

Thank you for your interest in the [CIRES Summer Research Program](#), offered in partnership with the NOAA Global Systems Laboratory.

The Global Systems Laboratory (GSL) is one of ten NOAA Research laboratories and is located in Boulder, Colorado. Our research improves environmental prediction models, develops state-of-the-science decision support tools and visualization systems, and uses high-performance computing technology to support a Weather-Ready Nation.

Applications are due Feb. 7th, 2022 by midnight MST.

The CIRES summer research program is accepting applications from all college or university undergraduate and graduate students who are able to participate in 10 weeks of paid virtual research activities for undergraduate experiences or 12 weeks paid virtual research activities as a graduate student.

Please note that due to uncertainties about in-person presence in the Global Systems Laboratory workplace due to COVID-19, the format of the CIRES Summer Research Program will be fully virtual during this session.

Once you begin the application you must answer ALL required questions and upload your unofficial transcript before closing it. Your answers may not be saved if you plan to complete it at a later time.

There are several open-ended questions (see [FAQs](#) for a list of these questions).

If you navigate away from this page, your entries will not be saved until you submit. We suggest you write your responses to these questions in a separate text document, then copy and paste them into this application when you are ready to complete the entire application form in one sitting.

Before starting the application, read through the [Frequently Asked Questions](#) on the CIRES Summer Research Program website for important information and advice on completing this application.

* required

Check "Yes" to indicate that you have read the FAQs.*

Yes

You must ask someone who is familiar with your academic or research performance to complete an online recommendation form by February 7, 2022. See the link to the recommendation forms on the program website.

For undergraduate students: Your recommender should be someone who is familiar with your academic or research performance, such as an instructor, professor, research experience supervisor or advisor, etc. See the General Recommendation Form on the program website.

For graduate students: You must ask your primary research advisor to confirm that they are aware of and support your application as part of the recommendation form. In addition, if you like you may ask an additional person who is familiar with your academic or research performance to complete the recommendation form. See the Primary Research Advisor Recommendation Form for your required recommendation and the General Recommendation Form for an optional additional recommendation.

Contact and Academic Information

Please fill in the contact information below.

First name*

Preferred first name*

Last name*

Pronouns (e.g. she/he/they)

Email address*

Re-enter email address*

Town or city you currently reside in*

Town or city you will reside in Summer 2022*

Good phone number to reach you this Spring?*

Re-enter phone number for quality assurance.*

Please complete your academic information below:

Name of college or university you attend*

Major or area of study*

Additional areas of study, if any.

What degree(s) are you currently studying towards (e.g. Associate of Science, Bachelor of Science, BA, MS, MA, PhD)?*

What year do you expect to graduate from your degree program?*

List any honors or scholarships you have received, if any

Grade Point Average (GPA)*

Do you feel that your GPA accurately reflects your potential to succeed in the CIRES Summer Research program? Please describe. We recognize that there may be circumstances that affect GPA. (200 words or less)*

Please list any particular courses you would like to bring to our attention, including any relevant high school AP, IB classes, dual credit courses, current courses or certifications that might not be included on your unofficial transcript. (200 words or less)

Getting to know you

We use your answers to these questions to learn a bit about you. Helpful advice on responding to these questions can be found on the [FAQ page](#). Please answer in 200 words or less for each question.

How did you hear about this research experience opportunity?

Please tell us about yourself, how you became interested in science, your career goals, and motivation for applying to this program.*

Please briefly describe any previous experience with research, jobs, extracurricular activities, or community service that you feel have prepared you for the program? What skills did you gain from this experience?*

Please list any experience (incl. coursework) you have with data analysis software such as Excel or R, programming languages, and/or GIS software.*

Research is often a non-linear process that may not work the way we expect. Tell us about an experience where you overcame a challenge. How did you overcome this challenge and what did you learn from the experience?*

After learning about GSL from their website, which research areas interest you most and why?

*

The CIRES Student Research Program is dedicated to enhancing the diversity of future scientific communities and sharing our science with a broader audience. Please describe how you, based on your work, service and life experiences (including social, cultural, familial, educational, or other experiences) will contribute to this mission during and after participation in the CIRES Summer Research Program.*

If you would like to propose a project with GSL, please submit a paragraph describing it here.

Is there anything else you would like to share with us?

Additional Questions

Please email your unofficial transcript with this application.*

Are you applying for the 10-week undergraduate research experience or the 12-week graduate student research experience?*

Graduate

Undergraduate

Below are a few more questions relating to the type of research experience you are applying for (graduate or undergraduate). **Please only fill out the section that pertains to you.**

Graduate

The CIRES Summer Research Program is an intensive 12 week, 40 hrs/week program and we find that students who try to take a class or work a second job during the summer often struggle. Also, due to the short nature of the CIRES Summer Research Program, we cannot grant vacation leave requests (you will receive a holiday May 30 and July 4th). Are you able to participate in the full 12-weeks of the CIRES Summer Research Program (May 23-August 19th)?

*

Yes

No

Please ask your primary research advisor to certify that they are aware of and support your application to the CIRES Summer Research Program and to complete the recommendation form. See the link to the form on the CIRES Summer Research Program website.

I have asked my primary research advisor to certify that they are aware of and support my application to the CIRES Summer Research Program.*

Yes

No

Other (please explain)

You have the option of requesting an additional recommendation from a person who is familiar with your academic and research performance. Please use the General Recommendation Form for any optional additional recommendation.

By submitting this questionnaire you are certifying that the information provided is true and complete. Please check "I agree" if this is a true statement.*

I agree

Undergraduate

The CIRES Summer Research Program for undergraduates is an intensive 10 -week, 40 hrs/week program and we find that students who try to take a class or work a second job during the summer often struggle. Also, due to the short nature of the CIRES Summer Research Program, we cannot grant vacation leave requests (you will receive a holiday May 30 and July 4th). Are you able to participate in the full 10-weeks of the CIRES Summer Research Program (May 23rd-July 29th)?*

Yes

No

Please ask someone familiar with your academic and research performance to complete the General Recommendation Form. See the link to the form on the CIRES Summer Research Program website.

I have asked my recommender to complete the General Recommendation Form.*

Yes

No

By submitting this questionnaire you are certifying that the information provided is true and complete. Please check "I agree" if this is a true statement.*

I agree