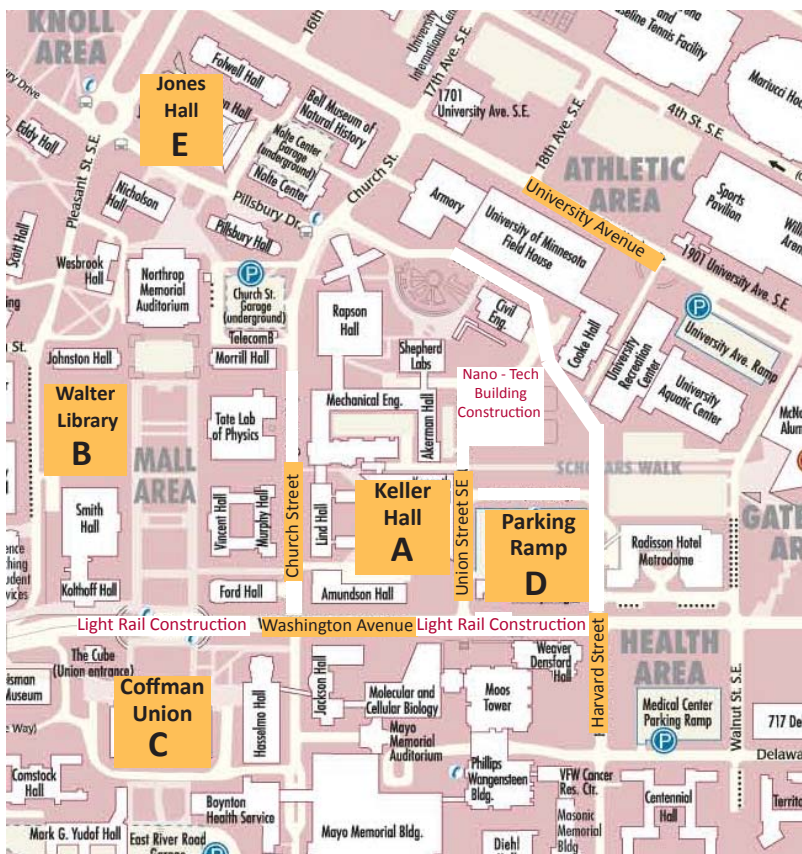


## Department of Electrical and Computer Engineering

We're delighted you're here to visit the campus. Here are some contact names and phone numbers as well as an East Bank map to help you navigate the campus.

David J. Lilja	Department Head	Keller 4-174	612-625-5007	<a href="mailto:lilja@umn.edu">lilja@umn.edu</a>
William Robbins	Associate Dept. Head	Keller 4-174	612-626-6722	<a href="mailto:robbins@umn.edu">robbins@umn.edu</a>
James Leger	Director of Undergraduate Studies	Keller 5-125	612-625-0838	<a href="mailto:leger@umn.edu">leger@umn.edu</a>
Randall Victora	Director of Graduate Studies	Keller 6-157	612-625-1825	<a href="mailto:victo004@umn.edu">victo004@umn.edu</a>
Kyle Dukart	Undergraduate Advising	Keller 3-166	612-624-2285	<a href="mailto:kdukart@umn.edu">kdukart@umn.edu</a>
Linda Jagerson	Graduate Advising	Keller 3-166	612-625-3564	<a href="mailto:jager001@umn.edu">jager001@umn.edu</a>
Rebecca Colberg	Department Administrator	Keller 4-174	612-625-9829	<a href="mailto:r-colb@umn.edu">r-colb@umn.edu</a>
Anastacia Quinn Davis	Alumni & External Relations	Walter Library	612-625-4509	<a href="mailto:aqdavis@umn.edu">aqdavis@umn.edu</a>

### East Bank Campus



#### Key

- A - Keller Hall**  
Formerly Electrical Engineering and Computer Science Building
- B - Walter Library**  
College of Science and Engineering (CSE) Dean and Alumni Relations
- C - Coffman Union**  
University Bookstore and Campus Club
- D - Washington Ave. Parking Ramp**
- E - Jones Hall**  
Office of Admissions

**Wall of Innovation**

*Fourth Floor, up stairs or elevator from front lobby*  
 Highlighting the historical development of Supercomputing, Medical Devices, and The Internet, this collaborative display features the work of the Departments of Electrical and Computer Engineering and Computer Science and Engineering.

**IBM BlueGene Prototype Computer Display**

*Third Floor, near Front Entrance to Keller Hall*  
 IBM's BlueGene was #1 on the Top500.org ranking of world's fastest computers from 2004 through 2008. On display is an IBM-Rochester original development rack used in testing and programming. The first Blue Gene/L consisted of 64 racks that were shipped to Lawrence Livermore National Lab. This prototype rack, encased with the classic slanted IBM cowlings and with a view to the inside, is accompanied by three information panels that provide context about Minnesota and supercomputing.

**ECE Outstanding Achievement Award Display**

*Third Floor, near Robert Rice Advising Office 3-166*  
 The Outstanding Achievement Award is the highest honor conferred upon distinguished alumni by the University of Minnesota. It recognizes graduates or former students of the University who have attained unusual distinction in their chosen fields or professions, or in public service, and who have demonstrated outstanding achievement and leadership on a community, state, national, or international level.

**Robert E. Rice Student Advising Center**

*Third Floor, 3-166*  
 The Rice Center, dedicated on Oct. 10, 2008, is named for Robert E. Rice ('31). In his estate, Rice provided scholarship funds for new full-time students with academic promise and an interest in electrical and computer engineering. This generous gift was one of the largest of its kind to the department. Throughout his 40-year career, Rice was employed in various fields of manufacturing including Honeywell Minneapolis, Western Electric, U.S. Time Company (Timex), Collins Radio Company, and A.O. Smith Corporation and was a member of numerous professional and educational associations including his Certified Life Membership with the University of Minnesota Alumni Association. During World War II, he was involved with government defense contract work, for which he received high commendation from the U.S. Government.

**Dr. Raghu N. Sharma Water Wall Sculpture**

*Third Floor, 3-166*  
 The Water Wall Sculpture was dedicated Oct. 10, 2008, in memory of Dr. Raghu N. Sharma (PhD '69), founder of Multi-Tech Systems (1970), and donated by his wife, Patricia Sharma, and family.

**Nanotechnology Fabrication Center**

*First Floor - Prof. Steve Campbell, Director (612-625-6608)*  
 When the University of Minnesota Nanofabrication Center (NFC) opened in 1990, 30 users were signed up. Now, the lab annually serves nine University departments including approximately 265 researchers conducting work in optical, lasers, electronics, magnetic, mechanical and medical uses. This includes more than 90 external users from 28 other academic institutes and 24 companies. Another 100 people use the lab for education in one of the many short courses or lab courses that are based in the facility.

If you are an **Alumnus**, contact:

Anastacia Quinn Davis (612-625-4509) aqdavis@umn.edu

If you are a **Prospective Undergraduate Student**, contact:

Kyle Dukart (612-624-2285) kdukart@umn.edu

James Leger (612-625-0838) leger@umn.edu

If you are a **Prospective Graduate Student**, contact:

Linda Jagerson (612-625-3564) jager001@umn.edu

Randall Victora (612-625-1825) victo004@umn.edu

If you are an **Industry Representative**, contact:

David Lilja (612-625-5007) lilja@umn.edu

William Robbins (612-625-6722) robbins@umn.edu

If you are here for a **Seminar**, contact:

ECE Front Desk (612-625-3300)

Paula Beck (612-624-2284) pjbeck@umn.edu

If you'd like a **department or campus tour, attend a class or meet with faculty**, contact:

Anastacia Quinn Davis (612-625-4509) aqdavis@umn.edu

Mary Mahto (612-626-7637) mahto005@umn.edu

If you'd like to purchase **electronic components and computer supplies** for faculty, staff, and students, contact:

Dan Dobrick (612-626-6620) ddobrick@umn.edu

Bring your U-Card loaded with Gopher Gold™ or a department EFS number and your U-Card to purchase items from the ECE Depot.

**Statistics**

<i>Graduates of programs (average)</i>	44 Faculty
150 Bachelors degrees per year	55 Teaching Assistants
85 Masters degrees per year	125 Research Assistants
30 Doctorates per year	18 Staff

**Events**

Departmental Open House

Senior Design Shows

Field Expert Colloquia

**Current Research Areas**

- Biomedical and biological Computations Methods, Devices, and Systems
- Communications, Signal Processing, and Networking
- Computer Engineering, VLSI, And Circuits
- Fields, Photonics, and Magnetic Recording Technology
- Micro and Nano Structures
- Sustainable Energy Systems, Power Electronics and Drives
- Systems and Controls