

## NORTHWESTERN UNIVERSITY

Located on the shores of Lake Michigan Northwestern offers an exciting intellectual atmosphere within an attractive natural setting. Outdoor recreational opportunities abound, and many of Chicago's most interesting attractions stand just a short train ride away.

Learn more @ [northwestern.edu](http://northwestern.edu)



**Northwestern** | RESEARCH

CHICAGO REGION PHYSICAL SCIENCES ONCOLOGY CENTER

c/o Benette Phillips  
303 E. Chicago Ave., Olson Pavilion 8350  
Chicago, IL 60611

**CHICAGO REGION  
PHYSICAL SCIENCES  
ONCOLOGY CENTER**

**Summer Research  
Program for  
Underserved  
College Students**

[psoc.northwestern.edu](http://psoc.northwestern.edu)





## ABOUT THE CENTER

Funded by a 5-year, multi-million dollar grant from the National Cancer Institute, the Center employs physical sciences approaches to understand the molecular changes leading to cancer. The Center is pursuing multiple long- and short-term projects focused on structural and functional modifications to chromatin in malignant cells.

The Chicago Region Physical Sciences-Oncology Center invites you to apply to its 8-week summer research program at Northwestern University.

Learn new techniques and protocols in cancer research using physical sciences concepts and methodology. Participate in hands-on laboratory research to discover the structure and function of chromatin in malignant cells.

Attend weekly seminars and a two-day workshop to gain a more complete understanding of tumor biology and cancer detection, diagnosis, and treatment.

## CONTACT US

Benette Phillips, PhD  
Co-Director of Education and Outreach  
office phone: (312) 503-7883  
email: [schallma@northwestern.edu](mailto:schallma@northwestern.edu)

## FUNDING

Support for participants includes:

- A \$3500 stipend
- Free on-campus housing
- Reimbursement for travel expenses

## PROGRAM DATES

Start: Monday, June 20<sup>th</sup>  
End: Friday, August 12<sup>th</sup>

## ELIGIBILITY

- College freshmen, sophomores, or juniors pursuing a major in engineering, applied mathematics, or a physical science. Bio-science majors with a demonstrated interest in the physical sciences will also be considered.
- Complete at least one college course in biology by the program start date.
- Be members of an underserved population in the physical and biomedical sciences. \*This includes, African-Americans, Hispanics, American Indians, and students from families with an annual income below established low-income thresholds.

## HOW TO APPLY

Application deadline March 1<sup>st</sup>

Submit the following materials:

- A completed application form
- Two letters of recommendation
- College transcripts
- A personal statement

More information and forms @ [psoc.northwestern.edu](http://psoc.northwestern.edu)