We’re a big campus — **Big 10**, to be exact — with **$642 million** spent on research and development in a typical year. We have **15 schools and colleges**, including our internationally known Grainger College of Engineering, where the Department of Computer Science resides. This substantial breadth offers many opportunities for CS graduate students to conduct collaborative groundbreaking research that can impact not only computing but medicine, business, the arts, media, or whatever defines your research and passion. **Together we do the impossible every day.**

**ILLINOIS COMPUTER SCIENCE OFFERS...**

- A dynamic and stimulating research culture with nearly 150 potential faculty advisors, covering 11 research areas and every sub-area in between.

- A top-five CS graduate program and top-ranked programs on campus in computer engineering, information science, physics, psychology, and engineering.

- Flexible programs of study enabling graduate students to craft a learning experience that best fits their passions, interests, and goals.

- A culture of collaboration where the best minds tackle a myriad of 21st-century problems by developing cutting-edge data science techniques and harnessing the power of petascale computing.

- Thousands of creative and driven alumni who are entrepreneurs, educators, and technical visionaries. Companies who have been founded or led by Illinois Computer Science graduates are among the biggest names in the high-tech arena, including Affirm, C3.ai, Malwarebytes, Match.com, Microsoft, Netscape, PayPal, YouTube, and Yelp.

**FACTS & FIGURES**

- **100** Faculty
- **1,897** Graduate Students: 1,357 MCS, 100 MS, 422 PhD
- **1,982** Undergraduate Students
- **14,905** Alumni
- **$31.8** Million in Research Expenditures in 2019

Birthplace of **Mosaic**, the World’s First Popular Web Browser, and the **LLVM Compiler Infrastructure**

University of Illinois received more **NSF Funding** than any other University in 7 out of the last 10 years

Grainger Engineering Ranked **#10 in U.S. News & World Report** Graduate School Rankings

ILLINOIS CS ranked **#5 in the U.S. News & World Report** Graduate School Rankings
The Research Park fosters opportunities for students and faculty to develop and commercialize new technology in conjunction with their academic work. Our collaborative culture brings the best minds together to work on some of society’s most complex problems—from medical information privacy, to climate modeling, to transforming raw data into useful information, to understanding the genome. Our students have boundless opportunities to conduct multidisciplinary research focused on the computing challenges that society faces now, and into the future.

» http://researchpark.illinois.edu

The Technology Entrepreneur Center (TEC) provides students and faculty with the skills, resources, and experiences necessary to become successful innovators, entrepreneurs, and leaders who tackle grand challenges and change the world. TEC offers courses; venture and product competitions (such as the Cozad New Venture Competition and the Illinois Innovation Prize); plus workshops and other events that expose students to the concepts of technology innovation and market adoption.

» http://tec.illinois.edu

CS researchers have access to Blue Waters, one of the most powerful supercomputers in the world. Capable of completing more than 1 quadrillion calculations per second on a sustained basis, its peak speed is more than 13 times faster (which is almost 3 million times faster than the average laptop). Researchers use Blue Waters to predict the behavior of complex biological systems, understand how the cosmos evolved after the Big Bang, design new materials at the atomic level, predict the behavior of hurricanes and tornadoes, and simulate complex engineered systems like the power distribution system and airplanes and automobiles.

» http://bluewaters.ncsa.illinois.edu

The Thomas M. Siebel Center for Computer Science, which has some of the best classrooms, research & instructional labs, and informal meeting spaces on the Illinois campus. Our collaborative culture brings the best minds together to work on some of society’s most complex problems—from medical information privacy, to climate modeling, to transforming raw data into useful information, to understanding the genome. Our students have boundless opportunities to conduct multidisciplinary research focused on the computing challenges that society faces now, and into the future.

» http://cs.illinois.edu
**Life as a Illinois CS Student**

At Illinois, you have access to countless opportunities and support to ensure an amazing experience both inside and outside the classroom.

**Department of Computer Science**
Visit the links below to learn more about life as a graduate student in our department.

- **CS Graduate Program Application Information**
  http://cs.illinois.edu/admissions/graduate

- **CS Graduate Program Policies:**
  http://cs.illinois.edu/academics/graduate

- **Research:**
  http://cs.illinois.edu/research

- **Faculty:**
  http://cs.illinois.edu/about/people/all-faculty

- **Broading Participation in Computing:**
  https://cs.illinois.edu/broadening-participation-computing

- **CS Graduate Student Organization (CSGSO):**
  https://www.facebook.com/csgso

**Graduate College**
The Graduate College at the University of Illinois enrolls more than 10,000 graduate and professional students in more than 100 disciplines. Our graduate community is international in its composition and global in its impact.

- **Graduate College:**
  http://grad.illinois.edu

- **Resources:**
  http://grad.illinois.edu/students

- **Student Handbook and Policies:**
  http://grad.illinois.edu/handbooks-policies

- **Diversity and Inclusion:**
  http://grad.illinois.edu/diversity/about

- **New Student Quick Guide:**
  http://grad.illinois.edu/quick-guide

**Grainger College of Engineering**
Home to 12 academic departments, 9 multidisciplinary research centers, and 29 top-10 ranked degree programs, Grainger Engineering’s students, faculty, and alumni set the standard for excellence while solving the world’s greatest challenges.

- **Grainger Engineering:**
  http://grainger.illinois.edu/academics/graduate

- **Engineering Update:**
  http://grainger.illinois.edu/students/engineering-update

- **Meet Grainger Engineering Graduate Students (YouTube playlist):**
  http://go.cs.illinois.edu/meetENGstudents

- **Engineering Career Services:**
  http://ecs.engineering.illinois.edu

**University of Illinois**
Founded as the Illinois Industrial University in 1867, the University of Illinois Urbana-Champaign was one of the original 37 public land-grant institutions created within 10 years of the signing of the Morrill Act by Abraham Lincoln in 1862.

- **Facts:**
  http://illinois.edu/about/facts.html

- **Research:**
  http://illinois.edu/research

- **Arts & Culture:**
  http://illinois.edu/arts

- **News & Events:**
  http://news.illinois.edu

- **International Student Resources:**
  http://isss.illinois.edu

- **Off-Campus Housing:**
  http://occl.illinois.edu

- **On-Campus Housing:**
  http://housing.illinois.edu

- **Student Health Insurance:**
  http://www.uhcsr.com/illinois

**Financial Aid Opportunities**
Starting in Fall 2020, Grainger Engineering PhD students in their first five years of enrollment are **guaranteed a funded appointment** for fall and spring that includes a full tuition waiver, a partial fee waiver, and a stipend.

Illinois Computer Science is committed to providing funding opportunities for graduate students. MS and PhD students may be offered a research or teaching assistantship—including a stipend, full tuition waiver, and partial fee waiver—making graduate school affordable.

Students may also qualify for fellowships offered by Illinois Computer Science, Grainger Engineering, the Graduate College, or may apply to external funding agencies like the NSF.

» http://cs.illinois.edu/admissions/financial-aid.
ENGAGE IN STUDENT GROUPS
While on campus, there are over 1,000 students groups that
provide a range of activities that can include leadership, mentorship,
volunteering, professional development, and social interactions.
To deepen your experience while in Siebel Center, get involved
in a CS-affiliated student group:

Association for Computing Machinery (ACM), which organizes HackIllinois and the Reflections | Projections Conference:
https://acm.illinois.edu
https://hackillinois.org
https://reflectionsprojections.org

Blacks and African Americans in Computing (BAAC):
http://baac.engr.illinois.edu/

CS Graduate Student Organization (CSGSO):
www.facebook.com/csgso

Founders, for entrepreneurs: www.founders.illinois.edu

Latinos in Computer Science (LCS): http://go.cs.illinois.edu/lcs

Project: Code: http://go.cs.illinois.edu/ProjectCode

Society of Industrial and Applied Mathematics (SIAM):
http://siam.cs.illinois.edu

Women in Computer Science (WCS): www.illinoiswcs.org

AN AFFORDABLE MICRO-URBAN ENVIRONMENT
The cost of living in Champaign-Urbana is 72.8% less than San
Francisco, 59.4% cheaper than Seattle, 54.4% more economical than
Boston, and 28.2% better than Atlanta [Sperling's Best Places, 2019]

Champaign County ranked 16th in the U.S. as a relocation destina-
tion for young adults. [24/7 Wall St., 2019]

Learn about Champaign-Urbana’s micro-urban community:
http://www.yourewelcomecu.com
https://www.visitchampaigncounty.org

CAMPUS ACTIVITIES,
AMENITIES, AND RESOURCES

Activities and Recreation Center (ARC):
www.campusrec.illinois.edu/facilities/arc

Illini Union: http://union.illinois.edu

Illinois Athletics: http://fightingillini.com

Krannert Art Museum: http://kam.illinois.edu

Krannert Center for the Performing Arts: www.krannertcenter.com

GET ACQUAINTED WITH THE COMMUNITY

The Daily Illini, one of the country's largest student-run
newspapers: www.dailyillini.com

The News-Gazette, the newspaper and online source for news
and advertising in East Central Illinois: www.news-gazette.com

40 North, a local nonprofit organization committed to cultivating
creativity in Champaign County by promoting
many community-wide events, programs, and resources:
ALL THE AMENITIES OF BIG-CITY LIVING WITHOUT THE HASSLES

Conveniently centered between Chicago, Indianapolis, and St. Louis, the University of Illinois provides an entertainment and cultural hub on par with the country’s leading cities. Our campus community is home to Big 10 Division I sports; marquee theatrical, musical, dance performances; amazing festivals and fairs; and fantastic health and recreational facilities.
The demand for computer science education has exploded because computing underpins just about every aspect of modern life. The arts, science, business, medicine, and engineering all benefit from the computational power, modeling, and thinking found in computer science. Illinois Computer Science has a global reputation for developing revolutionary technology—where groundbreaking research addresses real-world problems.

FROM A TOP-5 PROGRAM WITH RESEARCH IN:

- Architecture, Compilers, and Parallel Computing
- Artificial Intelligence
- Bioinformatics and Computational Biology
- Computers and Education
  - Data and Information Systems
  - Interactive Computing
  - Programming Languages, Formal Methods, and Software Engineering
- Scientific Computing
- Security and Privacy
- Systems and Networking
- Theory and Algorithms

Our 100 internationally recognized faculty include 17 ACM Fellows, 20 IEEE Fellows, 9 Sloan Research Fellows, and 40 NSF CAREER Award winners.