The glory of summer jobs!

Hold on! I can get paid to do scientific research???
SUMMER UNDERGRADUATE RESEARCH PROGRAMS and INTERNSHIPS

• Typically 10 weeks

• Full-time (40 hours/week)

• Pay ~$5,000 +

• Sometimes includes a housing stipend or arrangements

• Opportunity to explore what life is like after PLU: graduate school & careers in science!
PLU Natural Sciences Summer Undergraduate Research Program (NSSURP)

https://www.plu.edu/natural-sciences/research-internships/undergraduate-research-program/

- 10 weeks (typically Jun 1 - Aug 10)
- PLU faculty members mentor students
- Weekly Professional Development Lunches
- Total *expected* Research Fellowship Award = $6,300
• Expect our website to go “live” in February
  - mentor research descriptions and student-researcher expectations
  - student-researcher fellowship application Google form

• Introduce yourself to the faculty mentors you want to work with & select your top two choices

• Applications will be DUE online in late February
Search for an REU Site

Astronomical Sciences
Atmospheric and Geospace Sciences
Biological Sciences
Chemistry
Computer and Information Science and Engineering
Cyberinfrastructure
Department of Defense (DoD)
Earth Sciences
Education and Human Resources
Engineering
Ethics and Values Studies
International Science and Engineering
Materials Research
Mathematical Sciences
Ocean Sciences
Physics

Site Information:
Baylor University
An Advanced Instrumentation Emphasis REU
Chemistry & Biochemistry
Site Location:
Waco, Texas
Contact Information:
Primary: Charles Garner
254-710-6882
charles Garner@baylor.edu
Secondary: Barbara Rauls (Administrative Assistant)
254-710-4926
barbara rauls @baylor.edu
Additional Information:
Research Topics/Keywords: organic chemistry, physical chemistry, analytical chemistry, biochemistry, inorganic chemistry, geochemistry, environmental chemistry, chemical physics

Site Information:
Boston College
REU Site: Integrated Science For Society (IS2)
Physics
Site Location:
Chestnut Hill, Massachusetts
Contact Information:
Primary: Kenneth Burch
(617) 552-3575
ks.burch@bc.edu
National Science Foundation (NSF)
Research Experiences for Undergraduates (REU)

https://www.nsf.gov/crssprgm/reu/reu_search.jsp

- 10 weeks (like PLU program)
- Faculty/grad student/postdoc mentors
- Professional skills and social activities
- Housing often included (dorm, shared house)
- Pay ~$5,000 - $6,000
- Application deadlines vary but start in Nov.
- Some targeted programs (first-years, underrepresented groups, etc.)
Summer Undergrad. Laboratory Internship (SULI)

https://science.osti.gov/wdts/suli

• Fall, Spring, and Summer 10-week programs
• 17 participating DOE National Labs
• Professional skills and social activities
• Housing is sometimes included
• Stipend $650/week
• Application for Summer due in January (1/9/24)
• Broad research areas: chemistry, engineering, physics, environmental science, energy research, etc.
SUMMER INTERNSHIP PROGRAM IN BIOMEDICAL RESEARCH (SIP)

https://www.training.nih.gov/research-training/pb/sip/

- 8-10 weeks
- Work on any of 1,200 NIH campuses
- >7,000 apps; ~1,000 positions
- Pay ~$3,000/mo.
- No housing assistance
- Application available mid-November

Deadline February 23, 2024
SUMMER INTERNSHIP PROGRAM IN BIOMEDICAL RESEARCH (SIP)
FAQs about applying:
https://www.youtube.com/watch?v=criFfuK55OU
Talk to PLU’s Math faculty to mentor you on your application.
Other Federal Agencies to Explore

Google “undergraduate research” or “summer research” or “internships”

- USGS
- NOAA
- EPA
- Department of Defense
- Department of Homeland Security
- National Cancer Institute
- Centers for Disease Control (CDC)
- Others – explore!
Local Companies to Explore

Google “undergraduate research” or “summer research” or “internships”
Fred Hutchinson Cancer Center
Science Internships for PLU Students

https://www.plu.edu/natural-sciences/research-internships/fred-hutch-internships/

- 10 weeks
- for Jrs and Srs
- $6,300
SUMMER UNDERGRADUATE RESEARCH PROGRAM
Biomedical Research Opportunities Start Here!

Areas of Research
• Basic Sciences
• Human Biology
• Public Health Sciences
• Clinical Research
• Vaccines & Infectious Diseases

Stipend and Housing
• ~$5,000
• Housing at UW for ~$3,400

Deadline
• Available in mid-November (see website)

www.fredhutch.org/surp
Infectious Disease Training Program

[Link](https://www.fredhutch.org/en/research/divisions/vaccine-infectious-disease-division/research/infectious-disease-sciences/training.html#summer-internship-program)

### Opportunities
- Conducting a hands-on research project with faculty mentors
- Opportunity for clinical shadowing at UW Medical Center and Fred Hutch
- Laboratory observation and practical experience
- Presenting your project to faculty and fellow trainees, at the program’s conclusion
- Accessing a wide variety of relevant research conferences, meetings, presentations and/or symposia, including:
  - Lab/group meetings, journal clubs
  - Affinity Groups on Mathematical Modeling and Infectious Diseases in Immunocompromised Hosts
  - Antimicrobial Stewardship and Infection Prevention committees

### Areas of Focus
- Antimicrobial Stewardship
- Herpesvirus and hepatitis B infections
- Human Microbiota
- Immunotherapy
- Infection Prevention
- Math Modeling (coding experience required)
- Viral Infections
The Chemistry Department’s Opportunity Blog is full of many internships and career opportunities at http://www.plu.edu/chemistry/news/topic/opportunity-blog/

**Summer Undergraduate Research at Caltech**
Caltech’s commitment to diversity, equity, and inclusion is but one manifestation of our commitment to institutional excellence. Diversity is essential to achieving and maintaining scientific excellence. – excerpt from Caltech's Statement of Mission-Based Values The WAVE Fellows program supports this goal by increasing visibility and...

📅 November 15, 2023

**Applications for the 2024 ACS LEADS Conference are now open!**
ACS is excited to announce that applications for the 2024 ACS LEADS Conference are now open! The LEADS Conference will take place from November 7-9, 2024, in Washington, D.C., and is designed to train people like YOU for successful and impactful careers in the chemical...

📅 November 13, 2023

**Entry Level Medical Scribe Opening**
ProScribe – a medical scribe company, still has openings for Entry Level Medical Scribe and is seeking healthcare focused students to join the team in Tacoma, WA and surrounding sites. Please see the 2023 ProScribe Clinical Medical Scribe Job Description for more information and fill...

📅 November 6, 2023
Math Opportunity Blog

Caltech WAVE Fellows Program Info Session
The WAVE Fellows program increases visibility and accessibility to Caltech's Ph.D. programs to undergraduates in STEM fields who are seriously considering attending graduate school. WAVE Fellows is a 10-week undergraduate research program that provides robust programming in the areas of academic and professional development. Applicants...

November 15, 2023

Paid Summer Research Program for Undergraduate Students
Starting Summer 2024, the Division of Biostatistics at the University of Minnesota, in collaboration with the Masonic Institute for the Developing Brain, will be hosting a 10-week Summer Research Experience for Undergraduates (REU), called Equitable Data Science in Adolescent Development. This 10-week REU is...

October 20, 2023

Electronic Undergraduate Statistics Research Conference 2023
Registration and submissions for the Electronic Undergraduate Statistics Research Conference are open! This virtual conference is free, and it will take place on Friday, November 3rd. The conference is open to all students and faculty to attend. You can register here. The keynote...

September 13, 2023

Physics Opportunity Blog

Caltech WAVE Fellows Program Info Sessions
The WAVE Fellows program increases visibility and accessibility to Caltech's Ph.D. programs to undergraduates in STEM fields who are seriously considering attending graduate school. WAVE Fellows is a 10-week undergraduate research program that provides robust programming in the areas of academic and professional development. Applicants...

November 15, 2023

The William M. Lapenta NOAA Student Internship Program
The William M. Lapenta NOAA Student Internship Program is offering paid summer internships targeted towards current 2nd and 3rd-year undergraduate and enrolled graduate students to work in areas that will provide robust research and/or operational experience that will prepare the student for further study in...

October 10, 2023

Science Undergraduate Laboratory Internships (SULI)
Applications are currently being accepted for the Spring 2024 term of the Science Undergraduate Laboratory Internships (SULI) program with the Department of Energy's (DOE) Office of Science (SC). The application deadline is Wednesday, October 4, 2023, at 5:00 p.m. EDT. Two informational workshops will be...

July 13, 2023
Alumni & Student Connections (ASC)

http://www.plu.edu/alumni-student-connections/

How we can help:

→ Counseling Appointments
■ Internship and/or job search
■ Strengthening application materials
■ Interview preparation
■ Graduate school search

→ Host events to connect you with employers

Helpful resources to check out:
○ Resume / Cover Letter Guides (by major)
○ LuteLink
○ Opportunities Board

Schedule an appointment with us today!

Check out our online guides & resources!
Come See Us!

Brandi Hilliard
Director of Career, Learning, & Engagement

Pushpa Chandwaney
Career & Internship Advisor
Our Location: Nesvig Alumni Center

Just across the street from the AUC, on the corner of 123rd Street & Park Ave

Don’t have time to drop by in person? No problem!
Email your document(s) to career@plu.edu!
What do I need to apply to these programs? TALK WITH YOUR PLU FACULTY MEMBERS

• Online applications
• Letters of recommendation
  ➔ Make appts with professors to discuss
  ➔ FERPA form
• Transcript(s)
• Personal statement/essay
• Résumé – see PLU Alumni & Student Connections
  Be sure to include courses, lab techniques, software
What questions do you have?