The University of Chicago

The University of Chicago opened its doors in Fall 1892, the product of a desire to establish a strong and well-equipped college to serve the Western portion of the country. From its inception, the University has maintained its commitment to the primacy of scholarship, teaching and research.

The University consists of four graduate divisions, six professional schools, and an undergraduate college. Currently, the University of Chicago enrolls approximately 13,900 students in its undergraduate, graduate, and professional programs of study, of whom 4,500 are undergraduates.

The campus is located on the South Side of the city of Chicago, seven miles from the city's center, and is easily accessible by a variety of public transportation systems. Its grounds are bordered by two of Chicago's major parks as well as Lake Michigan. From the central quadrangles radiate more than one hundred and twenty-five university buildings, many of architectural significance. Recent additions are the Gordon Center for Integrative Science and the Comer Children's Hospital, which confirm the University's commitment to provide state of the art research facilities.

Hyde Park

Hyde Park offers a large concentration and diversity of shops and services. For example, on one block of 57th Street, you will find a Greek restaurant, a music and dance school, a beauty salon, a dry cleaner, an antiquarian bookstore, and an Italian restaurant.

Hyde Park has a history of social activism, political leadership, and community life; it is also the site of renowned museums and architectural landmarks. Hyde Park has been cited nationally as among the most successful racially and economically integrated urban communities in the United States. For students, it provides the essentials of life along with enough diversions to keep boredom at bay when a trip downtown is not practical.

After the downtown Museum Campus, Hyde Park has the largest concentration of cultural organizations in the city. In addition, Hyde Park claims a proud architectural history, with a rich collection of houses dating from before the Great Chicago Fire of 1871, plus contributions from Frank Lloyd Wright, Ludwig Mies van der Rohe, and I. M. Pei.

Chicago

The University of Chicago is located in Hyde Park and is 10 minutes by car or 20 minutes by train from downtown Chicago.

On the shores of Lake Michigan in the heart of the Midwest, Chicago is home to world-championship sports teams, an internationally acclaimed symphony orchestra, renowned architecture and much more. Visitors to Chicago experience a virtual explosion of cultural activity, civic pride and multicultural expression. From stunning architecture and world-famous museums to lakefront parks and vibrant ethnic neighborhoods, Chicago offers an endless variety of places to explore and things to do. There are museums of every kind; avant-garde art galleries; dance, theater, and music venues; plus ethnic and cultural riches in food, music, and shopping. The new Millennium Park, Northerly Island and Navy Pier provide added attractions for the lakefront, with restaurants, concert venues, theatres, art exhibits, world-class museums, shopping and other amusements within walking distance of downtown and public transportation.
For more information, please visit:
www.uchicago.edu/docs/chicagoguide/.

Recent Summer Research Topics

Evolution of Noncoding Regions in Primates

The Role of CaMKII in Behavioral Sensitization

Purification of Anthrax Toxin and its Role in the Pathogenicity of the Gastrointestinal Tract

Retinoic Acid-Induced Astrocytogenesis

Tbx2b Gene Expression in Zebrafish (Danio rerio) Embryonic Endoderm

Epigenetic changes of Ebf gene throughout B-cell differentiation: Optimizing the chromatin immunoprecipitation technique

Characterization of the single-stranded DNA-binding protein Gp2 by alanine scanning mutagenesis

Effects of Endocrine Disrupting Compounds on Adipocyte Differentiation and Phenotype

Science in Summer

RESEARCH OPPORTUNITIES IN THE BIOLOGICAL SCIENCES AT THE UNIVERSITY OF CHICAGO

The Summer Programs in the Division of Biological Sciences

The summer research programs offered by the University of Chicago's Division of Biological Sciences (BSD) provide an ideal opportunity for undergraduates who are thinking about applying to graduate school in the biological sciences to experience research at the graduate level. Students may select any area in the basic biological sciences for their research project. Participants are then matched by the respective programs with appropriate faculty members whose research lies within the chosen field. Students who have contact with a faculty member and would like to work in that person's laboratory should mention that faculty member's name in their application. For information on areas of research, visit our website:

http://gradprogram.bsd.uchicago.edu

Although the programs differ on some requirements, all participants work closely with faculty mentors to explore the research process and undertake projects to learn new research skills, techniques and ideas. The scope of the project is such that it can be concluded within 9-10 weeks. A research paper and an oral presentation are usually required at the end of the summer.

It is hoped that the excitement of scientific discovery and the exposure to the advanced procedures and techniques of an active research laboratory will solidify student's commitment to pursuing a Ph.D. after graduating from college.

Minority undergraduates, in the sophomore and junior years, are especially encouraged to apply.

For students interested in attending medical school, please visit the Pritzker School of Medicine's website (*http://pritzker.bsd.uchicago.edu*) under "Research Opportunities" for additional information on summer programs.

BSD Summer Research Training Program

http://gradprogram.bsd.uchicago.edu/

The program provides an opportunity for students to experience research an area of choice in the biological sciences at the graduate level. Working closely with faculty, students learn new techniques, innovative ideas, and skills, which prepare them for a Ph.D.

Time: Nine weeks (summer qtr)
Application Deadline: February 1
Number of Positions: Varies
Stipend: $3,300, plus housing

Eligibility: Applicants must have a strong interest in pursuing a Ph.D. in the biological sciences and be in the sophomore or junior year with a competitive GPA. Minority students are encouraged to apply.

Contact: Dr. Nancy B. Schwartz
Dean for Graduate Affairs
n-schwartz@uchicago.edu

BMB Undergrad. Summer Research Internship

http://bmb.bsd.uchicago.edu/

The program provides an opportunity for talented students to obtain hands-on experience in biochemical research. Designing, performing, and interpreting experiments under the supervision of a departmental faculty member encourages students to develop as scientists as they gain the technical expertise needed to address issues in biochemistry.

Time: Nine weeks (summer qtr)
Application Deadline: February 1
Number of Positions: Varies
Stipend: $3,300, plus housing

Eligibility: Undergraduates in their sophomore and junior years, with a competitive GPA.

Contact: Brandon Baker
Dept. Biochemistry &
Molecular Biology
bbaker@bsd.uchicago.edu

NIH Undergraduate Summer Program in Neuroscience and Neuroengineering

http://cns.bsd.uchicago.edu

The program is designed for students interested in graduate work in neuroscience or behavior. Students spend most of their time working on a research project under the direction of a faculty member. They also attend seminars three times a week by faculty who have research interests in a wide range of topics in neuroscience, neuroengineering and behavior. There are occasional visits to research laboratories, social events, and a session on how to apply to graduate school.

Time: Ten weeks (summer qtr)
Application deadline: February 1
Number of positions: 18
Stipend: $3,500 plus housing allowance

Eligibility: Undergraduates with an interest in neuroscience or behavior who have finished their sophomore year.

Contact: Dr. Philip Ulinski
Committee on Computational Neuroscience
pulinski@uchicago.edu

The Leaedership Alliance Summer Research Program at The University of Chicago

http:/www.theleadershipallaiance.org/

The Leadership Alliance supports an all-expense paid research internship providing students with a competitive stipend, travel, and housing. Students work with a faculty or research advisor to develop and conduct an independent research project while learning about preparing for an advanced academic career. Students will present their research at a symposium held at the University of Chicago as well as at a national meeting organized by the Leadership Alliance.

Contact : Dr. Megan McNulty
BSCD Research Advisor
mmcnulty@uchicago.edu