WELCOME TO THE UNIVERSITY OF CINCINNATI

Oxana Prokhorova
Director of Global Engagement
College of Engineering and Applied Science
University of Cincinnati

University of CINCINNATI

University of
CINCINNATI

AMONG THE WORLD'S
MOST BEAUTIFUL
COLLEGE CAMPUSES
(FORBES)

CARNEGIE
RESEARCH I INSTITUTION
(146 TOTAL)

TOP 100
MOST INNOVATIVE UNIVERSITIES
(REUTERS)

$76.5 MILLION
EARNED COLLECTIVELY
BY CO-OP STUDENTS

#1 PUBLIC UNIVERSITY
FOR CO-OPS & INTERNSHIPS
(U.S. NEWS & WORLD REPORT)

#203
BEST GLOBAL UNIVERSITIES
(U.S. NEWS & WORLD REPORT)

UC ranked
AMONG THE TOP 200 GLOBAL UNIVERSITIES (U.S. NEWS & WORLD REPORT)
TOP-RANKED CO-OP & INTERNSHIPS (U.S. NEWS & WORLD REPORT)
PUBLIC UNIVERSITY OF THE YEAR (THE WASHINGTON CENTER)
#3 UP-AND-COMING UNIVERSITIES (U.S. NEWS & WORLD REPORT)
AMONG THE WORLD'S MOST BEAUTIFUL COLLEGE CAMPUSES (FORBES)
#5 WORLDWIDE MOST WELCOMING (INTERNATIONAL STUDENT BAROMETER)
NO. 1 FOR RETURN ON INVESTMENT (POLICYMIC)
RESEARCH I INSTITUTION (OF ONLY 115 IN THE US)
50 RANKINGS IN THE TOP 50 (U.S. NEWS & WORLD REPORT)

University of CINCINNATI

41,000 undergraduates

12,000 graduate & professional

53,000 total enrollment

6,276 international students

18:1 student / faculty ratio

426 programs of study

AMONG THE WORLD'S MOST BEAUTIFUL CAMPUSES

-Forbes

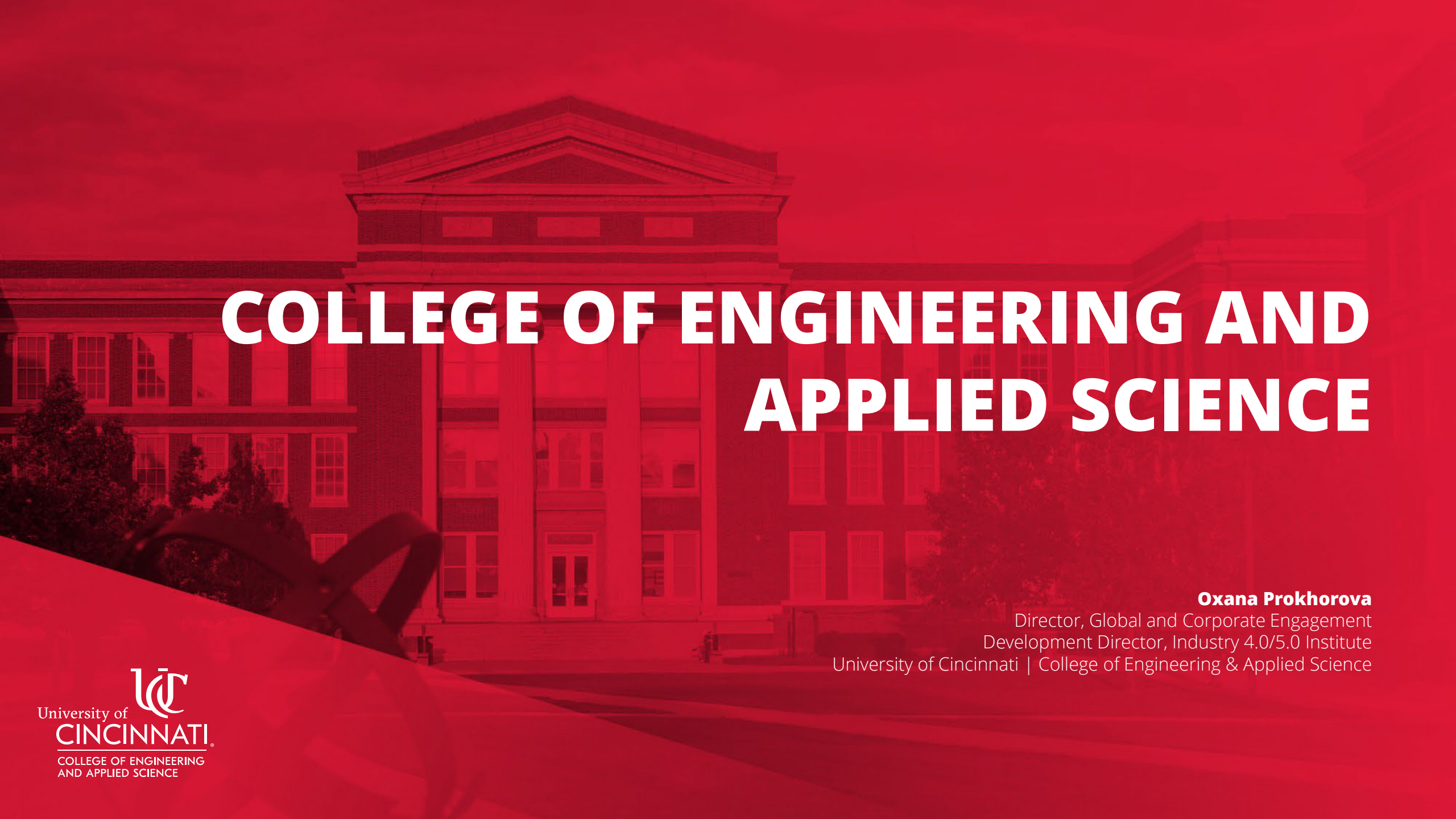
University of CINCINNATI

- College of Allied Health Sciences
- College of Pharmacy
- College of Arts & Sciences
- Lindner College of Business
- College of Education, Criminal Justice & Human Services
- College of Engineering & Applied Science
- College of Law
- College of Conservatory of Music
- College of Nursing
- College of Medicine
- College of Design, Architecture, Art, and Planning

11 Academic Colleges on Main Campus

51,000+ Students

$10.6B Impact



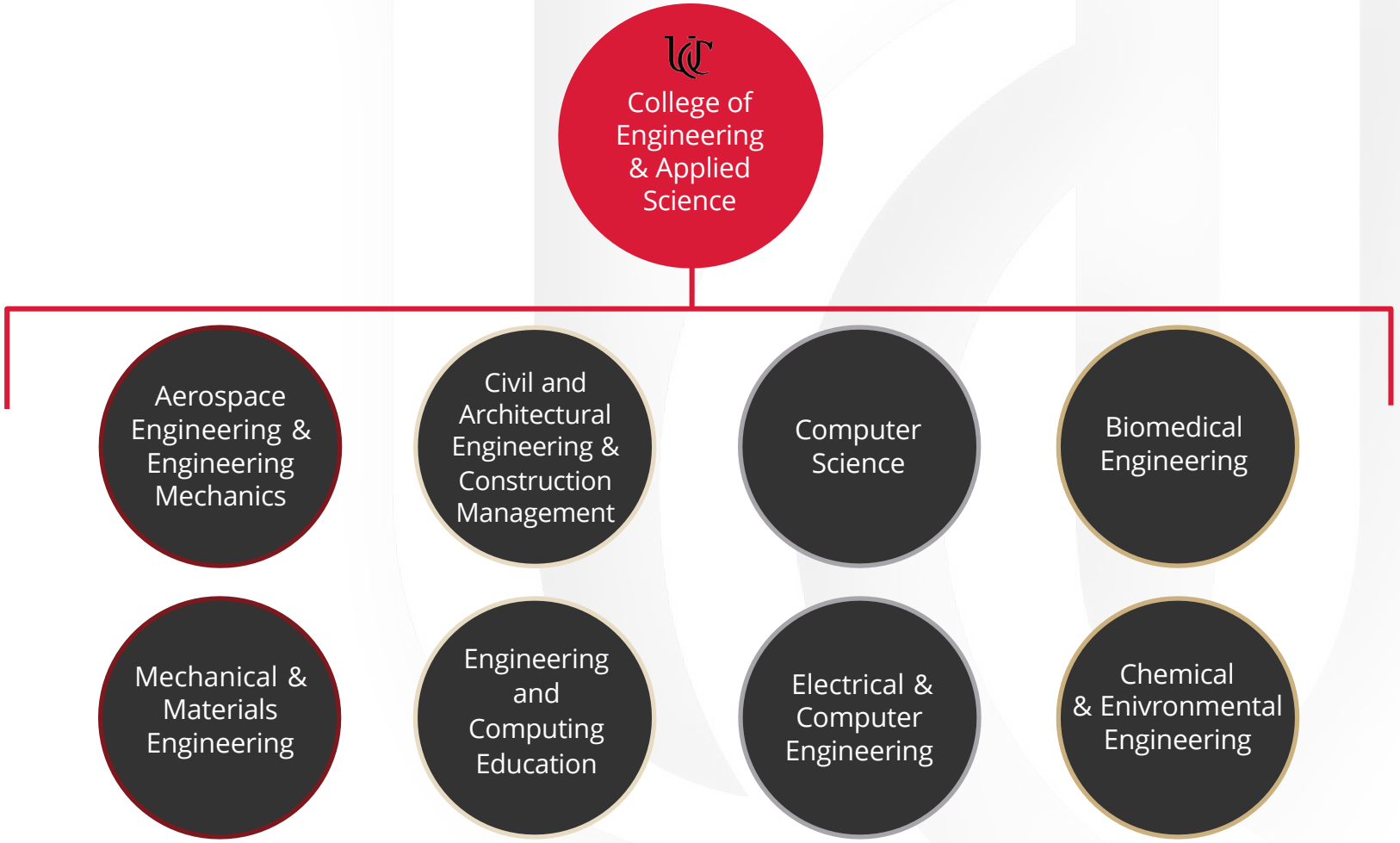
COLLEGE OF ENGINEERING AND APPLIED SCIENCE

Oxana Prokhorova
Director, Global and Corporate Engagement
Development Director, Industry 4.0/5.0 Institute
University of Cincinnati | College of Engineering & Applied Science

University of CINCINNATI
COLLEGE OF ENGINEERING AND APPLIED SCIENCE

CEAS DEGREE PROGRAMS

15 BACHELOR OF SCIENCE DEGREE PROGRAMS



UNDERGRADUATE TO GRADUATE MODEL OF COLLABORATION

3+1+1(2) (Home BS + UC Meng or MS)

- Students in good academic standing at your University can take senior BS qualifying courses in UC CEAS as study abroad visiting students to satisfy your BS requirement. Course credits are transferred back to earn your University BS degree.
- 3 years of undergrad study at your University.
- 1 year of senior undergrad study at UC – credits are transferred back, students earn BS from their school. No BS degree from UC.
- 1 more year of MEng study at UC, students earn MEng degree from UC. MS possible too, takes students 1.5-2.0 years more to complete.

UNDERGRADUATE TO GRADUATE MODEL OF COLLABORATION

3+1+1(2) (Home BS + UC Meng or MS)

Program requirements to enter senior BS year at UC

- 3.0 or higher GPA
- TOEFL of 80 or better/IELTS 6.5/Pearson Test of English of 47
- No course deficiencies
- Program of study approved prior to coming to UC
- No GRE required if criteria met
- MEng Admission guaranteed for 3+1+1 students with 3.0 or higher GPA (competitive otherwise)
- Research Degree pathway possible (MSc and PhD)

GRADUATE MODEL OF COLLABORATION

Dual Articulation Masters Degree MS/MEng

- Students simultaneously pursuing an MS from home University and an MEng from UC by spending time at both institutions.
- Programs expected to further deepen academic and research partnerships between both Universities
- Broader selection of topics for students
- Combination degree and international experience increase students marketability
- Practical training opportunity in the US

DUAL ARTICULATION AND GRADUATE PROGRAMS

MASTER OF SCIENCE FROM HOME UNIVERSITY

+

MASTER OF ENGINEERING FROM UC

CEAS GRADUATE DEGREE PROGRAMS

- Aerospace Engineering
- Artificial Intelligence
- Architectural Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical Engineering
- Environmental Engineering
- Industrial Systems & Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Robotics & Intelligent Autonomous Systems
- Software Engineering
- Sustainable Energy

UC MASTER OF ENGINEERING (MENG) PROGRAM

Industry Focused Graduate Degree
- Advanced technical skills
- Professional skills (leadership and teamwork)

Coursework + Capstone Project/ Internship

No thesis required
- for UC MEng degree

Completed in less than 1 year at UC

Scholarship support for every graduate student

BENEFITS OF THE DUAL DEGREE PROGRAM

Graduate degrees from two universities
- Top-ranked home University
- Top-ranked U.S. University

Diverse coursework and faculty
- Broader selection of topics
- Experts from two continents
- Possibility of degree combinations

(ex. Mechanical Engineering + Aero Engineering)

For qualified students pathway to PhD
- Students familiar with UC
- UC familiar with student

ADMISSION REQUIREMENTS

- Bachelor's degree and Master level completion of at least 15 credit hours in corresponding program with 3.0 GPA or equivalent
- TOEFL of 85 or better/IELTS 6.5/Pearson Test of English of 59 / DuoLingo 110
- GRE not required if recommended for admissions by home University
- Approved F-1 visa (form I-20) for 1-2 semesters

DUAL DEGREE PROGRAM AT A GLANCE

FALL ENROLLMENT AT UC DUAL DEGREE OPTIONS

1-Semester at UC completion option

Spring Semester	Summer Semester	Fall Semester	Spring Semester
Academic Semester at home U, transfer 15 credits to UC	No Classes	Academic Semester at UC (15 credits, can include 3 credits Capstone project on campus)	Return to Home University

2-Semester at UC completion option

Spring Semester	Summer Semester	Fall Semester	Spring Semester
Academic Semester at home U, transfer 15 credits to UC	No Classes	Academic Semester at UC, 12 credits	Complete 3-10 credits Capstone Project as Internship (10 credits) or at UC (3 credits), written report

MSc (Home U) and MEng (UC) awarded after completion of coursework and capstone

DUAL DEGREE PROGRAM AT A GLANCE

SPRING ENROLLMENT AT UC DUAL DEGREE OPTIONS

1-Semester at UC completion option

Fall Semester	Spring Semester	Summer Semester
Academic Semester at home U, transfer 15 credits to UC	Academic Semester at UC (15 credits, can include 3 credits Capstone project on campus)	Return to Home University

2-Semester at UC completion option

Fall Semester	Spring Semester	Summer Semester
Academic Semester at home U, transfer 15 credits to UC	Academic Semester at UC, 12 credits	Complete 3-10 credits Capstone Project as Internship (10 credits) or at UC (3 credits), written report

MSc (Home U) and MEng (UC) awarded after completion of coursework and capstone

CAPSTONE PROJECT (3-10 CREDITS)

- **Pathway A**: Completed as part of 15 credits at UC lab in the 1st semester
- **Pathway B**: Completed as an internship in industry (via Curriculum Practical Training, CPT) during the 2nd semester for select project
  - ✓ Must find internship by the end of the 1st semester to qualify for CPT
- **Pathway C**: Completed at Home University
  - ✓ An outline/abstract required
  - ✓ All require written report submitted to UC upon completion

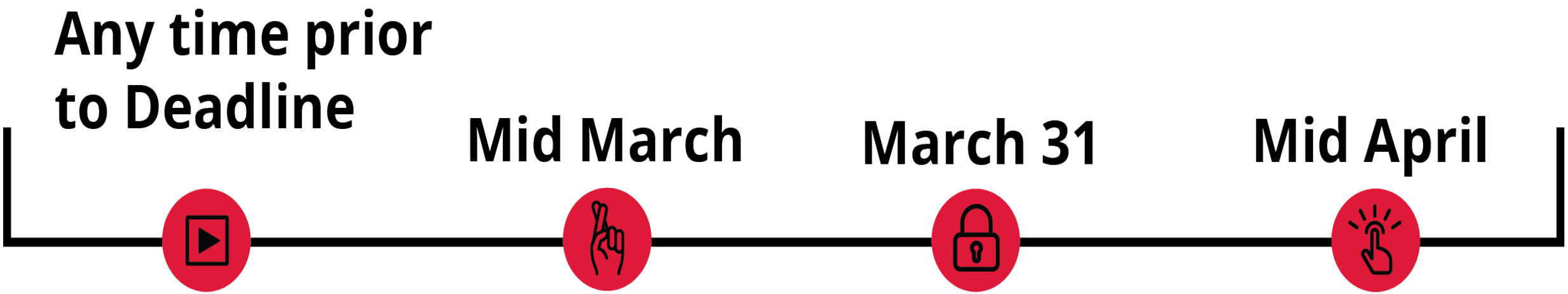
PATHWAY B: INTERNSHIP (CPT)

- Curriculum Practical Training (CPT)
- Working for company (paid)
- Students must register for a minimum of 10 credit hours during the second semester at UC to satisfy F-1 visa requirements.
- Students responsible for finding internship
  - ✓ Help available through UC Career Center / job fairs
  - ✓ Many students use connections through LinkedIn
  - ✓ Search online job postings

CPT / OPT

- Interested & qualified students can apply for CPT (curriculum practical training) for Capstone project during 2nd semester
- Interested & qualified students on valid F-1 visa can apply for OPT (optional practical training) upon completion of 2 full-time semesters at UC
- Apply for 12 months initial OPT within 90 days before and 60 days after degree completion

APPLICATION TIMELINE FOR FALL SEMESTER



Briefing with students on the process

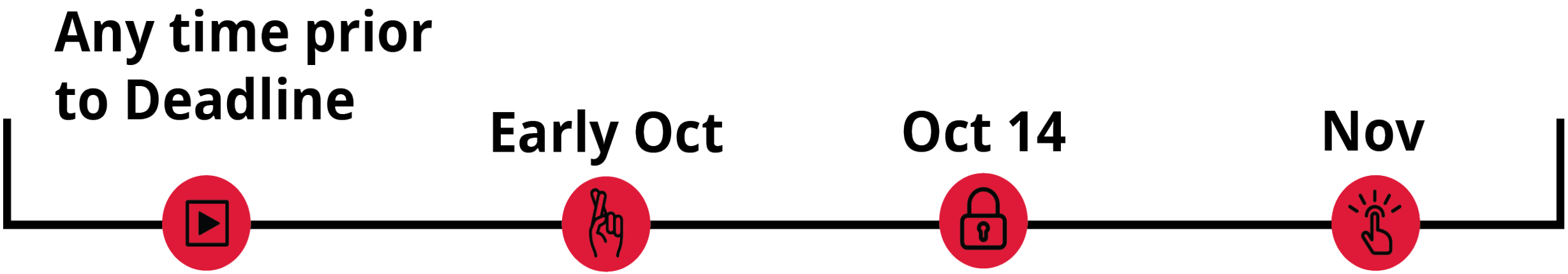
List of recommended candidates to UC *

Application Deadline

Offer letters from UC to students

*Home U screens and recommends students for UC CEAS program. Home U forwards to UC CEAS a list of applicants with their names, date of birth, email contact information, copy of transcripts, course descriptions taken at home U and English proficiency results

APPLICATION TIMELINE FOR SPRING SEMESTER



*Home U screens and recommends students for UC CEAS program. Home U forwards to UC CEAS a list of applicants with their names, date of birth, email contact information, copy of transcripts, course descriptions taken at home U and English proficiency results

APPLICATION PROCESS

- **Partner university selects students to participate in the dual degree program.**
- **Sends a list of eligible students with documents for review to UC (Oxana, Julie). Must include following information:**
  - **Name**
  - **Student Undergrad degree**
  - **Graduate program requested**
  - **Verification of English proficiency (must be met)**
  - **Transcripts of undergrad grades and graduate grades (unofficial ok)**
- **Graduate admission and program directors review within 10 days**
- **If chosen program does not admit, Graduate office suggests if another grad programs is an option**
- **Partner schools/students notified by email to procced with application**
- **Students complete application, send email to Julie Steimle that application is complete**
- **Graduate office finishes admission process and visa applications begins with International Admission**
- **Student receives communication regarding visa application and offer letter**

APPLICATION PROCESS

1

Step 1: Send a list of eligible students and transcripts to CEAS for review of credentials
Students create a new account by using the link above and submit transcripts, TOEFL scores, statement of purpose and provide names and contact information of two references.

- If intending to study in Spring students must apply for Fall, upon completion of application send an email to: Julie.Steimle@uc.edu stating that you have applied to the Dual Degree Spring program and ask that we will change your admission date to Spring 2025. There is an USD $80.00 application fee. Fees are paid by credit card.

- University Online Application : https://grad.catalyst.uc.edu/apply/

2

Step 2: Review Process
Upon completion of the above application process your file will be reviewed and you can check your status online at: https://grad.uc.edu/admissions.html

APPLICATION PROCESS

3

Step 3: Application Approval
Once you are offered admission, please confirm your offer on the portal and an email will be sent from our International Office (international.students@uc.edu_) on what is required to prepare your I-20.

4

Step 4: International Office and I-20 Issuance
Additional information about I-20's can be found on our International Students website http://www.uc.edu/international/services/students/prepare/i-20_faq.html

F-1 AND I-20

- The I-20 is the "Certificate of Eligibility," meaning a student is "eligible" to apply for an F-1 student visa

- After receiving an I-20 from UC, students make an appointment to apply for the F-1 visa at the local U.S. embassy or consulate.

- Students must present both the F-1 visa and the I-20 to a U.S. Immigration inspector upon arrival at the port-of-entry.

PROGRAM COSTS

- **1st semester at UC:**
  - ✓ $15,205 tuition and fees (scholarship will be provided – approximately $4,195)*
  - ✓ Approximately $5,000 - $6,000 room and board

- **2nd semester at UC:**
  - ✓ Some students elect to stay & complete an internship/capstone project in the 2nd semester. Costs same as the 1st semester, scholarship available
  - ✓ $15,205 tuition and fees (scholarship will be provided – approximately $10,700)*

LUCHEN SCHOLARSHIP

A special scholarship is available to students from Taiwan

- Approximately covers remaining tuition fees
- Depending on the number of applicants, award might be competitive and amount might differ

To Apply

- Scholarship applicants must first be admitted to a degree program at UC in a STEM-related discipline. UC programs have cut-off dates for admissions. **Apply early to qualify.**
- The Luchen Scholarship priority application deadline is **October 30**.

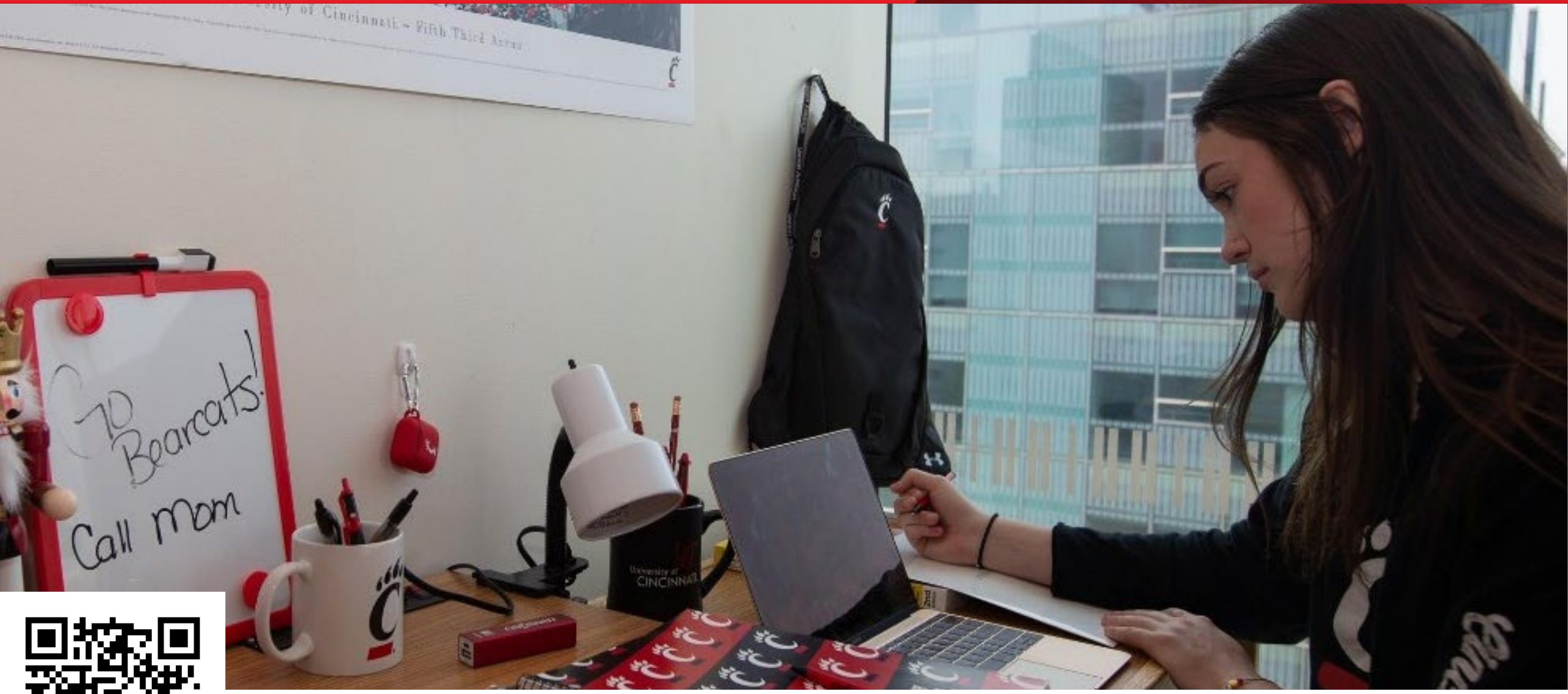
UC GRADUATION

- **Students completing Capstone in Fall semester apply for Fall Graduation:**
  - ✓ Deadline to apply for Fall Graduation is September. Actual graduation date is in **December**.
- **Students completing Capstone in Spring semester apply for Spring Graduation:**
  - ✓ Deadline to apply for Spring Graduation is January. Actual graduation date is in **late April.**
- **Students completing Capstone in Summer semester apply for Summer Graduation:**
  - ✓ Deadline to apply for Summer graduation is May. Actual graduation date is **August.**

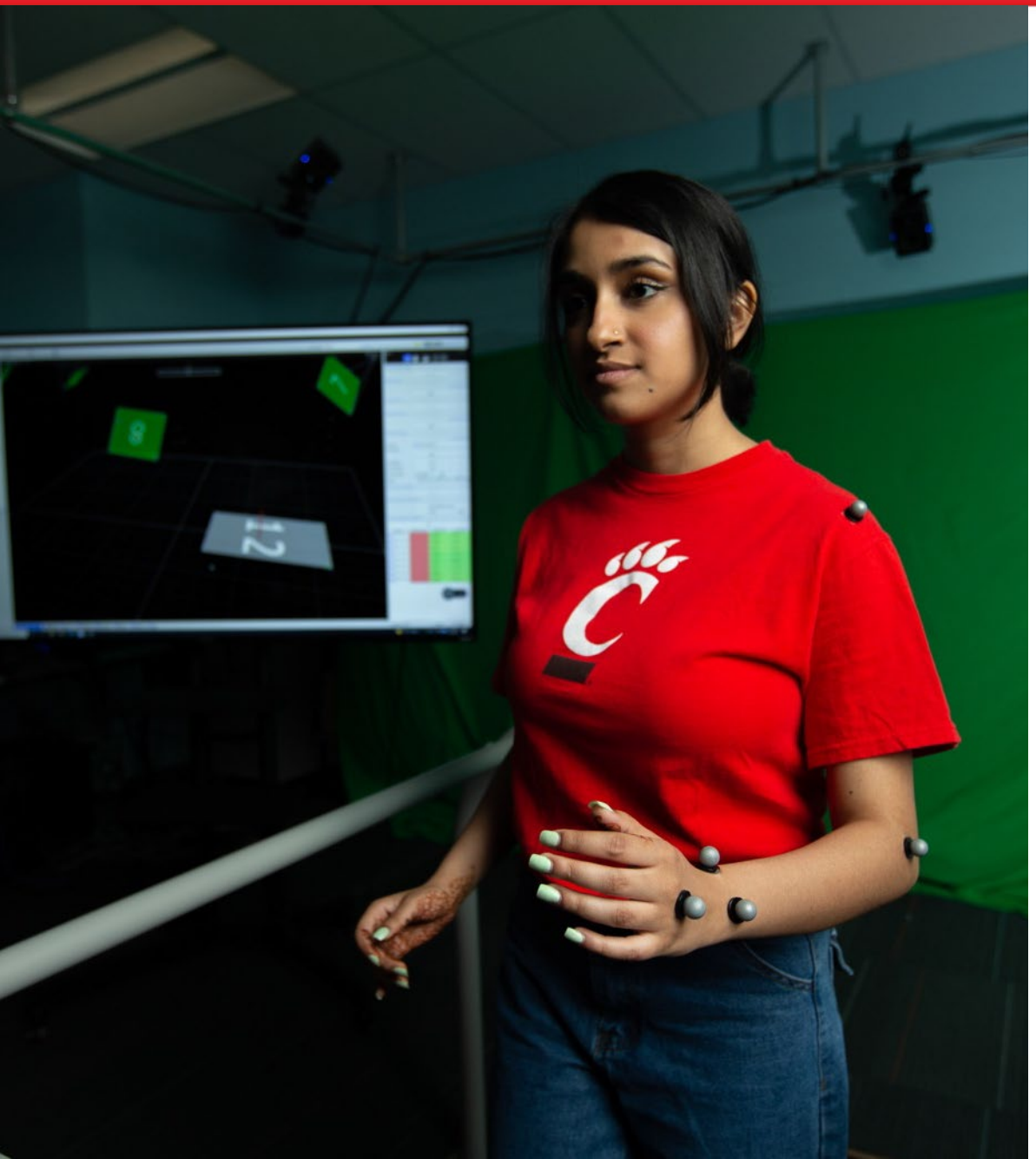
UC GRADUATION (CONT.)

Online Graduation Application

Graduation application fee is $50.00 (non-refundable)



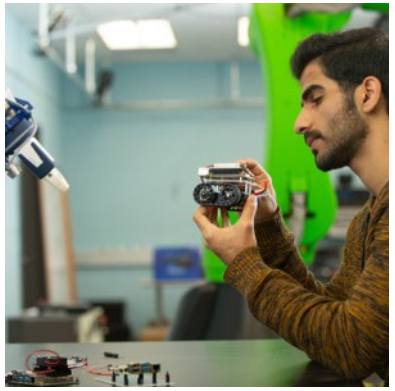
On-campus and off-campus UC housing options



RESEARCH INFRASTRUCTURE

R-1 Research Institute

We transform society through disruptive discoveries at the College of Engineering and Applied Science.



Over 120 Engineering Labs

CEAS has many outstanding research centers, institutes and labs.

Learn More About Research:

MEET THE MENG TEAM

Eugene Rutz
Associate Dean
rutzee@ucmail.uc.edu

Julie Steimle
MEng Academic Advisor
steimlje@ucmail.uc.edu

Amanda McLaughlin
Associate Director Career Develop & Placement
mclaugae@ucmail.uc.edu

ADDITIONAL INFORMATION

https://www.uc.edu/

https://ceas.uc.edu/

https://www.youtube.com/user/uofcincinnati

https://international.uc.edu/students/services.html

List of our degree programs can be found here:

https://ceas.uc.edu/academics/degrees-programs/graduate.html

Please only look at **MEng degrees** for this program. Once you click a particular program, there is a tab CURRICULUM there that allows you to see the program content.