



Undergraduate Research Opportunities

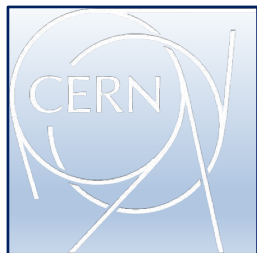


<https://www.unl.edu/physics/student-research>

Stephen Ducharme
Alexei Gruverman



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UCARE: Undergraduate Creative Activities and Research Experience at UNL

Highlights

- The UCARE program (<https://ucare.unl.edu>) is a paid opportunity for undergraduates to work one-on-one with a faculty research advisor;
- UCARE helps undergraduates learn how to conduct research or creative projects under the guidance of the world-class UNL faculty members;
- Fellowships for both academic-year and summer projects;
- Contact: Justina Clark, 402-472-6023, jclark17@unl.edu. for more information.

Eligibility

- Full-time student enrollment in an undergraduate degree program at UNL;
- Completed 30 credit hours of undergraduate work by next May;
- GPA of 2.75 or higher;
- Work with a faculty member who is willing to serve as a faculty research advisor.



UCARE: Undergraduate Creative Activities and Research Experience at UNL

Summer Research

- Application Deadline: **February 10** for Summer 2020
- UCARE participants receive a \$2400 research stipend;
- Requires a 20-hour commitment per week for 10 weeks.
- Talk to the UCARE office about how to identify and approach a prospective faculty advisor and prepare a strong application.



Academic year research: September – April

- Application Deadline: **March 2** for Academic Year 2019-2020
- Requires a 10-hour commitment per week for both semesters.
- Student participants in the UCARE program receive a \$2,400 research stipend.
- Talk to the UCARE office about how to identify and approach a prospective faculty advisor and prepare a strong application.

REU Nebraska Summer Research Programs

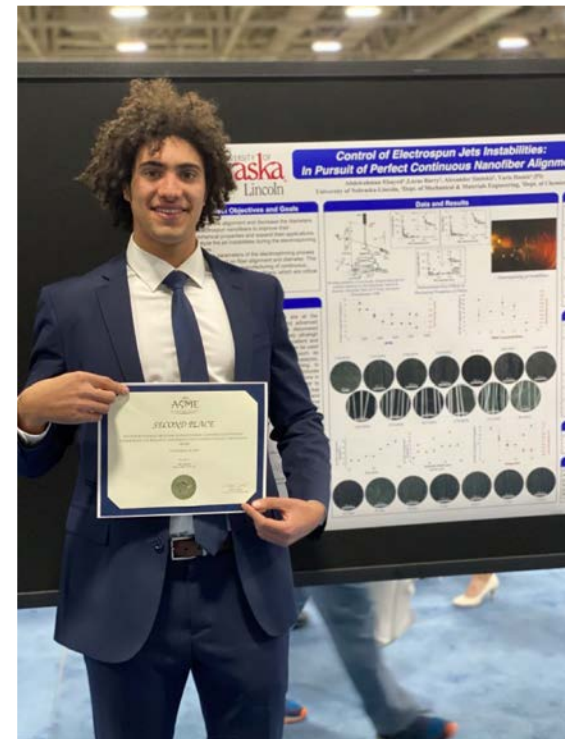
- The Office of Graduate Studies supports the Nebraska Summer Research Program by partnering with faculty and departments to offer NSF-funded Research Experience for Undergraduates (REU).
- [National Science Foundation Research Experiences for Undergraduates \(NSF-REU\)](https://www.nsf.gov/crssprgm/reu/reu_search.jsp); This program (https://www.nsf.gov/crssprgm/reu/reu_search.jsp) allows students to choose from one of 19 topics, such as:
 - ✓ Physics
 - ✓ Optics and Lasers
 - ✓ NanoScience
 - ✓ Astronomical Sciences
- Summer REU programs typically have deadlines in February and March and selection in March and April.
- Application Deadline: **February 1** for Summer 2019 programs
- Contact: Justina Clark, 402-472-6023, jclark17@unl.edu



Energy Sciences Research Summer Internship

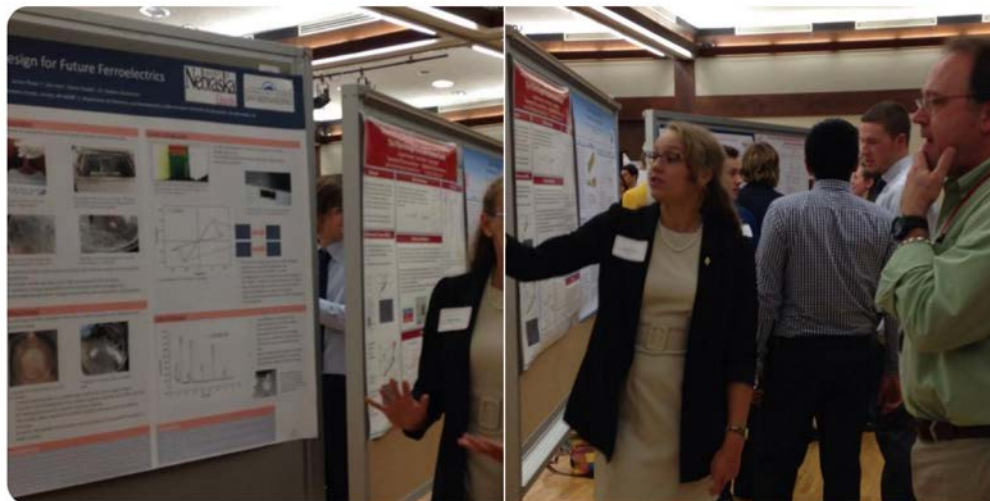
- **Nebraska Center for Energy Sciences Research**
- This program provides summer fellowships of up to \$5000 for summer research working with UN research labs
- Consult with a faculty research mentor before preparing an application
- Application Deadline: **January 31** for Summer Internships

http://ncesr.unl.edu/?page_id=9451



UNL Research Fair

- The Research Fair focuses on showcasing research and creative accomplishments by UNL undergraduate and graduate students.
- Participate in the UNL Research Fairs held in Spring and Fall each year
 - Fall – Early **November**
 - Spring – Mid **April**
(<http://research.unl.edu/springresearchfair>)
- Present a poster about your research project (advance application required)



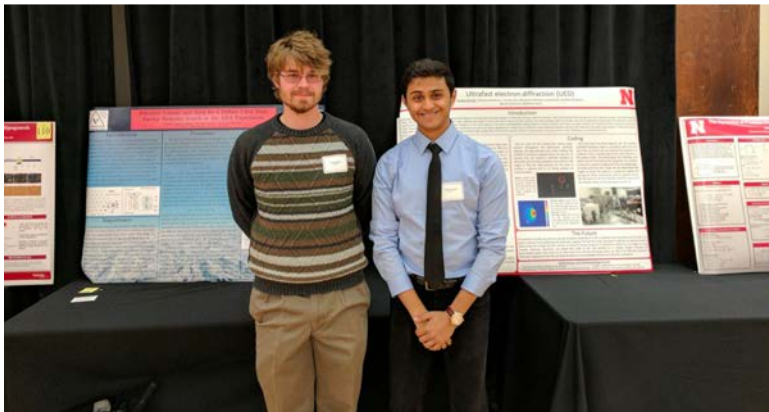
Research Fellowships (<https://www.unl.edu/physics/student-research>)

- Apply directly to Physics and Astronomy Faculty
- **No Deadline**, but it is best to inquire in advance
- Use this handy application form
<https://www.unl.edu/physics/docs/2018-Research-Application.doc>

Teaching Fellowships

- Positions available for
 - ✓ Introductory Physics Laboratory Instructor
Contact palab@unl.edu *
 - ✓ Introductory Astronomy Teaching Assistant
Contact paoffice@unl.edu *
- **No Deadline**, but it is best to apply at least a month before the start of classes

* Or, inquire at the Departmental Office (JH 208)



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Outside of UNL

Research Experiences for Undergraduates (REU) in the United States



[National Science Foundation REU Search Tool](https://www.nsf.gov/crssprgm/reu/reu_search.jsp)

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

Choose from over 725 internship opportunities across the country

Application Deadlines *vary*

[NASA](https://www.nasa.gov/audience/forstudents/stu-intern-current-ops.html) (<https://www.nasa.gov/audience/forstudents/stu-intern-current-ops.html>)



NASA Internships, Fellowships, and Scholarships include a wide range of opportunities for summer and academic year internships with NASA Programs. [NASA Pathways Programs](#) include internship and recruitment opportunities potentially leading to careers with NASA.

Application Deadlines *vary*

[American Physical Society Internships and Fellowships](#)



The Internships and Fellowships-American Physical Society page has a number of programs such as the LIGO Institute, The Smithsonian Minority Awards and Internships, the SRI International, and more.

Application Deadlines *vary*

Research Experiences for Undergraduates (REU) Outside of UNL

[Department of Energy Science Undergraduate Laboratory Internships \(SULI\)](https://science.osti.gov/wdts/suli)

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

Over 600 internships at 17 DOE Laboratories

Application Deadline: **January 9**

[Department of Energy Scholars Program](https://orise.orau.gov/doescholars/)

<https://orise.orau.gov/doescholars/>

Over 600 internships at 17 DOE Laboratories

Application Deadline: **January 3**



[Department of Defense STEM Internships](https://www.opm.gov/policy-data-oversight/hiring-information/students-recent-graduates/#url=intern) (<https://www.opm.gov/policy-data-oversight/hiring-information/students-recent-graduates/#url=intern>)

Programs ranging from the Air Force Rome Laboratory to the National Security Agency. Over 40 programs.

Application Deadlines: **vary**

International Research Experiences for Undergraduates

- **Europe** – EuroScholars Program (<http://euroscholars.eu/>)
- **France** – University of Michigan Optics in the City of Light REU (<http://java.engin.umich.edu/ParisREU/>)
- **Germany** – ACS International Research Experience for Undergraduates (IREU) Program (<https://global.acs.org/global-programs/global-undergraduate-programs/international-research-experience-for-undergrads-ireu/>)
- **Germany** – Research Internships in Science and Engineering (<https://www.daad.de/rise/en/>)
- **Germany** – RWTH Aachen Summer Exchange Program (<http://www.oie.gatech.edu/content/germany-rwth-aachen-summer-exchange-program>)
- **Singapore** – Amegen Scholars (<http://amgenscholars.com/japan-program>)
- **Switzerland** – ThinkSwiss Research Scholarships (<http://thinkswiss.tumblr.com/About>)
- **Italy, Japan, United Kingdom** – American Chemical Society (ACS) International Research Experience for Undergraduates (IREU) Program (<https://global.acs.org/global-programs/global-undergraduate-programs/ireu-details-on-research-outside-the-u-s/>)
- **CERN** (particle physics laboratory in Geneva) – Summer Student Program (<https://home.cern/summer-student-programme>)

All: Application Deadlines **vary**

Databases for International REU Opportunities

- [IIE Passport](http://iiepassport.org) (<http://iiepassport.org>) – This site mainly lists study abroad opportunities but also has information on research abroad opportunities;
- [StudyAbroad.com](http://www.studyabroad.com) (<http://www.studyabroad.com>) – This site mainly lists study abroad opportunities but also has information on research abroad opportunities;
- [Lexia Study Abroad](http://www.lexiaintl.org) (<http://www.lexiaintl.org>) – Many of the opportunities here have research project components or field research projects as part of the curriculum.



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