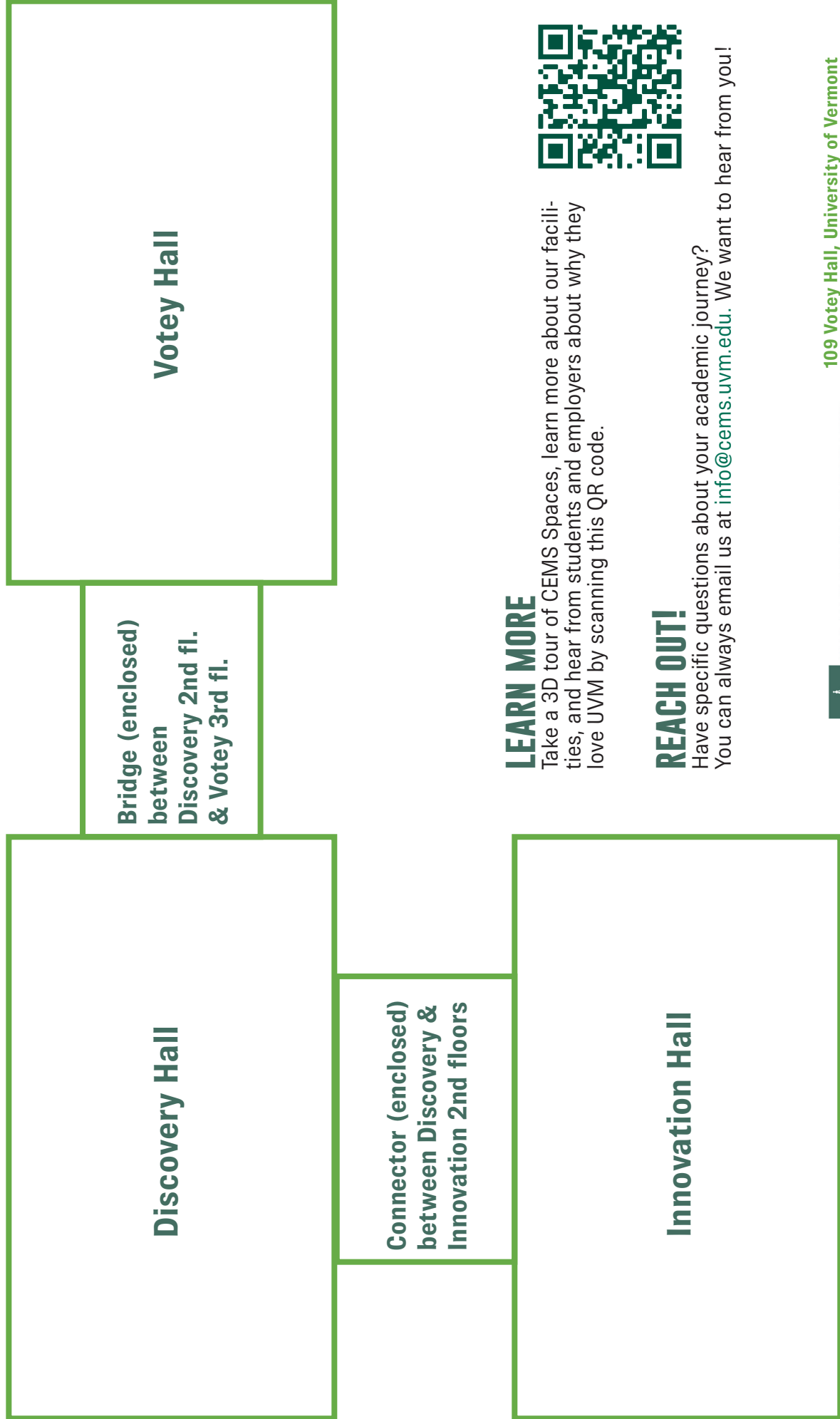


THE UNIVERSITY OF VERMONT STEM COMPLEX



LEARN MORE

Take a 3D tour of CEMS Spaces, learn more about our facilities, and hear from students and employers about why they love UVM by scanning this QR code.

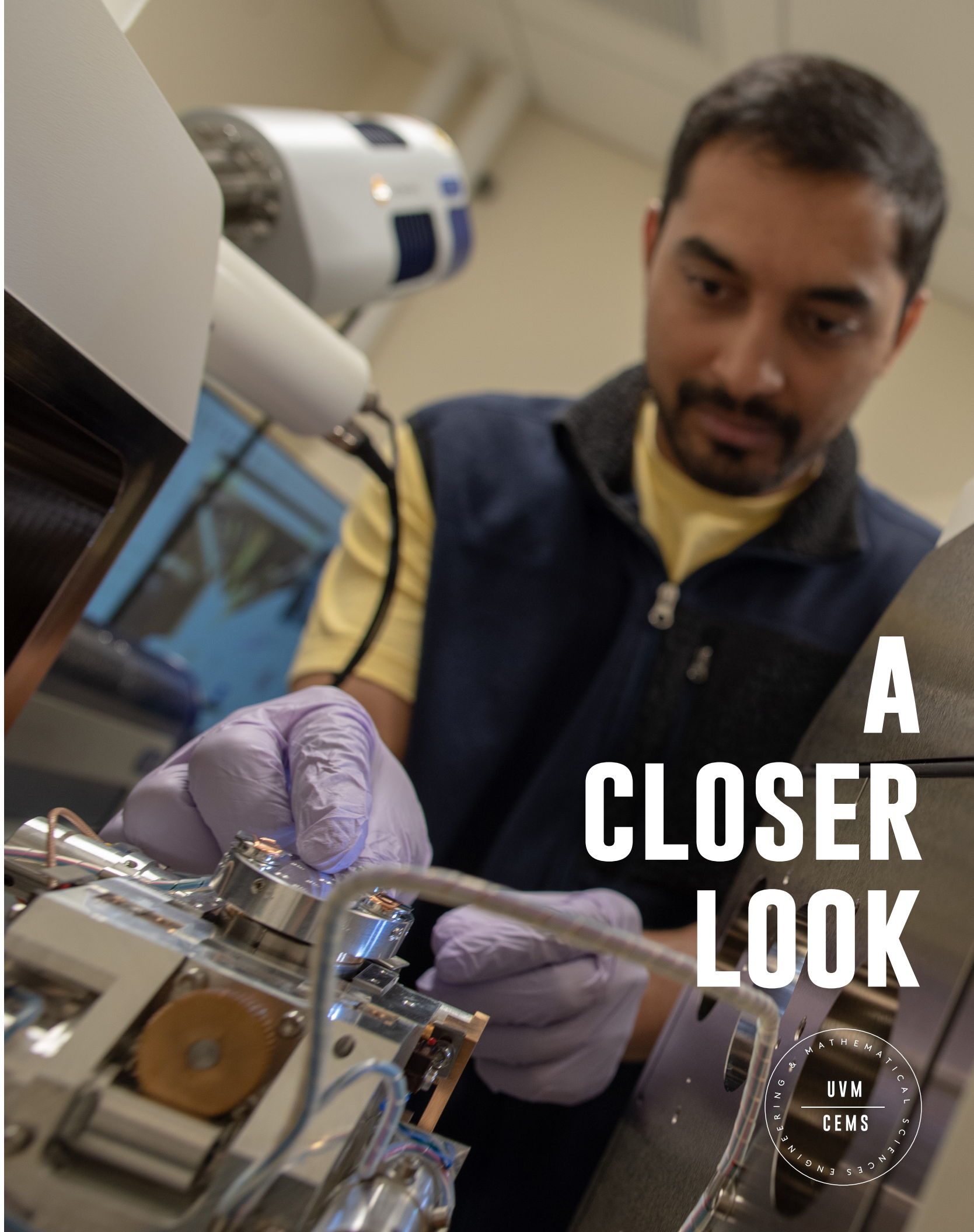


REACH OUT!

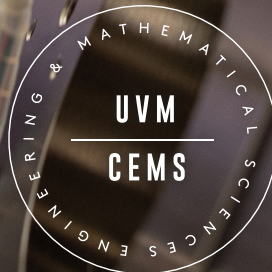
Have specific questions about your academic journey? You can always email us at info@cems.uvm.edu. We want to hear from you!



109 Votey Hall, University of Vermont
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A CLOSER LOOK



WELCOME!

We are thrilled you are here to tour our facilities and learn more about our programs:

- Mechanical Engineering (ME)
- Electrical Engineering (EE)
- Biomedical Engineering (BME)
- Civil Engineering (CE)
- Environmental Engineering (ENV)
- Computer Science (CS)
- Mathematics & Statistics (M/S)
- Data Science (DS)
- Physics (PHY)

VOTEY HALL

FIRST FLOOR

Pop-up CEMS Student Services

Information Area – Votey Hall First Floor

Students have access to incredible support, including expert advisors, internships, and an unparalleled Career Readiness Program. Our offices are in Perkins Hall, but we'll be on hand in Votey during visit days to help guide you and answer questions to about your academic journey. [Good for: All prospective CEMS students](#)

Hydraulics Lab – V101

This lab has a wind tunnel, where students can test wing designs and gain a quantitative understanding of things like “stall speed”, plus a flume to study water hydraulics for applications like hydroelectric energy. [Good for: CE, ENV, and ME](#)

Materials and Structures Lab – V114

CEMS students use the Materials and Structures Lab to learn how compression and tension affect built objects. The Reaction Frame is capable of forces over 500,000 pounds. [Good for: CE, ME](#)

Student Club Space/Aero Space – V118

Teams including the AERO car, steel bridge, and concrete canoe use this space (and others) for their projects. [Good for: All prospective Engineers](#)

Senior Engineering Experience Design (SEED) Lab – V120

Students take a multidisciplinary design course their senior year and frequently interact with industry clients. [Good for: All Engineers](#)

Prototype Lab / Machine Shop – V125

Students can take a 1 credit course to learn how to use the Machine shop. Student clubs and student research projects also have access to the shop. [Good for: All prospective CEMS students](#)

Geomaterials Lab – V127

Students study how to characterize soils, how water flows through them, and how strong they are. They can even experiment with lunar and Martian soil simulants as well as crushed recycled glass that can be used as a sand substitute in construction. [Good for: CE and ENV](#)

SECOND FLOOR

Fabrication Lab (aka FabLab) – V227, 242 & 248

3D printers, a laser cutter, and more. CEMS 050 is taught here; students work on a variety of projects. [Good for: All prospective CEMS students](#)

Ski Safety Lab – V223

Innovations in ski safety are vital to the growth of the sport and engage our students in real-world design projects. [Good for: ME](#)

THIRD FLOOR

TESLA Energy Systems Teaching Lab – V312

Students build prototypes and get an in-depth understanding of current and voltage, sensors, input and output control, and iterative design. They simulate devices and construct circuits for a variety of applications and learn AM, FM, and digital communication signals, plus use portable signal generators, and network analyzers. [Good for: EE](#)

DISCOVERY HALL

SECOND FLOOR

ENV Teaching Lab – W218

Students use this lab for water quality and environmental quantitative analysis. They study water contamination and test samples. [Good for: ENV](#)

THIRD FLOOR

Center for Biomedical Innovation – W326

The CBI brings together students, faculty, and industry through shared programming and an interactive space for applied research, technology development, and education. [Good for: BME](#)



FOURTH FLOOR

Physics space – W424

Students are thoroughly trained in small, innovative classes by distinguished teacher-scholars. They perform innovative experiments in well-equipped labs and conduct research that has a real-world impact, under the guidance of faculty. [Good for: PHY](#)

INNOVATION HALL

SECOND FLOOR

Active Learning Classrooms – E 204 and E210

We teach using group problem solving, team projects, and other methods that require that students can share their work with the class, and work in small groups using large screens. [Good for: CS, M/S, DS](#)

THIRD FLOOR

Student Club Space – E327

Mathematics, Statistics, and Computer Science clubs use this space to dive deeper into their learning or work on group projects. Students study, share ideas, work on CatCoders projects, and join meetings to learn about



job and internship opportunities from external employers. [Good for: CS, M/S, DS](#)

FOURTH FLOOR

Mass Mutual Center for Excellence in Data Science – Fourth Floor

This Center advances study and research in the field of data science and analytics. Students gain deeper insights into data assets, publish their findings, and identify trends in health and wellness, among other vital fields. [Good for: CS, M/S, DS](#)