Resources for research and well-being
Looking ahead, the best overall resource for you will be your research advisor
Research Advisor

• Try to meet weekly and ask questions

• Begin searching if you do not have an advisor
  • required before taking qual; but preferred by end of first year

• You may change advisors at any time
Finding An Advisor

• Refrain from sending “cold-call” emails

• Take courses, ask peers, attend research group meetings, and schedule individual appointments

• Prepare and make positive first impression
Resources for research
Computing Equipment

• Talk to your advisor about computing devices for research

• Also can use campus clusters, lab or personal machines
ABOUT BLUE WATERS

Blue Waters is one of the most powerful supercomputers in the world, and is the fastest supercomputer on a university campus. Scientists and engineers across the country use the computing and data power of Blue Waters to tackle a wide range of challenging problems, from predicting the behavior of complex biological systems to simulating the evolution of the cosmos. Read more about the teams using Blue Waters.

Blue Waters, built from the latest technologies from Cray, Inc., uses hundreds of thousands of computational cores to achieve peak performance of more than 13 quadrillion calculations per second. If you could multiply two numbers together every second, it would take you millions of years to do what Blue Waters does each second. Blue Waters also has:

- more than 1.5 petabytes of memory, enough to store 300 million images from your digital camera;
- more than 25 petabytes of disk storage, enough to store all of the printed documents in all of the world’s libraries; and
Fabrication Labs

CU Fab Lab

Fabrication lab in Architecture

Innovation Studio in MechSE

Fabrication lab in Art & Design

MakerLab in the Business Instructional Facility
Virtual Reality Lab (Siebel Center)
Flight Simulator (Beckman)
Driving Simulator (Beckman)
Statistics Consulting

The Illinois Statistics Office provides advanced statistical consulting and cutting-edge research support for planning your study, developing the statistical models and analyzing the data. We consult with university researchers and administrative units, private and public companies and government organizations. We can provide targeted statistical methods development as well as established, best-practice analysis.

For individual researchers we provide advice and collaboration for the statistical components of grant proposals including power analysis, identification of appropriate statistical methodology, data management and statistical report writing.

For companies we take contracts and provide solutions to business obstacles and resources to manipulate huge data sets. Our ability and skills in statistical methodology and communication makes our services valuable to clients ranging from Government entities, midsized businesses to research institutes.
Resources for enhancing communication skills
Engineers SPEAK

Engineers SPEAK!
or Skills for Presenting Engineering and Applied Knowledge

P. Scott Carney (ECE), Grace Giorgio (Communication), Ann Bryan (Communication), Jonathan Makela (ECE),
Steve Zahos (AEE), Kelly Cross (BoE), Liaison: Tim Brel (AerS)

Communication skills can propel an engineer from being technically excellent to being a thought leader in the field.

Improve Oral Presentation Skills!

- Professional success requires presentation skills.
- Project-based classes often require presentations.
- Grade and graduation pressure creates teachable moment.
- Cross-campus collaboration (Engineering and Communication)

Recruit Experts!

- Recruited, trained, and hired 25 instructors from Department of Communication.
- Offered workshops, guest lectures, oral speaking exercises, clinics for engineering students.
- Supplemental materials for students with specific needs, such as non-native speakers.
The Writers Workshop is the writing center at Illinois. We provide free writing assistance for University of Illinois students, faculty, and staff from all disciplines and at all stages of the writing process. Discuss your writing with consultants who are experienced writers and teachers of writing.

Make an appointment online at https://illinois.mywconline.com, call us at (217) 333-8796, or drop by our main location in 251 UGL to set up a 50-minute session at one of the five Workshop locations. Please see our appointment, schedule and policies pages for more information.

How can the Writers Workshop help me?

Sessions are interactive. Through close reading and questions, your consultant will help you express and articulate your ideas. Your consultant can work with you at all stages of the writing process, from brainstorming to writing to revising. Consultants will NOT proofread your paper for you but will help you learn to find your grammatical and mechanical errors and correct them on your own. Bring a copy of your writing or just your ideas to the session.
ESL 502 (Writing Skills)

ESL Advanced Elective Courses
The ESL Writing Program offers two 8-week, graduate-level, advanced elective courses designed to give international students field-specific, individualized feedback: ESL 502 and 503. Classes and individual conferences with the instructor serve to support students’ work in their other coursework and professional pursuits. All international graduate students, postdocs, and visiting scholars are eligible.

Note: These courses are not sequential (i.e. you can take 503 first or take just one of the two courses).

CREDIT/CONTACT HOURS: These courses are 0-credit, pass/fail courses. Each 8-week session is worth 2 contact hours (count as credit hours for your visa status).

ESL 502 Advanced Academic Writing I: Dissertation and Research Article Writing
Students will learn the conventions of academic writing in their own fields through self-directed learning with support from the ESL instructor.

- **Contract Learning:** Students will set goals and design their own assignments, such as working on writing for their other courses, conferences, and/or dissertations.
- **Field-Specific Conventions:** Lessons in genre analysis will enable students to derive field-specific patterns in writing and apply them to their own writing.
ESL 503 Advanced Academic Writing II: Academic Presentation Skills

This course will improve students' skills in speaking and presenting research in academic settings. In addition to creating and delivering compelling and professional presentations, students will practice orally explaining their research, creating an effective poster, writing conference proposals, and giving and receiving feedback. Students will participate in a large multi-section mock conference at the end of the semester, allowing them to practice the learned skills in an authentic environment.

ESL 503 is typically offered in Session II (POT B) in the Fall and Spring semesters and is 6.5 weeks long.
Resources for entrepreneurship
Social Fuse Networking Event
Innovation Competitions

Cozad New Venture Competition

COZAD NEW VENTURE COMPETITION 2017
Resources for personal health & safety
Together, we can do so much.

For over 150 years, the University of Illinois at Urbana-Champaign has fostered educational experiences and pioneered innovations with one very clear and simple goal: To change the world for the better.

No matter where you are, we are providing information on our plans to maximize the health and safety of our students, faculty, staff and university community during the COVID-19 pandemic.
Department Covid-19 Resources

Computer Science Emergency Updates Home

This page is readable by anyone with a NetID, but some child pages may be restricted to different audiences.

Important Links:
- Requests to access Siebel temporarily (for a specific task) can be submitted here: https://go.cs.illinois.edu/covid19_Siebel_Access.
- Requests to return regularly to perform work that cannot be done remotely can be submitted here: https://go.cs.illinois.edu/covid19_Return_to_Siebel_Access.
- University of Illinois COVID wiki page: https://covid19.illinois.edu/
- COVID-19 Employee Self-Reporting Phone Line: 217.300.9005. All employees, regardless of employee classification, are required to call this number and notify us when they test positive or are a close contact placed into quarantine. This does not replace the public health district contact tracing efforts but is a supplement to those efforts.

Updated August 28, 2020. We will provide updates as necessary, but until further notice, these guidelines should be followed for the Fall 2020 semester. In the coming weeks, as we receive additional input from campus, we will continue to update you about any plans for modifying the maximal remote work operation. Returning regularly to campus work will NOT be a surprise. We understand the planning required for each of us; any plans for return to campus will be shared well in advance of any return date. Again, we wish to stress the ever-changing nature of the situation, and we appreciate your flexibility and understanding.

Access to Siebel Center:

While there will be more traffic in the building and a few modifications due to the start of the semester, access will continue to be controlled to promote the safety of us all.

During designated hours (currently, 8:00am-5:00pm, Mon-Fri) the building will be open to anyone in the university community as long as they meet the campus guidelines (see below). The campus run Wellness Support Associate (WSA) program will check testing compliance of everyone entering Siebel. The South West entrance to Siebel (Mathews St.) is the WSA entrance. All staff, faculty, and students should enter only through this door during business hours. There will be signs placed at all other entrances directing traffic to the WSA entrance.

Access to offices in Siebel at all times and to the building outside of the staffed WSA hours will continue to require advance approval, with different processes to request one-time or regular access. We need to monitor the building use to ensure that proper social distancing can be practiced and to make it safer for everyone. While previously we were providing approval for regular access only if the work could not be done remotely, we will continue to require approval, but the process will be simplified.
COVID-19: Information for CS Graduate Students

Created by Robertson, Colin Nathaniel, last modified by Kudalga, Vivek Pereira on Apr 29, 2020

We understand that these are very stressful and confusing times and you are getting a lot of communications from different sources within the university. We want you to know CS graduate advising will still be available to assist you and with as “normal” a routine as possible. We will just be moving our advising services online. We want you each to know we are constantly working at setting up the best environment and resources we can to get through this time. As we try out things we will adjust as needed and seek out the most up-to-date information. We have been working remotely through Spring Break in preparation for courses and research to resume after the end of the break. We have been thinking of you all during this time and want you to know that we are here for you. This page summarizes what we know so far and we will continue to revise it as we learn more.

All the information below is directed at the on-campus graduate programs. Instructional delivery and academic services for students in the online program remain unchanged at this time. Students in the online program should follow standard procedures to contact faculty and academic advisors.

On-campus Graduate courses

All courses are required to transition to online delivery beginning March 23, 2020. Please see the CS Department COVID-19 page for further details. These courses are still considered on-campus courses and will not affect the visa status of international students.

Advising during COVID 19:

All academic advising in CS will be performed online until further notice.

Online graduate advising hours (for on-campus students):

- Monday-Thursday: 10:00-11:30 AM & 1:00-4:00 PM CST
- Friday 10:00 - 11:30 AM CST

To initiate an unscheduled (or walk-in) online advising session within these times, you must access the advising queue at https://queue.illinois.edu/o/cs-grad-advising/ and provide your netID, first and last name, the question you have (be brief, please), and any preference for the use of Skype, Zoom, or phone. An advisor will respond to your @illinois.edu email address with the virtual meeting information. Expected wait time is 15-20 minutes.

QR Code for CS Grad Advising Queue for walk-in online advising:
McKinley Health Center
Counseling Center
Safe Rides

SafeRides is a limited MTD service that provides safe transportation for individuals who are generally traveling alone when no other means of safe transportation is available.

There is a maximum of three persons per pick-up location, except at the Illini Union, the Illinois Residence Hall and the Main Library at the corner of Amory and Wright. SafeRides does not duplicate service already provided by other MTD routes and does not provide emergency transportation services to medical facilities nor transportation to bars.
Safe Walks

SafeWalks

SafeWalks is a courtesy service provided to University of Illinois students, faculty, and staff. To request a SafeWalks escort, call 217-333-1216 or download the mobile app for iOS or Android. You can also use an emergency phone to contact a dispatcher.

Please give at least 15 minutes notice.

Hours of Operation

9 p.m. to 2:30 a.m., Sunday through Wednesday (calls taken until 2:15 a.m.)
9 p.m. to 3 a.m., Thursday, Friday or Saturday (calls taken until 2:45 a.m.)

SafeWalks is a free service provided by Student Patrol. Visit our employment page for more information on how to join Student Patrol.
In Conclusion

• These resources are available for you – please use them!

• Note that the list was not exhaustive