walk away with a S'more!

Robotics
Food
Kid-Friendly

Sugar Rush Spin Pinball Machine
Women in Mechanical Science and Engineering
Play with our exciting Candyland themed pinball machine, handcrafted from wood with eye-catching 3D-printed and laser-cut details. Discover the mechanical engineering behind the this classic game with gears, springs, and more!

Mechanics
Kid-Friendly
Physics

Transit Taujectory Marble Wall
Theta Tau Marble
Roll Through Campus: A Human-Sized Marble Run Mapping Urbana-Champaign's Bus Routes at UIUC!

Art & Design
Mechanics
Electronics

SWEne of the Crime
Society of Women Engineers
Step into the world of chemistry, biomaterials, and biology to discover how forensic scientists collect DNA from crime scene samples! You'll extract DNA from strawberries using everyday materials. Discover crime-solving technology by creating your own working circuit using just a pencil! Design an LED circuit to uncover how electrical pathways power real-life crime-fighting tools. Get into the minds of criminals as you build a model of a building that could hold key clues at a crime scene. Work solo or with friends, using paper and tape or popsicle sticks and clothespins.

DNA
Electronics
Mechanics

VoxLink
American Society of Mechanical Engineers
"Step into the future of voice and translation technology—try it, feel it, shape it!" / Explore our AI translator product in action! Discover the innovation behind the device with live demos and the chance to try it yourself. Don't be afraid of sharing your feedback and ideas. This is your chance to be part of the future of AI-powered communication.

Smart Technology
Mechanics
Programming

WCS Dev Ada
Women in Computer Science
Code. Collaborate. Create. Discover the transformative projects developed by participants of WCS' Dev Ada project cycle. This exhibit highlights innovative software solutions crafted by aspiring developers who have collaborated throughout the year to bring these ideas to life.

Programming
Smart Technology
Data Science

6-Axis Robotic Arm
American Society of Mechanical Engineers
6-Axis Robotic Arm: Draw your own picture with light or sand!

Robotics
Programming
Art & Design

SIEBEL SCHOOL FOR COMPUTING AND DATA SCIENCE

AI Photobooth
Artificial Intelligence
We will email the participants the pictures and then delete right away off of the computer.

Kid-Friendly
Programming
Research

AI Vision: Adaptive Face Masking
Black, Indigenous, and Latinx in Tech (B[U]ILT)
Avatar Yourself: Customize Your Face in Real-Time! Discover the magic of real-time facial detection and digital customization! In this exhibit, you'll see yourself on a live video feed with a personalized avatar overlay, created using advanced machine learning technology. Visitors can select and customize preset avatars through an interactive web app, which updates instantly on the live display. Engage with this innovative experience that showcases the power of modern computing in a fun and accessible way for all ages!

Programming
Future-Oriented
Kid-Friendly

Building in Minecraft, View Modes of 360-Degree Video, and Unplugged Activities
CS STARS
Exciting interactive activities
Electronics
Kid-Friendly
Programming

Games in Computer Science
Siebel School of Computing and Data Science
Come learn about how computer science is used in games! Participation is encouraged!
Kid-Friendly
Programming
Research

Interactive Activities with AI
Siebel School of Computing and Data Science
Come learn about and interact with artificial intelligence (AI)!
Kid-Friendly
Programming
Research

Lab Tour of IoT lab
IoT Lab
Lab Tour of IoT lab.
Mechanics
Combustable
Outer-Space

Lab Tour of Wireless
iSENS Lab
Visitors will be given the opportunity to try VR demos the lab has created and learn about radar and the kind of experiments that happen in the lab.
Geology
Physics
Good for older students

Learn About Research in Computer Science
Siebel School of Computing and Data Science
Come learn about cutting edge research in computer science. There will be multiple video demonstrations of computer science research being done at UIUC.
Kid-Friendly
Programming
Research

ScribeAR: Augmented-Reality Captioning
ScribeAR
Come and try out ScribeAR, a cutting-edge augmented-reality platform for real-time captioning! By combining advanced speech-to-text and sound visualization tools with the latest in augmented-reality headsets, ScribeAR is rethinking what accessible captioning looks like. Learn how ScribeAR is improving communication access, from classrooms to coffee shops!
Programming
Smart Technology
Electronics

Unplugged Activities in Computer Science
CS STARS
Hands on nonelectronic interactive activities.
Kid-Friendly
Programming
Research

Visualization of Gradient Descent
Professor Angrave Lawrence's Research Group
Dive into the World of Optimization: Watch Gradient Descent in Action!
Data Science
Programming
Research

TALBOT LABORATORY

Build a Reactor Simulation
American Nuclear Society
Get a look under the hood of a nuclear reactor using an interactive simulation!
Sustainable
Programming
Mechanics

Cloud Chamber
American Nuclear Society
Come see radiation with your own eyes! A cloud chamber uses differences in temperature to create a cloud of supersaturated alcohol, allowing for the trails left by subatomic particles to become visible. Cosmic background radiation, or the subatomic particles that are all around us, become visible within the chamber, as well as radiation emitted from certain elements.
Physics
Kid-Friendly
Health & Medicine

CT Scanner — Health & Medicine, Physics, Good for older students
American Nuclear Society
See Through Anything: How Light Brings the Inside Out!

DC Glow — Kid-Friendly, Physics, Outer-Space
American Nuclear Society
An up-close demonstration of a plasma, the fourth state of matter, being created and manipulated using electric fields and permanent magnets.

Exploring the Future with NASA — Outer-Space, Data Science, Kid-Friendly
Aerospace Engineering
Join NASA's Glenn Research Center and Illinois Space Grant for an interactive experience that brings space exploration to life! Learn about NASA's Artemis program, which will return humans to the Moon and pave the way for future missions to Mars. Rolling Rover Challenge: Navigate a robotic rover across simulated lunar and Martian terrain, just like NASA's rovers explore distant worlds. Wind Tunnel Experiment: Design and test paper helicopters in a wind tunnel to understand aerodynamics and engineering. Educators can also find valuable NASA resources to bring space science into the classroom. Whether you're a future engineer, space enthusiast, or just curious about the next giant leap, explore NASA's innovations and discover how Artemis is shaping the future of space exploration!

The Fusor — Physics, Sustainable, Research
American Nuclear Society
Witness the creation of a high-energy plasma inside of a miniature fusion reactor and learn about fusion energy.

Geiger Counters/Fiesta-Ware — Environment, Sustainable, Future-Oriented
Women In Nuclear
The radiation science table demonstrates how Geiger counters detect radiation.

Ion Thruster — Outer-Space, Sustainable, Physics
American Nuclear Society
Ion propulsion harnesses electrical power and ionized air to generate thrust, like a fan without blades!

Model Nuclear Reactor — Sustainable, Construction, Kid-Friendly
American Nuclear Society
Witness the inner workings of a model nuclear fission reactor, where flowing lights and spinning motors bring the nuclear power generation to life

Mousetrap Reactor — Sustainable, Environment, Future-Oriented
Women In Nuclear
Demonstration of how nuclear chain reactions work in a reactor using mouse traps and ping-pong balls.

Nuclear Enrichment Centrifuge and Diffusion — Chemistry, Kid-Friendly, Sustainable
American Nuclear Society
Discover the science behind nuclear fuel enrichment! See the power of both centrifuge and diffusion methods!

Plasma Speaker — Electronics, Music, Kid-Friendly
American Nuclear Society
Experience music made by pure electrifing plasma.

Plasma Toroid — Physics, Kid-Friendly, Good for older students
American Nuclear Society
Glowing spinning donut -- It's not magic, it's plasma

Plinko Trivia Game — Sustainable, Environment, Future-Oriented
Women in Nuclear
Play Plinko Trivia game in order to learn fun facts about Nuclear related topics.

CACMS (Center for Autonomous Construction and Manufacturing at Scale)
UIUC Autonomous and Unmanned Vehicle Systems Lab (AUVSL)
"Autonomous Engineering— No Strings Attached!"
Robotics
Research
Construction

Efficiency in Transportation
Institute of Transportation Engineers
This exhibit is designed to make our transportation more efficient and faster. Less traffic, clean air, fast travel.
Sustainable
Environment
Future-Oriented

Egg Drop
Institute of Industrial and Systems Engineers
Put your design skills to the test with this exciting egg drop challenge! With a limited budget, your mission is to construct a "spacecraft" capable of delivering your fragile supplies safely to the target zone. The most resourceful and egg-fficient designs will earn a spot on the leaderboard!
Kid-Friendly
Design Team
Construction

ISE Senior Capstone
Institute of Industrial and Systems Engineers
Senior ISE students will proudly present their Senior Design Projects, developed over the course of the Fall semester. The event will feature a variety of engaging poster displays, complemented by physical models of designs where applicable. Guests are invited to explore the room, interact with the exhibits, and gain insight into the innovative solutions crafted by the students.
Good for older students
Research
Future-Oriented

Photogrammetry 3D Scanner
Institute of Industrial and Systems Engineers
Participants will get to take part in a fun demonstration of how 3D technology is used. They will be able to be scanned into a 3D model and see how a 2D image can be converted into a 3D model.
Robotics
Smart Technology
Future-Oriented

Product Design Lab Solar Farm Design Challenge
Learn about generative design and compete in a CAD-based solar farm design challenge.
Art & Design
Environment
Research

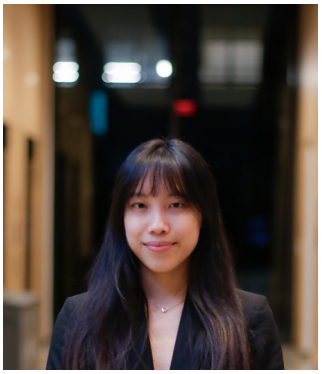
Product Design Laboratory
Department of Industrial and Enterprise Systems Engineering
Explore the intersection of technology and engineering in our interactive 3D modeling exhibit.
Kid-Friendly
Art & Design
Smart Technology

Shark Tank Challenge
Institute of Industrial and Systems Engineers
Participate in a recreation of the Shark Tank show by solving a given problem and pitching the potential solution to a group of judges. This interactive game will allow students to practice entrepreneurship and sales, while using engineering skills to explore creative solutions.
Good for older students
Design Team
Future-Oriented

Supply Chain/Optimization Maze
Institute of Industrial and Systems Engineers
Participants must decide on the shortest path between two points (to resemble supply chain operations/optimizations). Cameras will be set up in the room to capture the maze, and a computer vision program will analyze participant traffic and optimal routes. Participants will learn about the industrial applications of AI, automation and supply chain.
Smart Technology
Kid-Friendly
Data Science

EOH CENTRAL COMMITTEE

Alicia Kim
Co-Director
Bioengineering
Senior



Alyssa Huang
Co-Director
Electrical Engineering
Masters

Aparna Kamath
Director of Exhibits
Physics
Junior

Huamin Gao
Director of Facilities and Equipment
Chemical Engineering
Senior

Vishnuh Bala
Director of Special Events
Aerospace Engineering
Junior

Arpit Bansal
Director of Special Events
Computer Science
Junior

Adithi Bikkavilli
Secretary/Treasurer
Computer Engineering
Sophomore

Karan Jain
Startup Showcase Director
Industrial Engineering
Senior

Katerina Baxter
Middle School Design Director
Bioengineering
Senior

Manasi Bhargava
High School Design Director
Engineering Mechanics
Sophomore

Ella Greer
Senior Director of Outreach
Aerospace Engineering
Junior

Hiruni Bopearatchy
Junior Director of Outreach
Mechanical Engineering
Sophomore

EOH CENTRAL COMMITTEE

Tessa Waldhoff
Junior Director of Outreach
Bioengineering
Freshman

Archir Luhana
Director of Advancements
Electrical Engineering
Sophomore

Arryan Kanodia
Senior Director of Hospitality
Industrial Engineering
Senior

Kate Pactol
Junior Director of Hospitality
Mechanical Engineering
Sophomore

Keya Patel
Director of Judging and Awards
Bioengineering
Senior

Yoon Lee
Director of Marketing
Chemical Engineering
Junior

Emily Liu
Director of Marketing
Bioengineering
Senior

Aditi Shah
Director of Marketing
Computer Science
Senior

Maddie Conrad
Director of Visitor's Information
Physics
Junior

Shreya Gosavi
Director of Visitor's Information
CS + Crop Sciences
Sophomore

Shivaditya Gohil
Senior Corporate Director
Computer Engineering
Senior

Roshni Mathew
Senior Corporate Director
Computer Engineering
Junior

EOH CENTRAL COMMITTEE

Aarya Patel
Junior Corporate Director
Civil Engineering
Junior

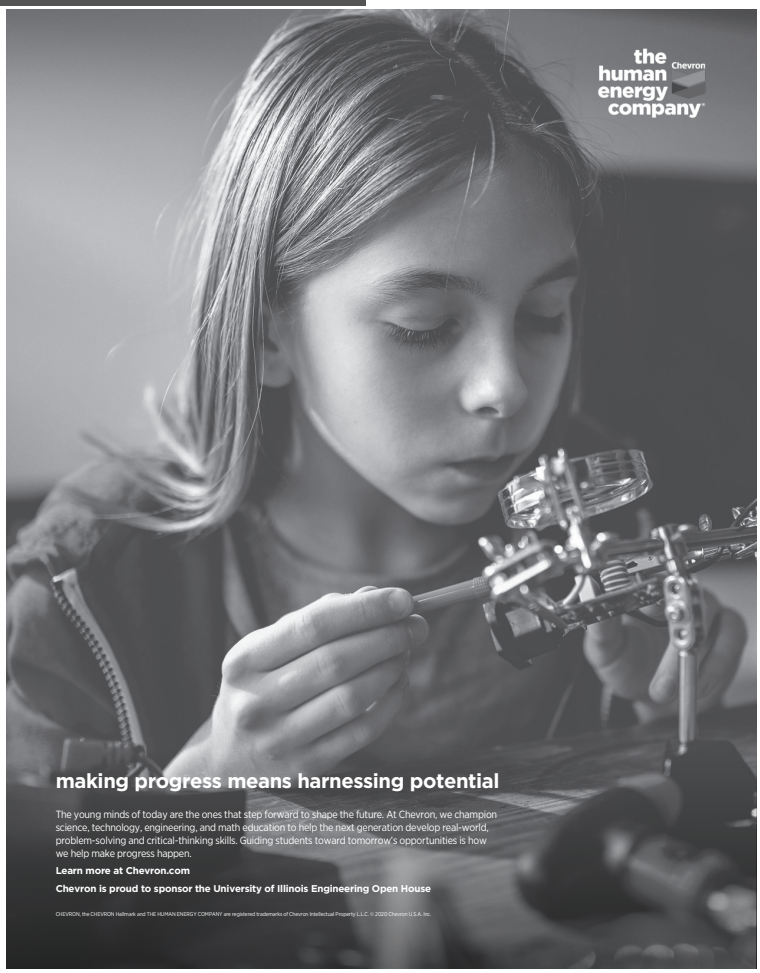
Madeline Kim
Junior Corporate Director
Industrial Engineering
Freshman

Oviyan Rathi
Director of Traffic & Safety
Industrial Engineering
Senior

Tushar Jain
Senior Director of Technology
Industrial Engineering
Junior

Atsi Gupta
Junior Director of Technology
Computer Engineering
Junior

Shaan Doshi
Junior Director of Technology
Computer Science
Sophomore



STAY CONNECTED WITH US!

BARDEEN QUAD
CHAMPAIGN, IL 61820

EOHILLINOIS.ORG
EOH@EC.ILLINOIS.EDU

@ILLINOISEOH

@EOH_ILLINOIS

@ENGINEERINGOPENHOUSE